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AUTHOR Berry, Richard M.; Thompson, Melvin  
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ABSTRACT

This report presents information on the overall levels of Federal funding to 105 predominantly Black colleges and universities, with particular emphasis on their scientific and engineering activities. The first part of the report covers general funding trends from fiscal year 1973 to fiscal year 1980, and presents information about the number of graduate students and full-time faculty in science and engineering programs at those institutions. The second part consists of individual institutional profiles of Federal funding at each of the institutions, along with information about their scientific personnel by field, degree, and sex. (Author/WAM)

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# A SPECIAL REPORT

ED226080

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## RESOURCES SUPPORTING SCIENTIFIC ACTIVITIES AT PREDOMINANTLY BLACK COLLEGES AND UNIVERSITIES

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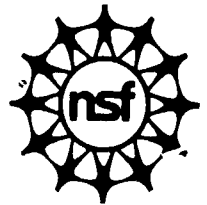
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## **ACKNOWLEDGEMENTS**

This report was prepared in the Office of Planning and Resources Management by Richard M. Berry and Melvin Thompson. Penny D. Foster of the Division of Science Resources Studies coordinated the production of the Institutional Profiles shown in the appendix to this report.

## FOREWORD

This report presents information on the overall levels of Federal funding to 105 predominantly Black colleges and universities, with particular emphasis on their scientific and engineering activities. It was prepared as one aspect of the National Science Foundation's response to the President's Executive Order of September 15, 1981, which made clear the Administration's commitment to strengthening the capabilities of historically Black colleges and universities. The first part of the report covers general funding trends from fiscal year 1973 to fiscal year 1980, and presents information about the number of graduate students and full-time faculty in science and engineering programs at those institutions. The second part of the report consists of individual profiles of Federal funding at each of the institutions, along with information about their scientific and engineering personnel by field, degree and sex.

In general, science and engineering students receive better instruction and learn more if they and their teachers are actively pursuing new, fundamental knowledge through active research programs. Yet we are faced with some disturbing statistics about the low level of scientific resources and activities at most Black colleges and universities. Although more than 50 percent of the Nation's Black engineers and 85 percent of the Black doctors took undergraduate degrees at the 105 colleges and universities, these schools generally have not had the benefit of adequate levels of funding from both the public and private sectors to build up their research capabilities.

All colleges and universities, the source of the Nation's scientists and engineers, perform over one-half of the Nation's basic research. Yet, with a few exceptions, Black colleges and universities as a whole have not yet received adequate support to enable them to compete successfully for research grants and contracts from public and private sources. Only one percent of all Federally sponsored research was performed at Black colleges and universities in 1980.

The National Science Foundation is working to increase the participation of these and other minority institutions in all of the Foundation's programs, because we are convinced that the Nation's scientific and technological enterprise will be strengthened when the talents and resources at minority institutions are more effectively developed and used. The Foundation will continue to offer competitive programs designed to strengthen the scientific research capacity of Black colleges and universities, and to help advance the interests and talents of their faculties and students. I hope this report, by indicating some of the scientific and engineering opportunities available at Black colleges and universities, will be of assistance in planning ways to help increase their research capabilities. The benefits would be two-fold. The scientific competence of faculties and students would be increased and they, in turn, would contribute more to the Nation's scientific and technological developments.

John B. Slaughter  
Director



# INTRODUCTION

Black colleges and universities are a valuable resource in contributing to the quality of educational opportunities for our Nation's youth and the conduct of research. Because of the historical contributions of Black colleges and their importance in our society this report is organized to respond to the following questions:

- (1) What has been the pattern and level of Federal funding particularly for scientific and engineering activities at Black colleges and universities?
- (2) What are the levels of participation by graduate students and scientific and engineering personnel employed at Black colleges and universities?
- (3) What are the activities of the National Science Foundation that assist in advancing science and engineering activities at Black colleges and universities?

The body of the report and appendices containing the institutional profiles respond to questions 1 and 2. The focus of this introduction is to respond to the third question.

Since its establishment in 1950 the National Science Foundation has been authorized and directed to "initiate and support basic scientific research and programs to strengthen scientific research potential and science education programs at all levels." To accomplish this mission and in response to the Science and Technology Act of 1981, the Foundation supports activities that strengthen the science and engineering potential at Black colleges and universities. The Foundation encourages the participation of Black colleges and universities in programs described in the National Science Foundation's *Guide to Programs Fiscal Year 1982*.

The Foundation in December 1981 submitted a report to Congress containing, among a broad set of initiatives, several strategies designed to enhance opportunities for students and faculties at Black colleges and universities. The report contains recommendations of the National Science Foundation to promote the full participation of minorities and women. Among the proposed initiatives was the establishment of a new Office of Equal Opportunity with responsibility for coordinating the planning and assessment of women and minority-related science and engineering activities. Staff orientation and technical assistance to the faculties at Black colleges and universities are also identified as activities in the report.

In addition to ensuring that key personnel at Black colleges and universities receive timely program announcements and participate in peer review and advisory panels, the National Science Foundation, in conjunction with the activities of its research programs, has created a Coordinated Agency-Wide Research Activities (CARA) subactivity. To ensure efficient management and appropriate visibility, some programs that span several NSF research efforts, such as programs focused on enhancing the research contributions of minorities and women, are addressed cen-

trally under the CARA subactivity. Each program in CARA represents an area of the science and engineering enterprise where relatively small amounts of support can have a significant national impact. The overall objectives of CARA will be pursued through, but not limited to, the following programs which focus on issues related to the Nation's historically Black colleges and universities:

1. *Research Improvement In Minority Institutions* provides funding for improving research environments at participating institutions. The Program supports faculty research and the acquisition of research equipment. It also supports cooperative research projects among academic institutions and between academic institutions and industry. This program responds to Presidential Executive Order 12320.
2. *Minority Research Initiation* provides increased access to scientific research opportunities by ethnic minority scientists and engineers who are significantly under-represented in the scientific and engineering career pool. This program provides research support for minority faculty at any college or university who are not presently receiving or have not previously received Federal research support.
3. *Visiting Professorships for Women* which provides for increased participation of women scientists and engineers as visiting professors in academic institutions. In addition to expanding research and teaching opportunities, these professors are available to advise and counsel other women in pursuit of careers in science and engineering.
4. *Experimental Program to Stimulate Competitive Research* provides incentives for academic scientists and industrial leaders within certain states to execute research plans designed to respond to scientific needs and circumstances identified locally.

The primary focus of the Foundation's activities is the performance of research carried out by the Nation's scientists and engineers, primarily in colleges and universities. The Foundation is working to encourage other sectors of society—Federal agencies, state and local governments, professional societies, private organizations and foundations and industry—to assist in enhancing opportunities that result in increased science and engineering research and related educational activities at Black colleges and universities.

The Foundation, through all its research and educational programs, is committed to assisting the President in realizing the goals set forth in the September 15, 1981 Executive Order that calls for increased support for our Nation's Black colleges and universities. The data in this report are organized to identify opportunities that realize the goals of strengthening science and engineering activities at Black colleges and universities.

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# TECHNICAL NOTES

## General

This report and the Institutional Profiles shown in the Appendix present data on 105 predominantly black institutions of higher education in the United States. These data were collected through four academic science surveys conducted by the Universities and Non-profit Institutions Studies Group (UNISG) of the National Science Foundation's Division of Science Resources Studies. The four surveys are:

1. Survey of Scientific and Engineering Expenditures at Universities and Colleges;
  2. Survey of Federal Support to Universities, Colleges, and Selected Nonprofit Institutions;
  3. Survey of Graduate Science Students and Postdoctorates; and
  4. Survey of Scientific and Engineering Personnel Employed at Universities and Colleges.
- Data on expenditures, personnel, and graduate students were collected from the institutions themselves; data on Federal obligations were collected directly from the major funding agencies.
  - As noted below, institutional coverage varies among the four surveys. Each Institutional Profile contains data from those surveys in which the institution was included.

## R&D Expenditures

- In all but one year, data on R&D expenditures were collected from institutions offering a doctorate or master's degree in the sciences and engineering. In FY 1978, a short form was mailed to doctorate-granting institutions only and data on capital expenditures for facilities and research equipment were not collected.
- "Expenditures" differ from "obligations" in that funds obligated by a Federal agency during one fiscal year may be expended by the recipient institution either partially or entirely during one or more subsequent years.

## Employment of Scientists and Engineers (S/E)

- Except as noted below, data on S/E personnel were collected from all institutions of higher education, including 2-year institutions, that offer degree-credit courses in the sciences or engineering.
- In January 1979, a short form was mailed to doctorate-granting institutions only. Data on scientists and engineers by highest earned degree, full and part-time employment status, and sex were not collected in 1979.

## Federal Support

- Obligation data reflect both science and nonscience obligations of fourteen Federal agencies in the form of direct support to institutions. Tuition support programs such as the Department of Education's "Pell Grants" constitute nearly all of the nonscience data in this survey.
- Excluded from the "obligation" concept are loans to individuals, such as OI's Federal guaranteed student loan programs, and Federal employee training and development activities, as well as funds allocated to State agencies, even though the final recipient of such funds is known to be an academic institution.

## Graduate Science Students and Postdoctorates

- Comparable data for both doctorate- and master's-granting institutions were available for the first time beginning in fall 1979. Previously, only doctorate-granting institutions were surveyed.
- In fall 1978, a short form was mailed to these doctorate-granting institutions. Data on types of major support and postdoctorates were not collected in 1978.

# Resources Supporting Scientific Activities at Predominantly Black Colleges and Universities

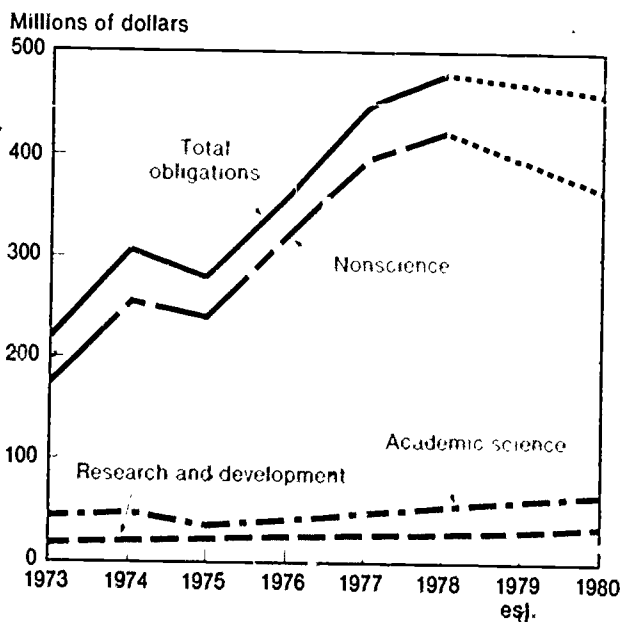
Trends in Federal funding to 105 colleges and universities with predominantly Black enrollment that are the focus of this report differed significantly from funding trends at higher education institutions in general. Recently, Federal support to institutions of higher education increased mainly in terms of academic science and R&D activities. Predominantly Black colleges and universities, on the other hand, continued to rely on Federal support primarily in the form of student aid.

Because of heavy reliance on student aid programs, recent Federal funding patterns at predominantly black colleges and universities reflect greater volatility than these patterns at higher education institutions in general. Emphasis has been shifting away from direct aid to institutions, such as "Pell Grants," to aid programs for students such as the Guaranteed Student Loan Program which, in general, are being cut because of overwhelming national priorities such as controlling inflation and reducing Federal budgetary deficits. As a result, total Federal obligations to predominantly Black institutions declined by 5 percent from FY 1978 to 1980, from \$483 million to \$461 million (chart 1).

Of total Federal support to all higher education institutions, three-fifths was for academic science, including R&D activities, facilities and equipment, fellowships and traineeships, and general support. The comparable proportion was one-fifth at predominantly Black institutions (charts 1 and 2). Federal funds for research and development accounted for one-half of the total at all institutions, compared with one-sixth at the Black institutions. During 1973-80, while Federal support for the conduct of R&D activities, which is a component of "academic science," was increasing relative to total Federal funding at all institutions (from 48.7 percent in 1973 to 49.9 percent in 1980), their relative share slightly declined at Black colleges and universities (from 8.7 percent in 1973 to 8.3 percent in 1980).

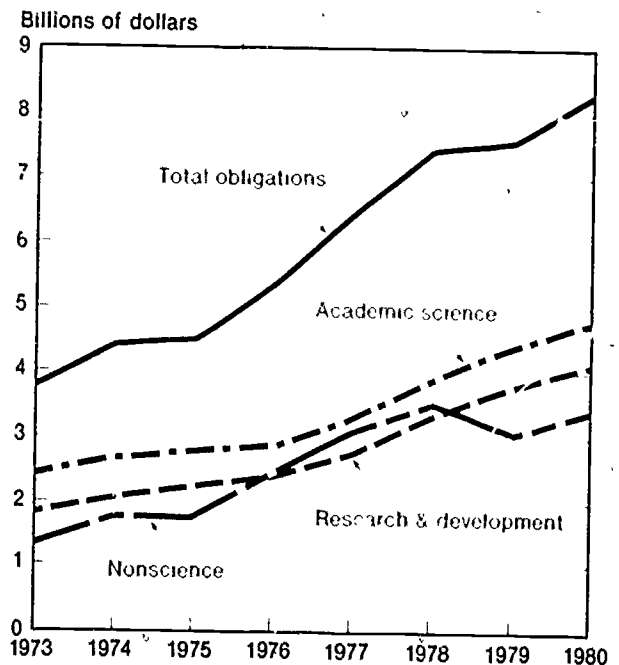
Federal obligations received by predominantly Black colleges and universities peaked at \$483 million in FY 1978 (table 1). The percent of Federal support to all institutions that the 105 Black institutions received peaked in FY's 1974 and 1977. In 1980, they received 5.3 percent of total Federal obligations, representing a decline from the smallest relative amount previously received of 5.8 percent in 1973.

**Chart 1. Federal Obligations to Predominantly Black Colleges and Universities by Type of Activity\***



\*Data are not available for FY 1979 in total and nonscience activities because of reporting errors by the Department of Education.  
SOURCE: National Science Foundation.

**Chart 2. Federal Obligations to All Institutions of Higher Education by Type of Activity**



SOURCE: National Science Foundation.

**Table 1. Federal Obligations to Institutions of Higher Education and Predominantly Black Colleges and Universities: FY 1973-80**

Fiscal Year	Total Obligations (Dollars in Thousands)		Black Colleges and Universities as Percent of Total
	All Institutions	Black Colleges and Universities	
1973	3,839,102	223,474	5.8
1974	4,480,372	308,944	6.9
1975	4,547,191	280,851	6.2
1976	5,402,764	365,141	6.8
1977	6,489,735	450,550	6.9
1978	7,471,843	482,961	6.5
1979	7,603,888	(a)	(a)
1980	8,319,815	437,186	5.3

<sup>a</sup>Data are not available for FY 1979 because of reporting errors by the Department of Education.

SOURCE: National Science Foundation

Throughout the 1973-80 period, Federal support of R&D activities at predominantly Black institutions comprised only one percent of the total to all institutions (table 2). While Federal R&D obligations grew by 87 percent during 1973-80 at the Black institutions, they more than doubled (122 percent) at all institutions.

Only three of the Black institutions awarded Ph.D. degrees in science and engineering—Howard University, Meharry Medical College, and Atlanta University. Twenty others awarded Master's degrees in science and engineering. Nine of the ten leading recipients of total Federal support had graduate programs in the sciences and engineering, South Carolina State College being the only Bachelor's granting institution (table 3). Altogether, the top 10 recipients accounted for almost three-fifths of total Federal support to the 105 predominantly Black institutions.

Howard University was dominant among leading recipients of Federal support in FY 1980 with \$166 million, or 36 percent of the total, but the major part of those funds was

**Table 2. Federal R&D Obligations to Institutions of Higher Education and Predominantly Black Colleges and Universities: FY 1973-80**

Fiscal Year	R&D Obligations (Dollars in Thousands)		Black Colleges and Universities as Percent of Total
	All Institutions	Black Colleges and Universities	
1973	1,870,690	19,532	1.0
1974	2,035,204	21,736	1.0
1975	2,238,744	24,041	1.1
1976	2,423,072	25,417	1.1
1977	2,788,517	26,635	1.0
1978	3,364,012	28,554	.9
1979	3,846,992	32,638	.8
1980	4,155,366	36,466	.9

SOURCE: National Science Foundation

**Table 3. Ten Leading Predominantly Black College and University Recipients of Federal Obligations FY 1980**

Institution	Federal obligations (Dollars in thousands)*
1 Howard University*	\$166,146
2 Meharry Medical College	14,334
3 Jackson State University	12,719
4 Tuskegee Institute	10,038
5 Southern University and A&M College, All Campuses	9,981
6 North Carolina A&T State University	8,046
7 Tennessee State University	7,951
8 Prairie View A&M University	7,306
9 Alabama A&M University	6,954
10 South Carolina State College	6,270
Total	\$249,749
Leading 10 as percent of total	57.1%

\*Howard University receives substantial appropriations from Congress each year for general operating expenses, its funding levels thus reflect the magnitude of its non-science programs.

SOURCE: National Science Foundation

the Department of Education's appropriations for general operating expenses. The heavy reliance of Howard University on Federal funding for operating expenses is reflected in the fact that only \$7.1 million, or 4 percent of the \$166 million received in FY 1980, was for R&D activities (table 4). Although R&D funds represented relatively small parts of Howard University's total, they were about 2½ times more than the next leading recipient of Federal R&D support—Tuskegee Institute with \$2.6 million. The 10 top recipients of Federal R&D support accounted for \$22.2 million, or 61 percent of the total amount of \$36.5 million at all of the predominantly Black institutions.

**Table 4. Ten Leading Predominantly Black College and University Recipients of Federal R&D Obligations, FY 1980**

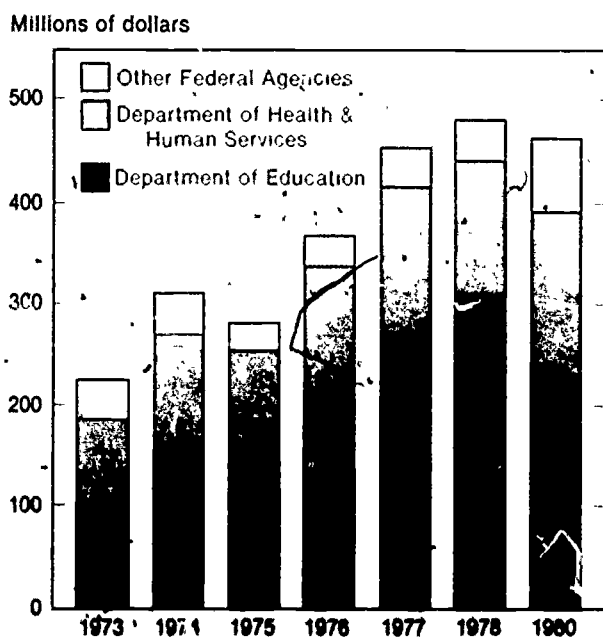
Institution	Federal R&D Obligations (Dollars in thousands)
1 Howard University	7,144
2 Tuskegee Institute	2,595
3 North Carolina A&T State University	2,157
4 Alabama A&M University	1,787
5 Prairie View A&M University	1,672
6 Kentucky State University	1,510
7 Fort Valley State College	1,391
8 Tennessee State University	1,384
9 Southern University and A&M College, All Campuses	1,305
10 Virginia State University	1,242
Total	\$22,187
Leading 10 as percent of total	60.8%

SOURCE: National Science Foundation

Because of dependence on student aid, as well as of the operating expenses for Howard University mentioned above, Black colleges and universities received almost one-half of total Federal support from a single agency, the Department of Education (chart 3). Nearly all of the Department of Education support was in the "non-science" category. The Department of Health and Human Services accounted for \$172 million, or 37 percent of the FY 1980 total. The "other agencies" obligated \$70.8 million, or about one-sixth of the total, most of which was for science activities, including research and development. Among these "other agencies," the Department of Agriculture funded \$30 million in FY 1980 and the National Science Foundation \$5.5 million. All of the major Federal agencies funding the Black institutions, except the Department of Education and the National Science Foundation, showed increases in FY 1980 over the prior year. The downturn in Education funds, as previously indicated, resulted from shifts in student aid programs from direct institutional support to student loans and the NSF downturn resulted from the transfer of its Minority Institutions Science Improvement Program (MISIP) to the Department of Education in FY 1980.

The scientists and engineers employed at Black institutions and the graduate science students they enroll are relatively small in numbers. The 3,368 graduate science students enrolled in predominantly Black institutions in 1980 represented less than one percent of the United States total (table 5). The 5,310 scientists and engineers on their

**Chart 3. Federal Obligations to Predominantly Black Colleges and Universities by Source of Support\***



\*Data are not available for FY 1979 because of reporting errors by the Department of Education

SOURCE: National Science Foundation

**Table 5. Graduate Science Students in Predominantly Black Colleges and Universities by Field\*, 1980**

	All Institutions	Black Colleges and Universities	Black Colleges and Universities as Percent of Total
Total Science Students	383,210	3,368	9
Engineering	77,174	264	3
Physical Sciences	27,063	241	9
Life Sciences	102,701	991	10
Social Sciences	93,175	1,237	13
Other Sciences	83,097	635	8

\*These data include full- and part-time graduate students enrolled in science and engineering graduate schools for master's and doctoral degrees

SOURCE: National Science Foundation

faculties accounted for only 2 percent of the total (table 6). These relatively small numbers of scientific resources help explain why R&D activities conducted at the Black institutions are also relatively small.

Two doctoral institutions—Howard University (1,016 graduate science students) and Atlanta University (587 graduate science students)—had about one-half of the total. Full-time employment of scientists and engineers was not as highly concentrated, but 10 Black institutions accounted for almost one-half of the total, as follows: Howard University (979), Tennessee State (224), Florida A&M (202), Meharry Medical College (192), Southern A&M, All Campuses (171), University of the District of Columbia (150), North Carolina A&T (124), Jackson State University (112), Texas Southern University (108), and Alabama A&M (94).

Engineering resources in the Black institutions were especially small in number. The 264 engineering graduate students comprised only 0.3 percent of the Nation's total and the 278 full-time engineers accounted for only 1.0 per-

**Table 6. Full-Time Scientists and Engineers Employed at Predominantly Black Colleges and Universities by Field, January 1981**

	All Institutions	Black Colleges and Universities	Black Colleges and Universities as Percent of Total
Total Scientists and Engineers	258,849	5,310	2.1
Engineers	26,992	278	1.0
Physical Scientists	28,173	795	2.8
Life Scientists	110,059	1,902	1.7
Social Scientists	41,163	1,090	2.6
Other Scientists	52,462	1,245	2.4

SOURCE: National Science Foundation



cent of those employed by all institutions. Only four of the Black institutions had graduate students majoring in engineering, as follows: Howard University (120), North Carolina A&T (71), Tennessee State (44), and Tuskegee Institute (15). Three of these institutions—Howard University, North Carolina A&T, and Tennessee State—employed two-fifths of all full-time engineers in all of the predominantly Black institutions.

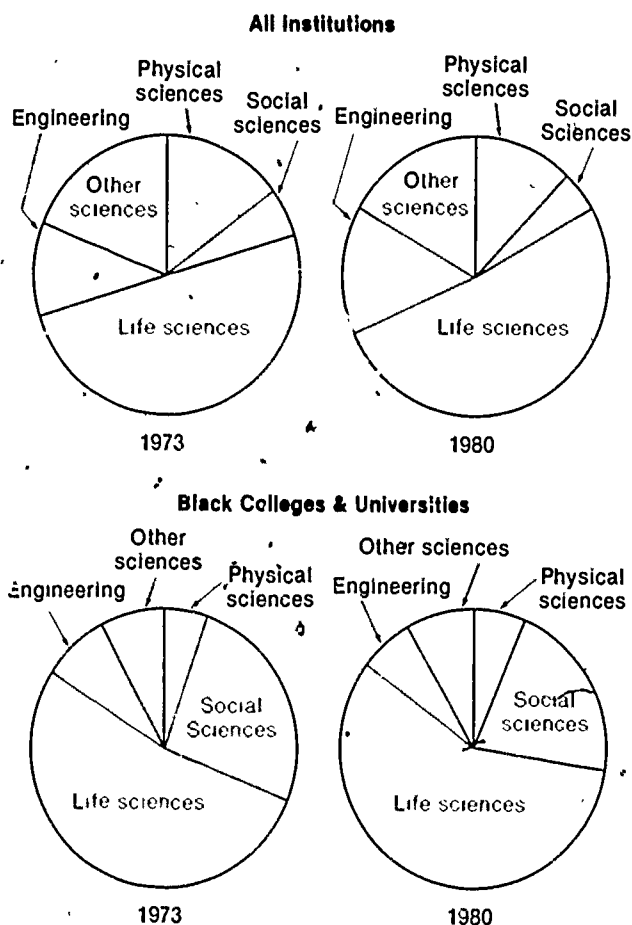
Graduate students enrolled in the social sciences were the largest single group in the Black colleges and universities. The 1,237 graduate students enrolled for advanced degrees in the social sciences accounted for more than one-third of the Black institution total, but represented only 1.3 percent of the United States total. Life scientists (mostly biologists and medical scientists) employed full-time on the faculties of the Black institutions numbered 1,902 and social scientists numbered 1,090. Among the institutions, Atlanta University with 389 graduate students in the social sciences was the leader, followed by Howard University (331), and Jackson State University (110). Together these three institutions accounted for more than two-thirds of all graduate students enrolled in the social sciences at the 105 institutions.

In terms of the distribution of Federal R&D funding, the most notable disparity between the predominantly Black institutions and all United States institutions was in the engineering disciplines. Federal R&D obligations in engineering to all institutions accounted for 11 percent of the 1973 total, compared with 75 percent in 1980 (chart 4). In the Black institutions, engineering showed a downward trend, comprising 8 percent of their Federal R&D obligations in 1973 and only 6 percent in 1980. R&D activities in the life sciences dominated in both sets of institutions and was growing as percent of the total. Life science research was 50 percent of total Federal support in all United States institutions of higher education in 1973 and 52 percent in 1980, the same comparative data for the Black colleges and universities were 53 percent in 1973 and 58 percent in 1980.

Federal support of social science research made up a much larger part of R&D activities in Black colleges and universities than institutions of higher education generally. More than one-fifth of total Federal R&D funds in the Black institutions in 1980 was for social science research, compared with only 5 percent in all institutions.

Except for engineering, Federal R&D expenditures comprised a larger share of the total from all sources (industry, state and local governments, etc.) in the Black colleges and universities than in all institutions (chart 5). Also, except for engineering, predominantly Black institutions relied more heavily on Federal sources to support their R&D activities throughout the period 1973-80. Nearly nine-tenths of funding for R&D activities in the life sciences was sponsored by Federal agencies in both 1973 and 1980 in the Black institutions, compared with two-thirds in all institu-

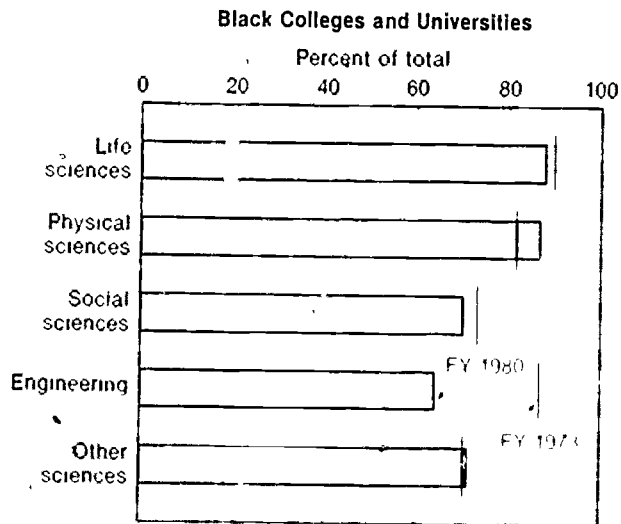
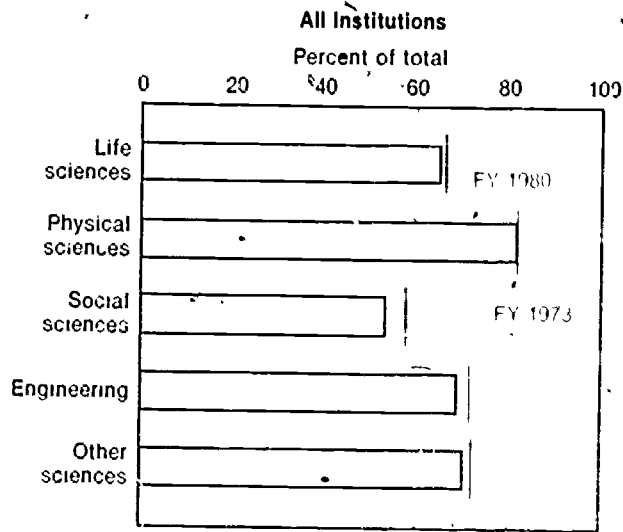
**Chart 4. Federal R&D Obligations to Institutions of Higher Education by Field of Science**



SOURCE: National Science Foundation

tions. The relative amount of Federal R&D support in the physical sciences remained steady in 1973 and 1980 at about four-fifths of the total in all institutions, but that reliance increased at Black institutions, until by 1980, nearly nine-tenths of the total was financed by Federal agencies. In the social sciences, Federal funds in 1980 accounted for 70 percent of the total in Black colleges and universities and 53 percent at all institutions. Engineering, as noted above, was the exception with 69 percent being financed by Federal agencies at all institutions of higher education and 64 percent at the Black institutions. By comparison, in FY 1973, the picture was reversed, with 87 percent of R&D activities in engineering at the Black institutions being financed with Federal funds, compared with 72 percent in all institutions.

**Chart 5. Federally Funded R&D Expenditures as Percent of Total by Field of Science**



SOURCE: National Science Foundation



# APPENDIX INSTITUTIONAL PROFILES

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#### TENNESSEE

Fisk University .....	456
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Lane College .....	469
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INSTITUTIONAL PROFILE: 001002 ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	2,821	1,467	1,060	-	1,332I	1,313	1,900	1,194	693	-	935I	1,308
ENGINEERING	0	0	0I	-	0	0	0	0	0I	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	424	347	250I	-	313I	312I	172	285	166I	-	223I	311I
Astronomy	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemistry	152	152	112I	-	140I	135I	38	123	72I	-	97I	135I
Physics	272	145	98I	-	124I	139I	134	127	74I	-	99I	138I
Physical Sci., n.e.c.	0	50	4C	-	49I	38I	0	35E	20I	-	27I	38I
ENVIRONMENTAL SCIENCES	114	0	0I	-	0	0	90	0	0I	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH & COMPUTER SCI.	231	0	0I	-	0	0	131E	0	0I	-	0	0
Mathematics	163	0	0I	-	0	0	92E	0	0I	-	0	0
Computer Science	68	0	0I	-	0	0	39E	0	0I	-	0	0
LIFE SCIENCES	1,705	1,120	810I	-	1,019I	1,001I	1,475	909E	527I	-	712I	997I
Agricultural Sciences	1,550	1,120	810I	-	1,019I	1,001I	1,475	909E	527I	-	712I	997I
Biological Sciences	155	0	0I	-	0	0	0	0	0I	-	0	0
Medical Sciences	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Sci., n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PSYCHOLOGY	92	0	0I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENCES	255	0	0I	-	0	0	32	0	0I	-	0	0
Economics	42	0	0I	-	0	0	32	0	0I	-	0	0
Political Science	148	0	0I	-	0	0	0	0	0I	-	0	0
Sociology	65	0	0I	-	0	0	0	0	0I	-	0	0
Social Sci., n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
OTHER SCIENCES, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0

10

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	2,821	1,467	1,060	-	1,332I	1,313
Federal Government	1,900	1,194	693	-	935I	1,308
State and Local Government	846	273	231	-	249I	0
Industry	0	0	0	-	0	5
Institutional Funds	0	0	0	-	0	0
All Other Outside Sources	75	0	136	-	148I	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	55	1,125	832I	-	721I	721I	26	47	35I	-	31I	31I
Engineering	0	0	0I	-	0	0	0	0	0I	-	0	0
Physical Sciences	22	57	42I	-	37I	37I	2	12	9I	-	8I	8I
Environmental Sciences	18	0	0I	-	0	0	14	0	0I	-	0	0
Math. & Computer Sci.	0	1,015	751I	-	651I	651I	0	0	0I	-	0I	0I
Life Sciences	13	50	37I	-	32I	32I	10	35	26I	-	23I	23I
Psychology	0	3	2I	-	1I	1I	0	0	0I	-	0I	0I
Social Sciences	2	0	0I	-	0	0	0	0	0I	-	0	0
Other Sciences, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

INSTITUTIONAL PROFILE: 001002 ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,282	3,073	5,213	3,528	4,328	4,828	3,370	6,954	1,787	1,114	4,053
Department of Agriculture	1,042	1,023	1,118	1,264	1,385	1,451	1,539	1,630	1,063	566	1
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	31	55	20	50	10	32	33	0	0	0	0
Department of Education	0	0	0	0	0	0	0	3,957	0	95	3,862
Department of Energy	0	0	0	0	25	392	349	200	200	0	0
Environmental Protection Agency	0	0	0	0	92	54	50	155	155	0	0
Dept. of Health & Human Services	1,077	1,626	3,978	1,890	2,589	2,637	806	521	0	331	190
National Institutes of Health	0	0	0	155	105	115	0	331	0	331	0
ADAMHA	0	0	0	0	0	38	37	190	0	0	190
Office of Education	1,077	1,626	3,978	1,735	2,484	2,484	769	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	95	126	85	100	146	231	199	369	369	0	0
National Science Foundation	37	243	12	224	81	31	394	122	0	122	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,282	3,073	5,213	3,528	4,328	4,828	3,370	6,954
Research and Development	831	889	853	974	1,159	1,721	1,621	1,787
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	15	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	139	162
General Support for Science	7	223	0	359	130	115	250	331
Other Science	352	335	382	460	555	585	581	621
Non-Science	1,077	1,626	3,978	1,735	2,484	2,407	779	4,053

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 001002 ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USOA	NASA	DOE
TOTAL .....	831	889	853	974	1,159	1,721	1,621	1,787	1,063	369	200
ENGINEERING .....	21	100	10	56	108	546	321	199	0	147	0
Aeronautical .....	0	76	10	0	0	0	0	0	0	0	0
Astronautical .....	0	0	0	0	0	0	0	0	0	0	0
Chemical .....	0	0	0	0	0	0	0	0	0	0	0
Civil .....	0	0	0	0	0	0	0	0	0	0	0
Electrical .....	0	24	0	20	42	19	24	26	0	26	0
Mechanical .....	21	0	0	36	27	201	0	0	0	0	0
Metallurgy and Materials .....	0	0	0	0	0	326	30	121	0	121	0
Engineering, n.e.c. ....	0	0	0	0	39	0	267	52	0	0	0
PHYSICAL SCIENCES .....	31	37	24	94	61	61	137	30	0	30	0
Astronomy .....	0	17	0	0	0	0	0	0	0	0	0
Chemistry .....	0	0	0	0	0	0	82	0	0	0	0
Physics .....	31	20	24	94	61	61	55	30	0	30	0
Physical Sciences, n.e.c. ....	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES .....	43	44	24	0	25	44	70	110	0	110	0
Atmospheric Sciences .....	0	0	0	0	25	0	0	0	0	0	0
Geological Sciences .....	0	0	0	0	0	0	0	0	0	0	0
Oceanography .....	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c. ....	43	44	24	0	0	44	70	110	0	110	0
MATH. AND COMPUTER SCIENCES .....	7	20	0	20	0	0	27	30	0	30	0
LIFE SCIENCES .....	629	688	713	804	965	871	977	1,198	943	52	100
Biological Sciences .....	629	688	713	804	925	871	392	293	38	52	100
Medical Sciences .....	0	0	0	0	0	0	585	905	905	0	0
Life Sciences, n.e.c. ....	0	0	0	0	40	0	0	0	0	0	0
PSYCHOLOGY .....	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES .....	76	0	72	0	0	199	89	120	120	0	0
Economics .....	0	0	0	0	0	0	0	0	0	0	0
Political Science .....	0	0	0	0	0	0	0	0	0	0	0
Sociology .....	76	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c. ....	0	0	72	0	0	84	89	120	120	0	0
OTHER SCIENCES, n.e.c. ....	24	0	10	0	0	0	0	100	0	0	100

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	88	69	-	92	153	42	32	0	31	36
Men	-	-	-	78	111	-	-	-	25	18
Women	-	-	-	14	42	-	-	-	6	18
First Year	-	-	-	34	57	-	-	-	-	-
Beyond First Year	-	-	-	58	96	-	-	-	-	-
U.S. Citizens	-	-	-	28	79	-	-	0	-	-
Foreign	-	-	-	64	74	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	0	0	-	0	0	0	0	0	0	0
Environmental Sciences	10	16	-	15	17	5	10	0	7	6
Math. & Computer Sciences	12	12	-	27	61	0	0	0	0	3
Life Sciences	34	30	-	24	45	27	19	0	18	27
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	32	11	-	26	30	10	3	0	6	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	50	62	-	63	54
Engineering	0	0	-	0	0
Physical Sciences	0	0	-	0	0
Environmental Sciences	2	1	-	0	0
Math. & Computer Sciences	27	47	-	25	15
Life Sciences	2	3	-	28	31
Psychology	0	0	-	0	0
Social Sciences	19	11	-	9	8

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.



INSTITUTIONAL PROFILE: 001002 ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	2	-	-	-	0	2
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	2	-	-	-	0	2
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	9	10
Federal Support	-	-	-	5	10
Institutional Support	-	-	-	2	0
Other Outside Support	-	-	-	2	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	18	37
Federal Support	-	-	-	18	25
Institutional Support	-	-	-	0	3
Other Outside Support	-	-	-	0	9
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	5	7
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	5	7
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	60	99
Federal Support	-	-	-	8	1
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	2	15
Self-Support	-	-	-	50	83

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	77	87	88	-	105	94	12	27	33	-	20	33
ENGINEERS	5	10	10	-	10	10	3	3	9	-	4	5
Aeronautical & Astronautical Engineers	1	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	1	1	-	3	4	3	3	0	-	3	2
Electrical Engineers	3	6	5	-	4	2	0	0	0	-	1	2
Mechanical Engineers	1	3	4	-	3	2	0	0	1	-	0	1
Engineers, n.e.c.	0	0	0	-	0	2	0	0	4	-	0	0
PHYSICAL SCIENTISTS	12	11	14	-	13	15	1	4	2	-	0	5
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	6	6	7	-	5	7	1	3	1	-	0	2
Physicists	6	5	7	-	8	8	0	1	1	-	0	3
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	13	15	16	-	16	17	6	16	15	-	14	19
Mathematicians	9	10	10	-	11	12	0	7	15	-	2	5
Computer Scientists	4	5	6	-	5	5	6	9	0	-	12	14
LIFE SCIENTISTS	32	31	33	-	41	35	1	2	3	-	2	0
Agricultural Scientists	23	22	19	-	29	22	0	0	0	-	2	0
Biological Scientists	9	9	14	-	12	13	1	2	3	-	0	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	7	12	9	-	10	8	0	0	3	-	0	2
SOCIAL SCIENTISTS	4	8	6	-	15	9	1	2	1	-	0	2
Economists	0	0	0	-	1	1	0	0	0	-	0	0
Political Scientists	0	3	1	-	3	2	0	0	0	-	0	0
Sociologists	4	5	5	-	5	6	1	2	1	-	0	2
Social Scientists, n.e.c.	0	0	0	-	6	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	46	56	54	-	58	63	2	4	15	-	2	9
FIRST PROFESSIONAL .....	0	3	4	-	0	1	0	0	0	-	0	0
MASTER'S .....	24	1	24	-	38	30	10	22	15	-	14	16
BACHELOR'S (or equivalent) .....	3	4	6	-	9	0	0	1	3	-	4	8

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	73	72	-	85	80	14	16	-	19	14
Engineers .....	10	10	-	10	10	0	0	-	0	0
Physical Scientists .....	8	11	-	12	14	3	3	-	1	1
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	11	10	-	10	12	4	6	-	6	5
Life Scientists .....	29	31	-	36	30	2	2	-	5	5
Psychologists .....	9	6	-	7	8	3	3	-	3	0
Social Scientists .....	6	4	-	11	6	2	2	-	4	3

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/26/82

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*
*           INSTITUTIONAL PROFILE
*
*
*           010554
*
*           ALABAMA LUTHERAN ACADEMY AND COLLEGE
*
*           Private                               No Science Degree
*
*           CARNEGIE COUNCIL CATEGORY:  4.1
*
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Data for this institutional profile are based on the following survey data systems:  
NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

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Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

INSTITUTIONAL PROFILE: 010554 ALABAMA LUTHERAN ACADEMY AND COLLEGE

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974*	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	0	0	148	0	0	287	230	328	0	0	328
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	328	0	0	328
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	0	0	0	0	0	287	230	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	0	0	0	0	0	287	230	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	148	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	0	0	148	0	0	287	230	328
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	148	0	0	0	0	0
Non-Science	0	0	0	0	0	287	230	328

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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*
*           INSTITUTIONAL PROFILE           *
*
*           001005                          *
*
*           ALABAMA STATE UNIVERSITY        *
*
*           Public                          *
*                                     Master's-Granting *
*
*           CARNEGIE COUNCIL CATEGORY:  2.2  *
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Data for this institutional profile are based on the following survey data systems:

- NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions
- NSF-NIH Survey of Graduate Science Students and Postdoctorates
- NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation,  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D.C. 20550  
 (202) 634-4673

Prepared by:

Moshman Associates, Inc  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3000

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	773	1,340	1,279	3,054	4,483	4,402	2,479	2,475	0	0	2,475
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	2	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	2,475	0	0	2,475
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	773	1,340	1,272	2,930	4,442	4,360	2,479	0	0	0	0
National Institutes of Health	36	53	49	28	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	737	1,287	861	2,780	4,348	4,215	2,479	0	0	0	0
Other HHS	0	0	362	122	94	145	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	5	124	41	42	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	773	1,340	1,279	3,054	4,483	4,402	2,479	2,475
Research and Development	0	0	369	122	106	163	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	13	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	36	53	49	133	29	7	0	0
Other Science	0	0	0	19	0	17	0	0
Non-Science	724	1,287	861	2,780	4,348	4,215	2,479	2,475

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES			
	1973	1974	1975	1976	1977	1978	1979	1980				
TOTAL	-	-	369	122	106	163	-	-	-	-	-	-
ENGINEERING	-	-	0	0	0	0	-	-	-	-	-	-
Aeronautical	-	-	0	0	0	0	-	-	-	-	-	-
Astronautical	-	-	0	0	0	0	-	-	-	-	-	-
Chemical	-	-	0	0	0	0	-	-	-	-	-	-
Civil	-	-	0	0	0	0	-	-	-	-	-	-
Electrical	-	-	0	0	0	0	-	-	-	-	-	-
Mechanical	-	-	0	0	0	0	-	-	-	-	-	-
Metallurgy and Materials	-	-	0	0	0	0	-	-	-	-	-	-
Engineering, n.e.c.	-	-	0	0	0	0	-	-	-	-	-	-
PHYSICAL SCIENCES	-	-	0	0	12	18	-	-	-	-	-	-
Astronomy	-	-	0	0	0	0	-	-	-	-	-	-
Chemistry	-	-	0	0	0	0	-	-	-	-	-	-
Physics	-	-	0	0	12	18	-	-	-	-	-	-
Physical Sciences, n.e.c.	-	-	0	0	0	0	-	-	-	-	-	-
ENVIRONMENTAL SCIENCES	-	-	0	0	0	0	-	-	-	-	-	-
Atmospheric Sciences	-	-	0	0	0	0	-	-	-	-	-	-
Geological Sciences	-	-	0	0	0	0	-	-	-	-	-	-
Oceanography	-	-	0	0	0	0	-	-	-	-	-	-
Environmental Sciences, n.e.c.	-	-	0	0	0	0	-	-	-	-	-	-
MATH AND COMPUTER SCIENCES	-	-	7	0	0	0	-	-	-	-	-	-
LIFE SCIENCES	-	-	0	0	0	0	-	-	-	-	-	-
Biological Sciences	-	-	0	0	0	0	-	-	-	-	-	-
Medical Sciences	-	-	0	0	0	0	-	-	-	-	-	-
Life Sciences, n.e.c.	-	-	0	0	0	0	-	-	-	-	-	-
PSYCHOLOGY	-	-	0	0	0	0	-	-	-	-	-	-
SOCIAL SCIENCES	-	-	362	122	94	145	-	-	-	-	-	-
Economics	-	-	0	0	0	0	-	-	-	-	-	-
Political Science	-	-	0	0	0	0	-	-	-	-	-	-
Sociology	-	-	0	0	0	0	-	-	-	-	-	-
Social Sciences, n.e.c.	-	-	362	122	94	145	-	-	-	-	-	-
OTHER SCIENCES, n.e.c.	-	-	0	0	0	0	-	-	-	-	-	-

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions





CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	5	14	-	13	13	0	0	0	0	0
Men	-	-	-	9	12	-	-	-	0	0
Women	-	-	-	4	1	-	-	-	0	0
First Year	-	-	-	4	3	-	-	-	-	-
Beyond First Year	-	-	-	9	10	-	-	-	-	-
U S Citizens	-	-	-	12	10	-	-	0	-	-
Foreign	-	-	-	1	3	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	0	0	-	0	0	0	0	0	0	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	0	4	-	9	7	0	0	0	0	0
Life Sciences	5	10	-	4	6	0	0	0	0	0
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	0	0	-	0	0	0	0	0	0	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	12	12	-	2	3
Engineering	0	0	-	0	0
Physical Sciences	0	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	2	6	-	0	3
Life Sciences	10	6	-	2	0
Psychology	0	0	-	0	0
Social Sciences	0	0	-	0	0

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
<b>FELLOWSHIPS &amp; TRAINEESHIPS</b>	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>RESEARCH ASSISTANTSHIPS</b>	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>TEACHING ASSISTANTSHIPS</b>	-	-	-	9	8
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	9	8
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>OTHER TYPES OF SUPPORT</b>	-	-	-	4	5
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	4	5

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	41	62	61	-	54	49	4	7	8	5	14	17
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	4	5	5	-	3	4	0	0	0	-	0	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	3	2	-	2	2	0	0	0	-	0	0
Physicists	1	2	3	-	1	1	0	0	0	-	0	0
Physical Scientists, n.e.c.	0	0	0	-	0	1	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	2	2	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	2	2	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	9	14	15	-	13	12	1	1	1	-	10	12
Mathematicians	8	9	10	-	11	10	0	1	0	-	1	3
Computer Scientists	1	5	5	-	2	2	1	0	1	-	9	9
LIFE SCIENTISTS	11	11	11	-	10	9	0	0	1	-	1	1
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	11	11	11	-	10	9	0	0	1	-	1	1
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	4	12	8	-	6	5	0	4	3	-	0	1
SOCIAL SCIENTISTS	13	18	20	-	22	19	3	2	3	-	3	3
Economists	3	4	4	-	3	3	0	0	0	-	0	0
Political Scientists	3	3	6	-	5	4	0	1	0	-	0	0
Sociologists	2	8	7	-	8	7	0	0	0	-	1	1
Social Scientists, n.e.c.	5	3	3	-	6	5	3	1	3	-	2	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	20	35	32	-	31	28	1	5	3	-	1	3
FIRST PROFESSIONAL	1	1	1	-	0	0	0	0	0	-	0	0
MASTER'S	20	26	25	-	23	21	3	2	5	-	13	14
BACHELOR'S (or equivalent)	0	0	3	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	47	47	-	40	36	15	14	-	14	13
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	4	5	-	3	3	1	0	-	0	1
Environmental Scientists	1	1	-	0	0	1	1	-	0	0
Mathematical & Computer Scientists	11	12	-	10	10	3	3	-	3	2
Life Scientists	9	8	-	8	7	2	3	-	2	2
Psychologists	8	7	-	4	4	4	1	-	2	1
Social Scientists	14	14	-	15	12	4	6	-	7	7

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	494	836	726	284	712	2,685	477	1,616	25	0	1,591
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,551	0	0	1,551
Environmental Protection Agency	0	0	0	0	0	0	0	26	0	0	26
Dept. of Health & Human Services	486	836	726	284	657	2,685	477	14	0	0	14
National Institutes of Health	84	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	402	685	663	284	639	2,665	462	0	0	0	0
Other HHS	0	151	63	0	18	20	15	14	0	0	14
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	8	0	0	0	55	0	0	25	25	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	494	836	726	284	712	2,685	477	1,616
Research and Development	0	0	0	0	0	0	0	25
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	55	0	0	0
Other Science	8	0	0	0	0	0	0	0
Non-Science	486	836	726	284	657	2,685	477	1,591

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	14I	14I	14I	-	14I	14I	2I	2I	2I	-	2I
ENGINEERS	2I	2I	2I	-	2I	2I	0I	0I	0I	-	0I	0I
Aeronautical & Astronautical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Chemical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Civil Engineers	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Electrical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Mechanical Engineers	1I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
Engineers, n.e.c.	0I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
PHYSICAL SCIENTISTS	2I	2I	2I	-	2I	2I	0I	0I	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	1I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
Physicists	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Physical Scientists, n.e.c.	0I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
ENVIRONMENTAL SCIENTISTS	0I	0I	0I	-	0I	0I	0I	1I	1I	-	1I	1I
Atmospheric Scientists	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Earth Scientists	0I	0I	0I	-	0I	0I	0I	1I	1I	-	1I	1I
Oceanographers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2I	3I	3I	-	3I	3I	0I	1I	1I	-	1I	1I
Mathematicians	2I	2I	2I	-	2I	2I	0I	1I	1I	-	1I	1I
Computer Scientists	0I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
LIFE SCIENTISTS	3I	3I	3I	-	3I	3I	1I	0I	0I	-	0I	0I
Agricultural Scientists	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Biological Scientists	2I	2I	2I	-	2I	2I	1I	0I	0I	-	0I	0I
Medical Scientists	0I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2I	1I	1I	-	1I	1I	1I	0I	0I	-	0I	0I
SOCIAL SCIENTISTS	3I	3I	3I	-	3I	3I	0I	0I	0I	-	0I	0I
Economists	0I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
Political Scientists	1I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
Sociologists	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Social Scientists, n.e.c.	1I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS, JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	0I	2I	2I	-	2I	2I	0I	1I	1I	-	1I	1I
FIRST PROFESSIONAL	0I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I
MASTER'S	9I	10I	10I	-	10I	10I	2I	1I	1I	-	1I	1I
BACHELOR'S (or equivalent)	2I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX, JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	14I	14I	-	14I	14I	0I	0I	-	0I	0I
Engineers	2I	2I	-	2I	2I	0I	0I	-	0I	0I
Physical Scientists	2I	2I	-	2I	2I	0I	0I	-	0I	0I
Environmental Scientists	0I	0I	-	0I	0I	0I	0I	-	0I	0I
Mathematical & Computer Scientists	3I	3I	-	3I	3I	0I	0I	-	0I	0I
Life Scientists	3I	3I	-	3I	3I	0I	0I	-	0I	0I
Psychologists	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Social Scientists	3I	3I	-	3I	3I	0I	0I	-	0I	0I

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges







TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2	0	40	125	224	209	95	182	0	0	182
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	182	0	0	182
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	2	0	40	125	89	209	95	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	2	0	40	125	89	209	95	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	135	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY, 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2	0	40	125	224	209	95	182
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	135	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	2	0	40	125	89	209	95	182

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL	1,519	1,925	2,015	5,190	2,262	2,757	1,160	2,130	0	142	1,988
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,988	0	0	1,988
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	1,361	1,925	2,015	4,971	2,231	2,556	1,160	142	0	142	0
National Institutes of Health	0	0	0	0	0	118	185	142	0	142	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,361	1,925	2,015	4,971	2,231	2,438	975	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	158	0	0	219	31	201	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,519	1,925	2,015	5,190	2,262	2,757	1,160	2,130
Research and Development	8	0	0	0	0	29	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	5	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	122	67
General Support for Science	145	0	0	219	31	290	63	75
Other Science	0	0	0	0	0	0	0	0
Non-Science	1,361	1,925	2,015	4,971	2,231	2,438	975	1,988

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	29	27	27I	-	27I	28I	3	4	4I	-	5I	5I
ENGINEERS	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n e c	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	3	2	2I	-	2I	2I	1	1	1I	-	1I	1I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	2	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Physicists	1	0	0I	-	0I	0I	1	1	1I	-	1I	1I
Physical Scientists, n e c	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	7	5	5I	-	5I	6I	0	1	1I	-	1I	1I
Mathematicians	6	5	5I	-	5I	6I	0	1	1I	-	1I	1I
Computer Scientists	1	0	0I	-	0	0	0	0	0I	-	0	0
LIFE SCIENTISTS	7	7	7I	-	7I	7I	0	0	0I	-	0I	0I
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	7	7	7I	-	7I	7I	0	0	0I	-	0I	0I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	0	0I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENTISTS	11	13	13I	-	13I	13I	2	2	2I	-	3I	3I
Economists	1	0	0I	-	0	0	0	0	0I	-	0	0
Political Scientists	4	3	3I	-	3I	3I	0	1	1I	-	1I	1I
Sociologists	2	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Social Scientists, n e c	4	8	8I	-	8I	8I	2	1	1I	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	10	6	6I	-	6I	6I	0	2	2I	-	2I	2I
FIRST PROFESSIONAL	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S	19	19	19I	-	19I	20I	3	2	2I	-	3I	3I
BACHELOR (or equivalent)	0	2	2I	-	2I	2I	0	0	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	12	12I	-	12I	13I	15	15I	-	15I	15I
Engineers	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists	1	1I	-	1I	1I	1	1I	-	1I	1I
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	3	3I	-	3I	4I	2	2I	-	2I	2I
Life Scientists	1	1I	-	1I	1I	6	6I	-	6I	6I
Psychologists	0	0I	-	0	0	0	0I	-	0	0
Social Scientists	7	7I	-	7I	7I	6	6I	-	6I	6I

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	236	555	879	1,304	2,728	2,734	2,109	1,564	0	0	1,564
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,561	0	0	1,561
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	236	555	617	1,282	2,518	2,734	2,109	3	0	0	3
National Institutes of Health	37	35	31	37	18	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	199	509	571	1,245	2,497	2,734	2,107	0	0	0	0
Other HHS	0	11	15	0	3	0	2	3	0	0	3
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	19	0	0	0	0	0	0	0	0
National Science Foundation	0	0	243	22	210	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	236	555	879	1,304	2,728	2,734	2,109	1,564
Research and Development	0	0	19	22	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	37	35	31	37	228	0	0	0
Other Science	0	0	243	0	0	0	0	0
Non Science	199	520	586	1,245	2,500	2,734	2,109	1,564

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	14	17	21	-	21I	22I	2	7	1	-	1I	1I
ENGINEERS	0	1	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	1	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n e c	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	4	3	4	-	4I	4I	1	1	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	3	3	-	3I	3I	1	1	0	-	0I	0I
Physicists	1	0	1	-	1I	1I	0	0	0	-	0I	0I
Physical Scientists, n e c	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n e c	0	0	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	4	4	6	-	6I	6I	0	2	0	-	0I	0I
Mathematicians	3	3	3	-	3I	3I	0	2	0	-	0I	0I
Computer Scientists	1	1	3	-	3I	3I	0	0	0	-	0I	0I
LIFE SCIENTISTS	4	4	4	-	4I	4I	0	0	0	-	0I	0I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	4	4	4	-	4I	4I	0	0	0	-	0I	0I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	3	2	-	2I	2I	0	1	1	-	1I	1I
SOCIAL SCIENTISTS	1	2	5	-	5I	6I	1	3	0	-	0I	0I
Economists	0	0	0	-	0	0	0	0	0	-	0	0
Political Scientists	0	0	4	-	4I	5I	1	1	0	-	0I	0I
Sociologists	1	1	1	-	1I	1I	0	2	0	-	0I	0I
Social Scientists, n e c	0	1	0	-	0	0	0	0	0	-	0	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	9	11	12	-	12I	12I	1	1	1	-	1I	1I
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	5	6	9	-	9I	10I	1	5	0	-	0I	0I
BACHELOR'S (or equivalent)	0	0	0	-	0	0	0	1	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	14	16	-	16I	17I	3	5	-	5I	5I
Engineers	1	0	-	0	0	0	0	-	0	0
Physical Scientists	3	4	-	4I	4I	0	0	-	0I	0I
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	2	3	-	3I	3I	2	3	-	3I	3I
Life Scientists	4	3	-	3I	3I	0	1	-	1I	1I
Psychologists	3	1	-	1I	1I	0	1	-	1I	1I
Social Scientists	1	5	-	5I	6I	1	0	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL	374	492	653	1,325	1,664	1,519	922	991	0	0	991
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	986	0	0	986
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	374	492	528	1,325	1,654	1,502	768	5	0	0	5
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	374	492	528	1,325	1,471	1,428	562	0	0	0	0
Other HHS	0	0	0	0	183	74	206	5	0	0	5
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	125	0	10	17	154	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	374	492	653	1,325	1,664	1,519	922	991
Research and Development	0	0	0	0	0	5	0	0
R.D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	12	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	10	0	154	0
Other Science	0	0	125	0	0	0	0	0
Non Science	374	492	528	1,325	1,654	1,502	768	991

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	181	191	33	-	19	19	71	71	7	-	0	0
ENGINEERS	31	21	0	-	0	0	11	11	0	-	0	0
Aeronautical & Astronautical Engineers	01	01	0	-	0	0	01	01	0	-	0	0
Chemical Engineers	11	01	0	-	0	0	01	01	0	-	0	0
Civil Engineers	01	01	0	-	0	0	01	01	0	-	0	0
Electrical Engineers	11	01	0	-	0	0	11	01	0	-	0	0
Mechanical Engineers	01	11	0	-	0	0	01	01	0	-	0	0
Engineers, n e c	11	11	0	-	0	0	01	11	0	-	0	0
PHYSICAL SCIENTISTS	21	21	6	-	4	4	11	11	0	-	0	0
Astronomers			0	-	0	0			0	-	0	0
Chemists	11	21	3	-	2	2	11	01	0	-	0	0
Physicists	01	01	1	-	2	2	01	01	0	-	0	0
Physical scientists, n e c	11	01	2	-	0	0	01	11	0	-	0	0
ENVIRONMENTAL SCIENTISTS	11	11	0	-	0	0	01	01	0	-	0	0
Atmospheric Scientists	01	01	0	-	0	0	01	01	0	-	0	0
Earth Scientists	11	11	0	-	0	0	01	01	0	-	0	0
Oceanographers	01	01	0	-	0	0	01	01	0	-	0	0
Environmental Scientists, n e c			0	-	0	0			0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	31	41	9	-	8	8	21	21	2	-	0	0
Mathematicians	31	31	7	-	6	6	11	11	1	-	0	0
Computer Scientists	01	11	2	-	2	2	11	11	1	-	0	0
LIFE SCIENTISTS	41	51	8	-	3	3	11	11	3	-	0	0
Agricultural Scientists	01	01	0	-	0	0	01	11	0	-	0	0
Biological Scientists	31	41	3	-	3	3	01	01	3	-	0	0
Medical Scientists	11	11	5	-	0	0	11	01	0	-	0	0
Life Scientists, n e c			0	-	0	0			0	-	0	0
PSYCHOLOGISTS	11	11	2	-	0	0	11	11	0	-	0	0
SOCIAL SCIENTISTS	41	41	8	-	4	4	11	11	2	-	0	0
Economists	11	11	1	-	0	0	01	01	1	-	0	0
Political Scientists	11	11	2	-	0	0	11	11	0	-	0	0
Sociologists	11	11	0	-	4	4	01	01	0	-	0	0
Social Scientists, n e c	11	11	5	-	0	0	01	01	1	-	0	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	3I	3I	2	-	2	2	1I	0I	0	-	0	0
FIRST PROFESSIONAL	0I	0I	0	-	0	0	0I	0I	0	-	0	0
MASTER'S	13I	14I	27	-	17	17	4I	5I	4	-	0	0
BACHELOR'S (or equivalent)	2I	2I	4	-	0	0	2I	2I	3	-	0	0

FULL TIME SCIENTISTS AND ENGINEERS BY FIELD AND SEX JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	15I	21	-	15	15	4I	12	-	4	4
Engineers	2I	0	-	0	0	0I	0	-	0	0
Physical Scientists	2I	4	-	3	3	0I	2	-	1	1
Environmental Scientists	1I	0	-	0	0	0I	0	-	0	0
Mathematical & Computer Scientists	3I	6	-	6	6	1I	3	-	2	2
Life Scientists	3I	3	-	3	3	2I	5	-	0	0
Psychologists	0I	1	-	0	0	1I	1	-	0	0
Social Scientists	4I	7	-	3	3	0I	1	-	1	1

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY FY 1973 80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	126	362	306	587	549	1,202	448	616	0	168	448
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	448	0	0	448
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	126	362	306	587	416	812	426	144	0	144	0
National Institutes of Health	0	0	0	0	0	0	148	144	0	144	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	126	362	306	587	416	812	278	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	133	390	22	24	0	24	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT FY 1973 80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	126	362	306	587	549	1,202	448	616
Research and Development	0	0	0	0	0	0	0	0
R.D. Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	133	390	148	164
Other Science	0	0	0	0	0	0	22	24
Non Science	126	362	306	587	416	812	278	448

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	8	7	9	-	10	9	5	6	4	-	1	2
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	1	1	1	-	2	0	0	1	0	-	0	1
Astronomers	0	0	0	-	0	0	0	0	0	-	0	0
Chemists	1	0	0	-	1	0	0	1	0	-	0	0
Physicists	0	0	1	-	1	0	0	0	0	-	0	1
Physical Scientists, n.e.c.	0	1	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	1	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	1	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	2	1	-	1	2	3	1	1	-	1	1
Mathematicians	2	2	1	-	1	0	3	1	1	-	1	1
Computer Scientists	0	0	0	-	0	2	0	0	0	-	0	0
LIFE SCIENTISTS	3	2	3	-	5	5	1	2	2	-	0	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	3	2	3	-	5	5	1	2	2	-	0	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	1	1	0	-	1	1	0	1	0	-	0	0
SOCIAL SCIENTISTS	1	1	3	-	1	1	1	1	1	-	0	0
Economists	1	0	1	-	1	1	1	1	0	-	0	0
Political Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Sociologists	0	1	2	-	0	0	0	0	1	-	0	0
Social Scientists n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS JANUARY 1976 81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	1	2	4		4	3	0	1	0	-	0	0
FIRST PROFESSIONAL	0	0	0		0	0	0	0	0	-	0	0
MASTER'S	6	4	4		2	2E	2	2	4	-	0	2E
BACHELOR'S (or equivalent)	1	1	1		4	4	3	3	0	-	1	0

FULL TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	4	7	-	8	7	3	2	-	2	2
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	1	1	-	2	0	0	0	-	0	0
Environmental Scientists	0	1	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	2	1	-	1	2	0	0	-	0	0
Life Scientists	0	1	-	3	3	2	2	-	2	2
Psychologists	1	0	-	1	1	0	0	-	0	0
Social Scientists	0	3	-	1	1	1	0	-	0	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	982	1,523	1,452	1,890	2,621	2,429	2,287	1,666	0	375	1,291
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,291	0	0	1,291
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	982	1,523	1,452	1,890	2,621	2,429	2,287	128	0	128	0
National Institutes of Health	54	79	70	52	34	61	0	128	0	128	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	928	1,444	1,382	1,838	2,587	2,368	2,287	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	247	0	247	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	982	1,523	1,452	1,890	2,621	2,429	2,287	1,666
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	54	79	70	52	34	61	0	128
Other Science	0	0	0	0	0	0	0	247
Non-Science	928	1,444	1,382	1,838	2,587	2,368	2,287	1,291

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS, JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	18	12	15		15	16	0	0	0		0	0
ENGINEERS	0	0	0		0	0	0	0	0		0	0
Aeronautical & Astronautical Engineers	0	0	0		0	0	0	0	0		0	0
Chemical Engineers	0	0	0		0	0	0	0	0		0	0
Civil Engineers	0	0	0		0	0	0	0	0		0	0
Electrical Engineers	0	0	0		0	0	0	0	0		0	0
Mechanical Engineers	0	0	0		0	0	0	0	0		0	0
Engineers, n.e.c.	0	0	0		0	0	0	0	0		0	0
PHYSICAL SCIENTISTS	3	3	3		3	3	0	0	0		0	0
Astronomers			0		0	0	0	0	0		0	0
Chemists	2	2	2		2	2	0	0	0		0	0
Physicists	1	1	1		1	1	0	0	0		0	0
Physical Scientists, n.e.c.	0	0	0		0	0	0	0	0		0	0
ENVIRONMENTAL SCIENTISTS	0	0	0		0	0	0	0	0		0	0
Atmospheric Scientists	0	0	0		0	0	0	0	0		0	0
Earth Scientists	0	0	0		0	0	0	0	0		0	0
Oceanographers	0	0	0		0	0	0	0	0		0	0
Environmental Scientists, n.e.c.	0	0	0		0	0	0	0	0		0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3	1	3		3	3	0	0	0		0	0
Mathematicians	3	1	3		3	3	0	0	0		0	0
Computer Scientists	0	0	0		0	0	0	0	0		0	0
LIFE SCIENTISTS	3	2	3		3	3	0	0	0		0	0
Agricultural Scientists	0	0	0		0	0	0	0	0		0	0
Biological Scientists	3	2	3		3	3	0	0	0		0	0
Medical Scientists	0	0	0		0	0	0	0	0		0	0
Life Scientists, n.e.c.	0	0	0		0	0	0	0	0		0	0
PSYCHOLOGISTS	4	3	3		3	4	0	0	0		0	0
SOCIAL SCIENTISTS	5	3	3		3	3	0	0	0		0	0
Economists	1	0	0		0	0	0	0	0		0	0
Political Scientists	1	1	1		1	1	0	0	0		0	0
Sociologists	2	2	2		2	2	0	0	0		0	0
Social Scientists, n.e.c.	1	0	0		0	0	0	0	0		0	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	10	6	9	-	9I	10I	0	0	0	-	0I	0I
FIRST PROFESSIONAL .....	0	1	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	8	5	6	-	6I	6I	0	0	0	-	0I	0I
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	10	11	-	11I	12I	2	4	-	4I	4I
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists' .....	2	2	-	2I	2I	1	1	-	1I	1I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists .....	1	3	-	3I	3I	0	0	-	0I	0I
Life Scientists .....	2	2	-	2I	2I	0	1	-	1I	1I
Psychologists .....	3	2	-	2I	3I	0	1	-	1I	1I
Social Scientists .....	2	2	-	2I	2I	1	1	-	1I	1I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	641	1,289	1,087	1,468	2,023	2,043	2,816	1,628	100	262	1,266
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	35	35	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,203	0	0	1,203
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	598	931	989	1,445	1,998	1,984	2,494	331	6	262	63
National Institutes of Health	0	127	85	68	177	297	265	262	0	262	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	539	756	896	1,301	1,776	1,585	2,109	0	0	0	0
Other HHS	59	48	8	76	45	102	120	69	6	0	63
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	21	78	48	23	25	35	41	59	59	0	0
National Science Foundation	22	280	50	0	0	24	281	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	641	1,289	1,087	1,468	2,023	2,043	2,816	1,628
Research and Development	37	98	69	23	25	70	65	100
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	59	48	8	76	140	131	119	84
General Support for Science	6	387	85	68	82	207	464	178
Other Science	0	0	29	0	0	0	0	0
Non-Science	539	756	896	1,301	1,776	1,635	2,168	1,266

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions



FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA	DOD	HHS
TOTAL	37	98	69	23	25	70	65	100	59	35	6
ENGINEERING	0	25	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	25	0	0	0	0	0	0	0	0	0
Engineering, n e c	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	37	53	48	23	25	35	41	59	59	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	21	22	0	0	0	0	0	0	0	0
Physics	37	32	26	23	25	35	41	59	59	0	0
Physical Sciences, n.e.c	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	21	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	21	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Biological Sciences	0	0	0	0	0	0	0	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	20	0	0	0	35	24	6	0	0	6
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n e c	0	20	0	0	0	35	24	6	0	0	6
OTHER SCIENCES, n e c	0	0	0	0	0	0	0	35	0	35	0

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	23	23I	23I	-	23I	35	1	1I	1I	-	1I	3
ENGINEERS	0	1I	1I	-	1I	0	0	0I	0I	-	0I	0
Aeronautical & Astronautical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Chemical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Civil Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Electrical Engineers	0	1I	1I	-	1I	0	0	0I	0I	-	0I	0
Mechanical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Engineers, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
PHYSICAL SCIENTISTS	4	4I	4I	-	4I	7	0	0I	0I	-	0I	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	2	3I	3I	-	3I	4	0	0I	0I	-	0I	0
Physicists	2	1I	1I	-	1I	3	0	0I	0I	-	0I	0
Physical Scientists, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Atmospheric Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Earth Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Oceanographers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	4	4I	4I	-	4I	6	0	0I	0I	-	0I	0
Mathematicians	3	3I	3I	-	3I	4	0	0I	0I	-	0I	0
Computer Scientists	1	1I	1I	-	1I	2	0	0I	0I	-	0I	0
LIFE SCIENTISTS	4	4I	4I	-	4I	8	1	0I	0I	-	0I	0
Agricultural Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Biological Scientists	4	4I	4I	-	4I	7	1	0I	0I	-	0I	0
Medical Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	1	-	-	0	-	0	0
PSYCHOLOGISTS	2	3I	3I	-	3I	2	0	1I	1I	-	1I	0
SOCIAL SCIENTISTS	0	7I	7I	-	7I	12	0	0I	0I	-	0I	3
Economists	3	2I	2I	-	2I	1	0	0I	0I	-	0I	0
Political Scientists	1	2I	2I	-	2I	1	0	0I	0I	-	0I	0
Sociologists	2	2I	2I	-	2I	5	0	0I	0I	-	0I	0
Social Scientists, n.e.c.	3	1I	1I	-	1I	5	0	0I	0I	-	0I	3

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	11	16I	16I	-	16I	16	1	0I	0I	-	0I	0
FIRST PROFESSIONAL .....	0	0I	0I	-	0	0	0	0I	0I	-	0	0
MASTER'S .....	11	7I	7I	-	7I	16	0	1I	1I	-	1I	2
BACHELOR'S (or equivalent) .....	1	0I	0I	-	0	3	0	0I	0I	-	0	1

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	19I	19I	-	19I	22	4I	4I	-	4I	13
Engineers .....	1I	1I	-	1I	0	0I	0I	-	0I	0
Physical Scientists .....	3I	3I	-	3I	7	1I	1I	-	1I	0
Environmental Scientists .....	0I	0I	-	0	0	0I	0I	-	0	0
Mathematical & Computer Scientists .....	3I	3I	-	3I	3	1I	1I	-	1I	3
Life Scientists .....	3I	3I	-	3I	3	1I	1I	-	1I	5
Psychologists .....	3I	3I	-	3I	1	0I	0I	-	0I	1
Social Scientists .....	6I	6I	-	6I	8	1I	1I	-	1I	4

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/26/82

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*          INSTITUTIONAL PROFILE          *
*
*          001050                         *
*
*          TUSKEGEE INSTITUTE             *
*
*          Private                         Master's-Granting *
*
*          CARNEGIE COUNCIL CATEGORY:  2 1 *
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges  
NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF/NIH Survey of Graduate Science Students and Postdoctorates  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

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National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING.  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,092	1,299I	837	-	501	631	1,026	1,016I	833	-	470	615
ENGINEERING	70	481	121	-	259	0	70	291	121	-	259	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n e c	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	135	347I	0	-	0	0	135	211I	0	-	0	0
Astronomy	0	2I	0	-	0	0	0	1I	0	-	0	0
Chemistry	112	148I	0	-	0	0	112	120I	0	-	0	0
Physics	23	121I	0	-	0	0	23	78I	0	-	0	0
Physical Sci, n e c	0	76I	0	-	0	0	0	12I	0	-	0	0
ENVIRONMENTAL SCIENCES	0	236I	0	-	0	0	0	209I	0	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci	-	-	-	-	-	0	-	-	-	-	-	0
Env'tl Sci, n e c	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	0	20I	0	-	0	0	0	14I	0	-	0	0
Mathematics	0	11I	0	-	0	0	0	10I	0	-	0	0
Computer Science	0	9I	0	-	0	0	0	4I	0	-	0	0
LIFE SCIENCES	736	232I	716E	-	242	631	736	202I	712	-	211	615
Agricultural Sciences	332	2I	716E	-	0	0	332	0I	712	-	0	0
Biological Sciences	146	230I	0	-	0	0	146	202I	0	-	0	0
Medical Sciences	258	0I	0	-	242	631	258	0I	0	-	211	615
Life Sci, n e c	0	0I	0	-	0	0	0	0I	0	-	0	0
PSYCHOLOGY	0	87I	0	-	0	0	0	82I	0	-	0	0
SOCIAL SCIENCES	76	272I	0	-	0	0	76	231I	0	-	0	0
Economics	0	13I	0	-	0	0	0	11I	0	-	0	0
Political Science	0	14I	0	-	0	0	0	11I	0	-	0	0
Sociology	4	6I	0	-	0	0	4	4I	0	-	0	0
Social Sci, n e c	72	239I	0	-	0	0	72	205I	0	-	0	0
OTHER SCIENCES, n e c	75	57I	0	-	0	0	9	38I	0	-	0	0

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,092	1,299I	837	-	501	631
Federal Government	1,026	1,016I	833	-	470	615
State and Local Government	0	19I	0	-	0	0
Industry	9	50I	0	-	31	16
Institutional Funds	26	65I	4	-	0	0
All Other Outside Sources	31	149I	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,132	1,234I	60	-	89	63	543	180I	60	-	80	49
Engineering	10	138I	0	-	45	0	0	1I	0	-	45	0
Physical Sciences	0	248I	0	-	0	0	0	64I	0	-	0	0
Environmental Sciences	0	25I	0	-	0	0	0	10I	0	-	0	0
Math & Computer Sci.	0	222I	0	-	0	0	0	13I	0	-	0	0
Life Sciences	1,111	315I	60	-	44	63	543	70I	60	-	35	49
Psychology	0	34I	0	-	0	0	0	3I	0	-	0	0
Social Sciences	11	105I	0	-	0	0	0	11I	0	-	0	0
Other Sciences, n e c.	0	147I	0	-	0	0	0	8I	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS									1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci	
TOTAL	6,874	9,404	5,654	10,000	10,058	10,183	5,782	10,038	2,595	1,566	5,877	
Department of Agriculture	986	1,050	1,103	1,257	1,315	1,463	1,566	2,014	1,446	566	2	
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0	
Department of Defense	85	25	93	49	0	40	41	39	39	0	0	
Department of Education	0	0	0	0	0	0	0	4,731	0	72	4,659	
Department of Energy	43	15	33	20	0	0	84	46	46	0	0	
Environmental Protection Agency	146	38	119	35	0	5	2	124	124	0	0	
Dept. of Health & Human Services	4,574	7,763	4,161	8,059	7,380	8,489	3,568	2,022	79	727	1,216	
National Institutes of Health	1,509	717	495	388	256	498	498	727	0	727	0	
ADAMHA	162	143	112	13	113	104	72	50	0	0	50	
Office of Education	2,857	4,057	2,945	3,478	5,414	7,367	2,113	0	0	0	0	
Other HHS	46	2,846	609	4,180	1,597	520	885	1,245	79	0	1,166	
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0	
Department of the Interior	0	0	0	0	0	0	0	75	75	0	0	
AID	0	0	0	446	1,172	0	270	487	487	0	0	
Department of Labor	0	0	0	0	0	0	0	0	0	0	0	
NASA	21	66	67	65	121	75	161	312	299	13	0	
National Science Foundation	99	447	78	69	70	111	90	188	0	188	0	
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0	
Department of Transportation	20	0	0	0	0	0	0	0	0	0	0	

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	6,874	9,404	5,654	10,000	10,058	10,183	5,782	10,038
Research and Development	1,011	1,267	1,177	1,538	2,216	1,008	1,633	2,595
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	32	16	17	0	0	20	0	25
Fellowships & Training Grants	181	359	123	171	87	209	93	272
General Support for Science	192	542	304	244	168	384	486	622
Other Science	404	346	384	477	459	617	560	647
Non-Science	5,054	6,874	3,649	7,570	7,128	7,945	3,010	5,877

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80 AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
 (In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	AID	NASA
TOTAL	1,011	1,267	1,177	1,538	2,216	1,008	1,633	2,595	1,446	487	299
ENGINEERING	21	167	108	81	118	67	140	173	0	0	157
Aeronautical	0	24	0	0	0	0	34	80	0	0	80
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	44	25	0	0	0	0	16	0	0	0
Civil	0	38	30	0	0	0	0	0	0	0	0
Electrical	21	24	30	26	23	0	0	37	0	0	37
Mechanical	0	12	23	15	35	10	27	40	0	0	40
Metallurgy and Materials	0	0	0	0	60	55	79	0	0	0	0
Engineering, n e c	0	25	0	40	0	2	0	0	0	0	0
PHYSICAL SCIENCES	17	0	21	22	0	2	0	68	0	0	68
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	17	0	0	0	0	2	0	30	0	0	30
Physics	0	0	0	22	0	0	0	0	0	0	0
Physical Sciences, n e c	0	0	21	0	0	0	0	38	0	0	38
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	0	20	0	0	0	0	0	19	0	0	19
LIFE SCIENCES	953	934	865	860	870	837	1,331	2,093	1,313	487	55
Biological Sciences	783	623	861	860	870	837	176	455	226	0	30
Medical Sciences	170	311	4	0	0	0	1,155	1,638	1,087	487	25
Life Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	93	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	20	135	75	526	1,211	102	78	212	133	0	0
Economics	0	40	0	10	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	20	25	0	495	1,172	70	78	133	133	0	0
Social Sciences, n e c	0	70	75	21	39	32	0	79	0	0	0
OTHER SCIENCES, n e c	0	11	15	49	17	0	84	30	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions



\*CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	79	89	-	73	71	39	29	0	32	4
Men	-	-	-	54	59	-	-	-	21	3
Women	-	-	-	19	12	-	-	-	11	1
First Year	-	-	-	21	18	-	-	-	-	-
Beyond First Year	-	-	-	52	53	-	-	-	-	-
U S Citizens	-	-	-	44	46	-	-	0	-	-
Foreign	-	-	-	29	25	-	-	0	-	-
Engineering	8	22	-	10	9	8	8	0	0	0
Physical Sciences	6	6	-	8	8	2	0	0	1	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	0	0	-	0	0	0	0	0	0	0
Life Sciences	65	61	-	55	54	29	21	0	31	4
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	0	0	-	0	0	0	0	0	0	0

▷ PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	9	35	-	9	9
Engineering	0	8	-	6	6
Physical Sciences	1	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	0	0	-	0	0
Life Sciences	8	27	-	3	3
Psychology	0	0	-	0	0
Social Sciences	0	0	-	0	0

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	1	1	-	-	-	1	1
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	1	1	-	-	-	1	1
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	13	2
Federal Support	-	-	-	13	1
Institutional Support	-	-	-	0	1
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	23	5
Federal Support	-	-	-	19	2
Institutional Support	-	-	-	3	2
Other Outside Support	-	-	-	1	1
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	22	13
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	22	13
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	15	51
Federal Support	-	-	-	0	1
Institutional Support	-	-	-	0	1
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	15	49

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	183I	139	130	-	131	134	5I	2	2	-	5	5
ENGINEERS	16I	15	19	-	20	21	0I	0	0	-	0	0
Aeronautical & Astronautical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Chemical Engineers	1I	1	1	-	1	0	0I	0	0	-	0	0
Civil Engineers	3I	0	0	-	0	0	0I	0	0	-	0	0
Electrical Engineers	5I	5	9	-	7	7	0I	0	0	-	0	0
Mechanical Engineers	5I	8	8	-	12	14	0I	0	0	-	0	0
Engineers, n.e.c.	2I	1	1	-	0	0	0I	0	0	-	0	0
PHYSICAL SCIENTISTS	32I	12	14	-	15	15	0I	0	0	-	1	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	18I	7	9	-	10	10	0I	0	0	-	0	0
Physicists	12I	5	5	-	5	5	0I	0	0	-	0	0
Physical Scientists, n.e.c.	2I	0	0	-	0	0	0I	0	0	-	0	0
65 ENVIRONMENTAL SCIENTISTS	5I	0	0	-	0	0	0I	0	0	-	0	0
Atmospheric Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Earth Scientists	4I	0	0	-	0	0	0I	0	0	-	0	0
Oceanographers	1I	0	0	-	0	0	0I	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	24	17	16	-	17	17	1I	0	0	-	0	0
Mathematicians	21I	14	15	-	14	14	1I	0	0	-	0	0
Computer Scientists	3I	3	1	-	3	3	0I	0	0	-	0	0
LIFE SCIENTISTS	25I	74	64	-	64	64	0I	2	2	-	3	3
Agricultural Scientists	0I	25	15	-	15	15	0I	0	0	-	1	1
Biological Scientists	22I	32	19	-	12	12	0I	1	1	-	0	0
Medical Scientists	3I	17	30	-	37	37	0I	1	1	-	2	2
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	22I	0	0	-	0	0	1I	0	0	-	0	0
SOCIAL SCIENTISTS	59I	21	17	-	15	17	3I	0	0	-	1	2
Economists	15I	6	4	-	4	4	1I	0	0	-	0	0
Political Scientists	13I	6	5	-	4	4	0I	0	0	-	0	0
Sociologists	15I	7	7	-	7	9	1I	0	0	-	1	2
Social Scientists, n.e.c.	16I	2	1	-	0	0	1I	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	120I	84	79	-	79	80	2I	1	1	-	2	4
FIRST PROFESSIONAL	1I	12	12	-	18	20	0I	0	0	-	1	1
MASTER'S	55I	41	38	-	33	34	3I	1	1	-	2	0
BACHELOR'S (or equivalent)	7I	2	1	-	1	0	0I	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

99

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	115	111	-	111	112	24	19	-	20	22
Engineers	15	19	-	20	20	0	0	-	0	1
Physical Scientists	10	12	-	12	12	2	2	-	3	3
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	12	11	-	11	11	5	5	-	6	6
Life Scientists	62	58	-	60	60	12	6	-	4	4
Psychologists	0	0	-	0	0	0	0	-	0	0
Social Scientists	16	11	-	8	9	5	6	-	7	8

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	44	74	61	127	243	357	49	166	0	0	166
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	166	0	0	166
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	44	74	61	127	243	357	49	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	44	74	61	127	243	357	49	0	0	0	0
Other, HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	44	74	61	127	243	357	49	166
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	44	74	61	127	243	357	49	166

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

2/25/82

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*
*          INSTITUTIONAL PROFILE          *
*
*          001103                        *
*
*          PHILANDER SMITH COLLEGE       *
*
*          Private                        Bachelor's-Granting *
*
*          CARNEGIE COUNCIL CATEGORY: 3.2 *
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	608	656	655	444	1,198	1,339	1,390	806	0	203	603
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	603	0	0	603
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	603	656	655	444	957	1,339	1,390	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	603	656	655	444	957	1,339	1,390	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	5	0	0	0	241	0	0	203	0	203	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	608	656	655	444	1,198	1,339	1,390	806
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	5	0	0	0	241	0	0	0
Other Science	0	0	0	0	0	0	0	203
Non Science	603	656	655	444	957	1,339	1,390	603

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	8	9	12	-	11	13	11	14	13	-	7	9
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	1	1	2	-	2	3	4	4	4	-	2	1
Astronomers	0	0	0	-	0	0	0	0	0	-	0	0
Chemists	1	1	2	-	2	2	1	1	2	-	0	0
Physicists	0	0	0	-	0	1	1	1	2	-	2	1
Physical Scientists, n.e.c.	0	0	0	-	0	0	2	2	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	2	2	-	2	2	0	0	0	-	1	1
Mathematicians	2	2	2	-	2	2	0	0	0	-	1	0
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	1
LIFE SCIENTISTS	2	3	3	-	3	2	1	1	1	-	1	1
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	2	3	3	-	3	2	1	1	1	-	1	1
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	0	0	2	-	0	1	2	2	2	-	2	2
SOCIAL SCIENTISTS	3	3	3	-	4	5	4	7	6	-	1	4
Economists	1	1	1	-	2	2	1	4	4	-	0	3
Political Scientists	1	1	1	-	1	2	1	1	0	-	1	0
Sociologists	1	1	1	-	1	1	2	2	2	-	0	1
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	4	4	7	-	4	5	5	5	6	-	6	5
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	3	3	3	-	5	7	4	7	6	-	1	4
BACHELOR'S (or equivalent) .....	1	2	2	-	2	1	2	2	1	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	7	10	-	8	10	2	2	-	3	3
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	1	2	-	2	3	0	0	-	0	0
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	2	2	-	1	1	0	0	-	1	1
Life Scientists .....	1	1	-	1	1	2	2	-	2	1
Psychologists .....	0	2	-	0	1	0	0	-	0	0
Social Scientists .....	3	3	-	4	4	0	0	-	0	1

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	101	94	100	189	301	349	116	165	0	0	165
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	165	0	0	165
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	101	94	100	189	301	349	116	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	101	94	100	189	301	349	116	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	101	94	100	189	301	349	116	165
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non Science	101	94	100	189	301	349	116	165

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

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*  
* INSTITUTIONAL PROFILE *  
*  
* 001086 *  
* UNIVERSITY OF ARKANSAS, PINE BLUFF *  
* Public Bachelor's-Granting *  
* CARNEGIE COUNCIL CATEGORY: 2.1 *  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges  
NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D. C. 20550  
(202) 634 4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE FUNDS, FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,430	2,247	2,472	-	2,635	3,564	666	1,288	1,244	-	1,256	2,106
ENGINEERING	14	37	56	-	79	47	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	471	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	71	91	159	-	164	203	1	0	30	-	0	18
Astronomy	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry	70	91	159	-	164	179	0	0	30	-	0	0
Physics	1	0	0	-	0	0	1	0	0	-	0	0
Physical Sci., n.e.c.	0	0	0	-	0	24	0	0	0	-	0	18
ENVIRONMENTAL SCIENCES	16	6	1	-	0	0	15	6E	1	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	222	286	350	-	409	510	0	0	0	-	0	0
Mathematics	134	187	234	-	245	324	0	0	0	-	0	0
Computer Science	88	99	116	-	164	186	0	0	0	-	0	0
LIFE SCIENCES	672	916	1,019	-	1,327	1,550	387	589	545	-	885	1,092
Agricultural Sciences	554	769	849	-	1,124	1,330	387	589	521	-	862	1,068
Biological Sciences	118	147	170	-	203	220	0	0	24	-	23	24
Medical Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Life Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENCES	172	277	256	-	277	765	0	79	37	-	0	521
Economics	0	0	0	-	0	0	0	0	0	-	0	0
Political Science	90	123	136	-	146	143	0	0	0	-	0	0
Sociology	82	95	83	-	131	622	0	0	0	-	0	521
Social Sci., n.e.c.	0	59	37	-	0	0	0	59	37	-	0	0
OTHER SCIENCES, n.e.c.	263	634	851	-	379	489	263	634	631	-	371	475

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,430	2,247	2,472	-	2,635	3,564
Federal Government	666	1,288	1,244	-	1,256	2,106
State and Local Government	0	0	30	-	863	1,052
Industry	14	37	26	-	79	183
Institutional Funds	750	853	1,068	-	284	203
All Other Outside Sources	0	69	104	-	153	20

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD, FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	78	200	83	-	104	386	44	135	64	-	80	498
Engineering	0	15	1	-	0	0	0	0	0	-	0	0
Physical Sciences	19	16	31	-	8	0	0	0	23	-	0	0
Environmental Sciences	3	0	0	-	0	1	3	0	0	-	0	0
Math. & Computer Sci.	4	15	8	-	8	174	0	0	0	-	0	1
Life Sciences	30	120	22	-	80	118	20	102	20	-	72	104
Psychology	0	0	0	-	0	0	0	0	0	-	0	0
Social Sciences	2	18	6	-	0	11	1	17	6	-	0	0
Other Sciences, n.e.c.	20	16	15	-	8	82	20	16	15	-	8	82

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,630	1,661	2,543	3,546	5,128	6,385	2,259	3,911	1,044	538	2,329
Department of Agriculture	905	875	799	878	1,115	1,200	1,357	1,399	910	489	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	2,307	0	0	2,307
Department of Energy	0	0	2	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	44	13	134	134	0	0
Dept. of Health & Human Services	719	757	1,637	2,629	3,862	5,134	889	22	0	0	22
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	719	757	1,637	2,629	3,862	5,066	869	0	0	0	0
Other HHS	0	0	0	0	0	68	20	22	0	0	22
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	20	0	0	0	0	0	0	0	0	0
National Science Foundation	6	9	105	36	151	7	0	49	0	49	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	3	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,630	1,661	2,543	3,546	5,128	6,385	2,259	3,911
Research and Development	589	609	639	722	720	807	896	1,044
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	12	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	3	0	65	0	0
General Support for Science	6	9	0	0	151	0	0	0
Other Science	316	286	257	192	395	437	474	538
Non-Science	707	757	1,637	2,629	3,862	5,076	889	2,329

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions



FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80 AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	EPA	
TOTAL	589	609	639	722	720	807	896	1,044	910	134	0
ENGINEERING	0	0	189	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n e c	0	0	189	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	0	0	0	0	44	13	12	0	12	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	44	13	12	0	12	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences n e c	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	20	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n e c	0	20	0	0	0	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	0	0	0	16	0	0	0	0	0	0	0
LIFE SCIENCES	194	214	450	416	720	336	410	522	400	122	0
Biological Sciences	194	214	450	416	720	336	0	122	0	122	0
Medical Sciences	0	0	0	0	0	0	410	400	400	0	0
Life Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	395	375	0	290	0	427	473	510	510	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	395	0	0	0	0	427	473	510	510	0	0
Social Sciences, n e c	0	375	0	290	0	0	0	0	0	0	0
OTHER SCIENCES n e c	0	0	0	0	0	0	0	0	0	0	0

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS, JANUARY 1976 81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	35	38	54	-	66	68I	1	0	3	-	5	5I
ENGINEERS	3	3	3	-	3	3I	0	0	0	-	0	0I
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	1	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	2	1	-	1	1I	0	0	0	-	0	0I
Mechanical Engineers	0	1	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	2	0	2	-	2	2I	0	0	0	-	0	0I
PHYSICAL SCIENTISTS	1	1	6	-	8	8I	0	0	0	-	1	1I
Astronomers	0	0	0	-	0	0	0	0	0	-	0	0
Chemists	0	0	3	-	4	4I	0	0	0	-	1	1I
Physicists	1	1	3	-	2	2I	0	0	0	-	0	0I
Physical Scientists, n.e.c.	0	0	0	-	2	2I	0	0	0	-	0	0I
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	1	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	1	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	7	9	9	-	7	7I	0	0	0	-	0	0I
Mathematicians	7	9	9	-	6	6I	0	0	0	-	0	0I
Computer Scientists	0	0	0	-	1	1I	0	0	0	-	0	0I
LIFE SCIENTISTS	8	8	19	-	32	33I	0	0	3	-	1	1I
Agricultural Scientists	1	1	10	-	15	16I	0	0	1	-	0	0I
Biological Scientists	7	7	9	-	7	7I	0	0	2	-	1	1I
Medical Scientists	0	0	0	-	10	10I	0	0	0	-	0	0I
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	1	2	-	2	2I	0	0	0	-	0	0I
SOCIAL SCIENTISTS	15	16	15	-	14	15I	0	0	0	-	3	3I
Economists	3	4	4	-	3	3I	0	0	0	-	0	0I
Political Scientists	4	4	5	-	4	4I	0	0	0	-	0	0I
Sociologists	7	8	6	-	7	8I	0	0	0	-	3	3I
Social Scientists, n.e.c.	1	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS, JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	20	17	37	-	36	37I	0	0	2	-	5	5I
FIRST PROFESSIONAL	0	0	2	-	0	0	0	0	0	-	0	0
MASTER'S	14E	21	15	-	25	26I	1	0	1	-	0	0I
BACHELOR'S (or equivalent)	1	0	0	-	5	5I	0	0	0	-	0	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	29	45	-	47	49I	9	9	-	19	19I
Engineers	3	3	-	3	3I	0	0	-	0	0I
Physical Scientists	1	5	-	7	7I	0	1	-	1	1I
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	7	7	-	7	7I	2	2	-	0	0I
Life Scientists	6	18	-	19	20I	2	1	-	13	13I
Psychologists	1	1	-	1	1I	0	1	-	1	1I
Social Scientists	11	11	-	10	11I	5	4	-	4	4I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/25/82

INSTITUTIONAL PROFILE	
001188	
Public	Two-Year Program
COMPTON COMMUNITY COLLEGE	
CARNEGIE COUNCIL CATEGORY: 4 1	

Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n e c" used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center, conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for

National Science Foundation  
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Universities and Nonprofit Institutions Studies Group  
Washington, D C 20550  
(202) 634 4673

Prepared by

Moshman Associates, Inc  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80 AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL	466	1,304	463	1,561	1,740	2,637	171	799	0	0	799
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	780	0	0	780
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	466	1,304	463	1,561	1,740	2,637	171	19	0	0	19
National Institutes of Health	39	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	427	1,265	434	1,533	1,710	2,619	149	0	0	0	0
Other HHS	0	39	29	28	30	18	22	19	0	0	19
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	466	1,304	463	1,561	1,740	2,637	171	799
Research and Development	0	0	0	0	0	0	0	0
P-D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non Science	466	1,304	463	1,561	1,740	2,637	171	799

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	28	29I	29I	-	29I	20	29	31I	33I	-	32I	57
ENGINEERS	2	3I	3I	-	3I	0	5	4I	4I	-	4I	0
Aeronautical & Astronautical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Chemical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Civil Engineers	1	1I	1I	-	1I	0	1	1I	1I	-	1I	0
Electrical Engineers	0	0I	0I	-	0I	0	2	1I	1I	-	1I	0
Mechanical Engineers	0	1I	1I	-	1I	0	1	0I	0I	-	0I	0
Engineers, n e c	1	1I	1I	-	1I	0	1	2I	2I	-	2I	0
PHYSICAL SCIENTISTS	5	4I	4I	-	4I	5	3	3I	3I	-	3I	6
Astronomers	-	-	0	-	0	0	-	-	0	-	0	1
Chemists	3	2I	2I	-	2I	2	1	1I	1I	-	1I	1
Physicists	2	1I	1I	-	1I	2	2	1I	1I	-	1I	3
Physical Scientists, n.e.c	0	1I	1I	-	1I	1	0	1I	1I	-	1I	1
ENVIRONMENTAL SCIENTISTS	1	1I	1I	-	1I	0	1	1I	1I	-	1I	0
Atmospheric Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Earth Scientists	1	1I	1I	-	1I	0	1	1I	1I	-	1I	0
Oceanographers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Environmental Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	7	6I	6I	-	6I	6	10	7I	8I	-	8I	20
Mathematicians	6	5I	5I	-	5I	5	7	6I	6I	-	6I	14
Computer Scientists	1	1I	1I	-	1I	1	3	1I	2I	-	2I	6
LIFE SCIENTISTS	4	6I	6I	-	6I	2	3	5I	5I	-	5I	7
Agricultural Scientists	1	1I	1I	-	1I	0	0	1I	1I	-	1I	2
Biological Scientists	3	4I	4I	-	4I	2	3	2I	2I	-	2I	5
Medical Scientists	0	1I	1I	-	1I	0	0	2I	2I	-	2I	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2	3I	3I	-	3I	2	0	4I	5I	-	4I	18
SOCIAL SCIENTISTS	7	6I	6I	-	6I	5	7	7I	7I	-	7I	6
Economists	1	1I	1I	-	1I	1	1	1I	1I	-	1I	0
Political Scientists	2	1I	1I	-	1I	1	1	1I	1I	-	1I	0
Sociologists	4	2I	2I	-	2I	2	5	3I	3I	-	3I	6
Social Scientists, n.e.c.	0	2I	2I	-	2I	1	0	2I	2I	-	2I	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	2	4I	4I	-	4I	2	2	5I	5I	-	5I	4
FIRST PROFESSIONAL	0	1I	1I	-	1I	0	0	0I	0I	-	0I	0
MASTER'S	26	21I	21I	-	21I	18	21	20I	22I	-	21I	48
BACHELOR'S (or equivalent)	0	3I	3I	-	3I	0	6	6I	6I	-	6I	5

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

85

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	24I	24I	-	24I	18	5I	5I	-	5I	2
Engineers	3I	3I	-	3I	0	0I	0I	-	0I	0
Physical Scientists	4I	4I	-	4I	5	0I	0I	-	0I	0
Environmental Scientists	1I	1I	-	1I	0	0I	0I	-	0I	0
Mathematical & Computer Scientists	5I	5I	-	5I	5	1I	1I	-	1I	1
Life Scientists	4I	4I	-	4I	2	2I	2I	-	2I	0
Psychologists	2I	2I	-	2I	2	1I	1I	-	1I	0
Social Scientists	5I	5I	-	5I	4	1I	1I	-	1I	1

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,480	1,368	1,214	4,303	1,810	1,975	893	1,977	423	511	1,043
Department of Agriculture	480	403	356	463	479	507	545	577	383	194	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	1,027	0	0	1,027
Department of Energy	0	0	0	0	0	0	0	40	40	0	0
Environmental Protection Agency	6	22	0	21	0	7	0	0	0	0	0
Dept of Health & Human Services	933	893	811	3,799	1,331	1,461	348	333	0	317	16
National Institutes of Health	84	71	80	62	15	0	0	317	0	317	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	849	728	631	3,536	1,305	1,352	286	0	0	0	0
Other HHS	0	94	100	201	11	109	62	16	0	0	16
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	55	4	47	0	0	0	0	0	0	0	0
National Science Foundation	6	46	0	20	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,480	1,368	1,214	4,303	1,810	1,975	893	1,977
Research and Development	334	334	333	344	314	336	356	423
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	18	0	0	0	0	0	0	0
Fellowships & Training Grants	6	0	0	0	0	0	0	0
General Support for Science	90	78	80	62	15	0	0	317
Other Science	201	134	70	160	165	178	189	194
Non Science	831	822	731	3,737	1,316	1,461	348	1,043

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	DOE	
TOTAL	334	334	333	344	314	336	356	423	383	40	0
ENGINEERING	0	0	0	221	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	221	0	0	0	0	0	0	0
PHYSICAL SCIENCES	32	20	47	0	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	33	0	0	0	0	0	0	0	0
Physics	32	20	14	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	20	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	20	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	114	229	225	38	314	130	132	145	145	0	0
Biological Sciences	114	207	225	17	314	123	132	145	145	0	0
Medical Sciences	0	22	0	21	0	7	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	19	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	188	66	61	65	0	206	224	238	238	0	0
Economics	188	0	0	0	0	128	139	147	147	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	78	85	91	91	0	0
Social Sciences, n.e.c.	0	66	61	65	0	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	40	0	40	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	691	701	711	-	711	731	01	01	01	-	01	01
ENGINEERS	71	81	81	-	81	81	01	01	01	-	01	01
Aeronautical & Astronautical Engineers	01	01	01	-	0	0	01	01	01	-	01	01
Chemical Engineers	11	01	01	-	0	0	01	01	01	-	0	0
Civil Engineers	11	21	21	-	21	21	01	01	01	-	01	01
Electrical Engineers	21	21	21	-	21	21	01	01	01	-	01	01
Mechanical Engineers	11	21	21	-	21	21	01	01	01	-	01	01
Engineers, n e c	21	21	21	-	21	21	01	01	01	-	01	01
PHYSICAL SCIENTISTS	121	101	101	-	101	111	01	01	01	-	01	01
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	71	51	51	-	51	51	01	01	01	-	01	01
Physicists	41	41	41	-	41	51	01	01	01	-	01	01
Physical Scientists, n e c	11	11	11	-	11	11	01	01	01	-	01	01
ENVIRONMENTAL SCIENTISTS	21	31	31	-	31	31	01	01	01	-	01	01
Atmospheric Scientists	11	01	01	-	0	0	01	01	01	-	0	0
Earth Scientists	11	31	31	-	31	31	01	01	01	-	01	01
Oceanographers	01	01	01	-	0	0	01	01	01	-	0	0
Environmental Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	121	121	131	-	131	131	01	01	01	-	01	01
Mathematicians	111	101	111	-	111	111	01	01	01	-	01	01
Computer Scientists	11	21	21	-	21	21	01	01	01	-	01	01
LIFE SCIENTISTS	111	131	131	-	131	131	01	01	01	-	01	01
Agricultural Scientists	11	11	11	-	11	11	01	01	01	-	01	01
Biological Scientists	91	121	121	-	121	121	01	01	01	-	01	01
Medical Scientists	11	01	01	-	0	0	01	01	01	-	0	0
Life Scientists, n.e.c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	61	71	71	-	71	71	01	01	01	-	01	01
SOCIAL SCIENTISTS	191	171	171	-	171	181	01	01	01	-	01	01
Economists	41	41	41	-	41	41	01	01	01	-	01	01
Political Scientists	41	41	41	-	41	51	01	01	01	-	01	01
Sociologists	71	61	61	-	61	61	01	01	01	-	01	01
Social Scientists, n e c	41	31	31	-	31	31	01	01	01	-	01	01

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	39I	39I	39I	-	39I	40I	0I	0I	0I	-	0I	0I
FIRST PROFESSIONAL	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
MASTER'S	26I	26I	27I	-	27I	27I	0I	0I	0I	-	0I	0I
BACHELOR'S (or equivalent)	3I	5I	5I	-	5I	6I	0I	0I	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	62I	62I	-	62I	64I	8I	9I	-	9I	9I
Engineers	8I	8I	-	8I	8I	0I	0I	-	0I	0I
Physical Scientists	10I	10I	-	10I	11I	0I	0I	-	0I	0I
Environmental Scientists	3I	3I	-	3I	3I	0I	0I	-	0I	0I
Mathematical & Computer Scientists	10I	10I	-	10I	10I	2I	3I	-	3I	3I
Life Scientists	11I	11I	-	11I	11I	2I	2I	-	2I	2I
Psychologists	6I	6I	-	6I	6I	1I	1I	-	1I	1I
Social Scientists	14I	14I	-	14I	15I	3I	3I	-	3I	3I

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	246	270	171	-	737	848I	238	245	171	-	737	829I
ENGINEERING	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	0	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	88	70	54	-	233I	265I	88	70	54	-	233I	262I
Astronomy	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry	0	0	0	-	0	2I	0	0	0	-	0	0I
Physics	84	70	54	-	233I	262I	84	70	54	-	233I	262I
Physical Sci., n.e.c.	4	0	0	-	0	1I	4	0	0	-	0	0I
ENVIRONMENTAL SCIENCES	0	0	0	-	0	2I	0	0	0	-	0	0I
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0I
Earth Sciences	-	-	-	-	-	1I	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	1I	-	-	-	-	-	0I
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0I
MATH & COMPUTER SCI.	37	5	9	-	39I	44I	37	5	9	-	39I	44I
Mathematics	31	5	9	-	39I	44I	31	5	9	-	39I	44I
Computer Science	6	0	0	-	0	0	6	0	0	-	0	0
LIFE SCIENCES	113	135	102	-	440I	499I	113	135	102	-	440I	495I
Agricultural Sciences	0	0	0	-	0	1I	0	0	0	-	0	0I
Biological Sciences	103	135	102	-	440I	498I	103	135	102	-	440I	495I
Medical Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Life Sci., n.e.c.	10	0	0	-	0	0	10	0	0	-	0	0
PSYCHOLOGY	0	0	0	-	0	2I	0	0	0	-	0	0I
SOCIAL SCIENCES	0	26	6	-	25I	35I	0	26	6	-	25I	28I
Economics	0	0	0	-	0	1I	0	0	0	-	0	0I
Political Science	0	0	0	-	0	2I	0	0	0	-	0	0I
Sociology	0	26	6	-	25I	29I	0	26	6	-	25I	28I
Social Sci., n.e.c.	0	0	0	-	0	3I	0	0	0	-	0	0I
OTHER SCIENCES, n.e.c	8	34E	0	-	0	1I	0	9	0	-	0	0I



SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In the sands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	246	270	171	-	737	8481
Federal Government	238	245	171	-	737	8291
State and Local Government	0	0	0	-	0	71
Industry	0	0	0	-	0	21
Institutional Funds	8	25	0	-	0	61
All Other Outside Sources	0	0	0	-	0	41

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	21	231	171	-	151	151	21	21	11	-	01	01
Engineering	0	31	21	-	21	21	0	01	01	-	01	01
Physical Sciences	11	41	21	-	21	21	11	11	01	-	01	01
Environmental Sciences	0	31	21	-	21	21	0	01	01	-	01	01
Math. & Computer Sci.	0	21	11	-	0	0	0	01	01	-	0	0
Life Sciences	10	71	61	-	51	51	10	11	11	-	01	01
Psychology	0	01	01	-	0	0	0	01	01	-	0	0
Social Sciences	0	21	21	-	21	21	0	01	01	-	01	01
Other Sciences, n.e.c.	0	21	21	-	21	21	0	01	01	-	01	01

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL					6,104	6,417	3,396	2,194	788	1,351	55
Department of Agriculture					1,180	1,240	1,200	1,263	437	826	0
Department of Commerce					0	14	0	0	0	0	0
Department of Defense					0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy					0	0	0	0	0	0	0
Environmental Protection Agency					0	0	0	0	0	0	0
Dept of Health & Human Services					4,440	4,668	1,861	504	0	449	55
National Institutes of Health					148	150	293	334	0	334	0
ADAMHA					0	0	0	0	0	0	0
Office of Education					3,973	4,331	1,498	0	0	0	0
Other HHS					319	187	70	170	0	115	55
Dept of Housing & Urban Dev					0	0	0	0	0	0	0
Department of the Interior					40	77	124	110	34	76	0
AID					0	0	0	0	0	0	0
Department of Labor					0	0	0	0	0	0	0
NASA					122	180	111	317	317	0	0
National Science Foundation					322	238	37	0	0	0	0
Nuclear Regulatory Commission					0	0	63	0	0	0	0
Department of Transportation					0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL					6,104	6,417	3,396	2,194
Research and Development					627	639	532	788
R&D Plant					0	0	0	0
Facilities for Instruction					0	0	0	0
Fellowships & Training Grants					0	127	12	239
General Support for Science					353	416	384	286
Other Science					832	844	912	826
Non Science					4,292	4,391	1,556	55

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



INSTITUTIONAL PROFILE 029100 UNIVERSITY OF THE DISTRICT OF COLUMBIA

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	NASA	INT
TOTAL	-	-	-	-	627	639	532	788	437	317	34
ENGINEERING	-	-	-	-	1	34	0	0	0	0	0
Aeronautical	-	-	-	-	0	0	0	0	0	0	0
Astronautical	-	-	-	-	0	0	0	0	0	0	0
Chemical	-	-	-	-	0	0	0	0	0	0	0
Civil	-	-	-	-	0	14	0	0	0	0	0
Electrical	-	-	-	-	1	0	0	0	0	0	0
Mechanical	-	-	-	-	0	0	0	0	0	0	0
Metallurgy and Materials	-	-	-	-	0	0	0	0	0	0	0
Engineering, n e c	-	-	-	-	0	20	0	0	0	0	0
PHYSICAL SCIENCES	-	-	-	-	43	98	53	100	0	100	0
Astronomy	-	-	-	-	4	4	4	0	0	0	0
Chemistry	-	-	-	-	0	0	0	0	0	0	0
Physics	-	-	-	-	39	68	49	55	0	56	0
Physical Sciences, n e c	-	-	-	-	0	26	0	44	0	44	0
ENVIRONMENTAL SCIENCES	-	-	-	-	85	69	58	150	0	150	0
Atmospheric Sciences	-	-	-	-	4	0	0	32	0	32	0
Geological Sciences	-	-	-	-	7	0	0	0	0	0	0
Oceanography	-	-	-	-	0	0	0	0	0	0	0
Environmental Sciences, n e c	-	-	-	-	74	69	58	118	0	118	0
MATH AND COMPUTER SCIENCES	-	-	-	-	0	13	0	101	0	67	34
LIFE SCIENCES	-	-	-	-	372	302	308	275	275	0	0
Biological Sciences	-	-	-	-	372	302	58	122	122	0	0
Medical Sciences	-	-	-	-	0	0	250	153	153	0	0
Life Sciences, n e c	-	-	-	-	0	0	0	0	0	0	0
PSYCHOLOGY	-	-	-	-	0	0	0	0	0	0	0
SOCIAL SCIENCES	-	-	-	-	126	123	113	162	162	0	0
Economics	-	-	-	-	0	123	113	162	162	0	0
Political Science	-	-	-	-	0	0	0	0	0	0	0
Sociology	-	-	-	-	126	0	0	0	0	0	0
Social Sciences, n e c	-	-	-	-	0	0	0	0	0	0	0
OTHER SCIENCES, n e c	-	-	-	-	0	0	0	0	0	0	0

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	53	46	-	47	47	9	0	0	3	3
Men	-	-	-	37	37	-	-	-	2	2
Women	-	-	-	10	10	-	-	-	1	1
First Year	-	-	-	5	5	-	-	-	-	-
Beyond First Year	-	-	-	42	42	-	-	-	-	-
U.S. Citizens	-	-	-	40	40	-	-	0	-	-
Foreign	-	-	-	7	7	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	0	0	-	0	0	0	0	0	0	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math & Computer Sciences	0	0	-	0	0	0	0	0	0	0
Life Sciences	8	11	-	7	7	8	0	0	0	0
Psychology	0	0	-	16	16	0	0	0	0	0
Social Sciences	45	35	-	24	24	1	0	0	3	3

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	37	38	-	35	35
Engineering	0	0	-	0	0
Physical Sciences	0	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math & Computer Sciences	0	0	-	0	0
Life Sciences	25	21	-	13	13
Psychology	0	0	-	0	0
Social Sciences	12	17	-	22	22

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	1	1
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	1	1
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	46	46
Federal Support	-	-	-	3	3
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	43	43

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

## SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS, JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	126	129	149	-	150I	150I	73	80	57	-	64I	66I
ENGINEERS	9	12	30	-	30I	30I	4	4	10	-	11I	11I
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	1	-	1I	1I	0	0	0	-	0I	0I
Civil Engineers	5	5	9	-	9I	9I	2	2	4	-	5I	5I
Electrical Engineers	4	5	15	-	15I	15I	2	2	5	-	5I	5I
Mechanical Engineers	0	2	5	-	5I	5I	0	0	1	-	1I	1I
Engineers, n e c	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	17	17	30	-	30I	30I	7	10	11	-	13I	14I
Astronomers	-	-	0	-	0	0	-	0	0	-	0	0
Chemists	10	9	12	-	12I	12I	3	7	6	-	7I	7I
Physicists	7	8	17	-	17I	17I	4	3	5	-	6I	7I
Physical Scientists, n e c	0	0	1	-	1I	1I	0	0	0	-	0I	0I
ENVIRONMENTAL SCIENTISTS	7	7	2	-	2I	2I	6	8	1	-	1I	1I
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	7	7	1	-	1I	1I	6	8	1	-	1I	1I
Oceanographers	0	0	1	-	1I	1I	0	0	0	-	0I	0I
Environmental Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	37	36	49	-	49I	49I	9	12	18	-	21I	22I
Mathematicians	34	34	47	-	47I	47I	6	9	15	-	17I	18I
Computer Scientists	3	2	2	-	2I	2I	3	3	3	-	4I	4I
LIFE SCIENTISTS	14	15	24	-	25I	25I	6	5	13	-	14I	14I
Agricultural Scientists	0	0	7	-	7I	7I	0	0	8	-	8I	8I
Biological Scientists	14	15	17	-	17I	17I	6	5	5	-	5I	5I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	8	8	3	-	3I	3I	4	4	0	-	0I	0I
SOCIAL SCIENTISTS	34	34	11	-	11I	11I	37	37	4	-	4I	4I
Economists	6	6	1	-	1I	1I	8	8	0	-	0I	0I
Political Scientists	9	9	2	-	2I	2I	0	0	0	-	0I	0I
Sociologists	7	7	5	-	5I	5I	7	7	2	-	2I	2I
Social Scientists, n e c	12	12	3	-	3I	3I	22	22	2	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	65	65	49	-	49I	49I	16	16	25	-	28I	29I
FIRST PROFESSIONAL	0	0	2	-	2I	2I	0	0	0	-	0I	0I
MASTER'S	61	62	64	-	65I	65I	53	61E	20	-	22I	23I
BACHELOR'S (or equivalent)	0	2	34	-	34I	34I	4	3	12	-	14I	14I

FULL TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	89	114	-	116I	116I	40	35	-	34I	34I
Engineers	11	30	-	30I	30I	1	0	-	0I	0I
Physical Scientists	14	26	-	27I	27I	3	4	-	3I	3I
Environmental Scientists	5	1	-	1I	1I	2	1	-	1I	1I
Mathematical & Computer Scientists	25	34	-	34I	34I	11	15	-	15I	15I
Life Scientists	6	14	-	15I	15I	9	10	-	10I	10I
Psychologists	4	3	-	3I	3I	4	0	-	0I	0I
Social Scientists	24	6	-	6I	6I	10	5	-	5I	5I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges

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* INSTITUTIONAL PROFILE *  
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* Public Private *  
* CARNEGIE COUNCIL CATEGORY: 9 9 *  
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Data for this institutional profile are based on the following survey data systems:

- NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions
- NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
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The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,377	1,037	1,332	2,153	0	0	-	-	-	-	-
Department of Agriculture	384	280	280	448	0	0	-	-	-	-	-
Department of Commerce	0	41	0	0	0	0	-	-	-	-	-
Department of Defense	0	0	0	0	0	0	-	-	-	-	-
Department of Education	0	0	0	0	0	0	0	0	-	-	-
Department of Energy	0	0	0	0	0	0	-	-	-	-	-
Environmental Protection Agency	0	0	0	0	0	0	-	-	-	-	-
Dept. of Health & Human Services	987	668	987	1,615	0	0	-	-	-	-	-
National Institutes of Health	19	0	0	0	0	0	-	-	-	-	-
ADAMHA	0	0	0	0	0	0	-	-	-	-	-
Office of Education	866	493	944	1,320	0	0	0	0	0	0	0
Other HHS	102	175	43	295	0	0	-	-	-	-	-
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	-	-	-	-	-
Department of the Interior	0	0	40	81	0	0	-	-	-	-	-
AID	0	0	0	0	0	0	-	-	-	-	-
Department of Labor	0	0	0	0	0	0	-	-	-	-	-
NASA	0	43	25	9	0	0	-	-	-	-	-
National Science Foundation	6	5	0	0	0	0	-	-	-	-	-
Nuclear Regulatory Commission	0	0	0	0	0	0	-	-	-	-	-
Department of Transportation	0	0	0	0	0	0	-	-	-	-	-

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,377	1,037	1,332	2,153	0	0	-	-
Research and Development	102	84	51	292	0	0	-	-
R&D Plant	0	0	0	0	0	0	-	-
Facilities for Instruction	0	0	0	0	0	0	-	-
Fellowships & Training Grants	0	0	0	0	0	0	-	-
General Support for Science	6	5	14	40	0	0	-	-
Other Science	384	280	280	206	0	0	-	-
Non-Science	885	668	987	1,615	0	0	-	-

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES			
	1973	1974	1975	1976	1977	1978	1979	1980				
TOTAL	102	84	51	292								
ENGINEERING	0	43	20	9								
Aeronautical	0	0	0	0								
Astronautical	0	0	0	0								
Chemical	0	0	0	0								
Civil	0	0	0	0								
Electrical	0	43	20	9								
Mechanical	0	0	0	0								
Metallurgy and Materials	0	0	0	0								
Engineering, n e c	0	0	0	0								
PHYSICAL SCIENCES	0	0	5	15								
Astronomy	0	0	5	0								
Chemistry	0	0	0	15								
Physics	0	0	0	0								
Physical Sciences, n e c	0	0	0	0								
ENVIRONMENTAL SCIENCES	0	41	26	0								
Atmospheric Sciences	0	0	0	0								
Geological Sciences	0	0	26	0								
Oceanography	0	41	0	0								
Environmental Sciences, n e c	0	0	0	0								
MATH AND COMPUTER SCIENCES	0	0	0	17								
LIFE SCIENCES	0	0	0	251								
Biological Sciences	0	0	0	251								
Medical Sciences	0	0	0	0								
Life Sciences, n e c	0	0	0	0								
PSYCHOLOGY	0	0	0	0								
SOCIAL SCIENCES	102	0	0	0								
Economics	0	0	0	0								
Political Science	0	0	0	0								
Sociology	102	0	0	0								
Social Sciences, n e c	0	0	0	0								
OTHER SCIENCES, n e c	0	0	0	0								

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	101	108					131	48				
ENGINEERS	111	39					21	31				
Aeronautical & Astronautical Engineers	11	4					01	1				
Chemical Engineers	01	4					11	0				
Civil Engineers	21	9					01	13				
Electrical Engineers	41	14					01	11				
Mechanical Engineers	21	5					01	6				
Engineers, n e c	21	3					11	0				
PHYSICAL SCIENTISTS	141	8					21	0				
Astronomers												
Chemists	81	0					11	0				
Physicists	51	8					11	0				
Physical Scientists, n e c	11	0					01	0				
ENVIRONMENTAL SCIENTISTS	31	3					01	0				
Atmospheric Scientists	11	0					01	0				
Earth Scientists	21	1					01	0				
Oceanographers	01	2					01	0				
Environmental Scientists, n e c												
MATHEMATICAL & COMPUTER SCIENTISTS	191	20					21	2				
Mathematicians	161	12					11	2				
Computer Scientists	31	8					11	0				
LIFE SCIENTISTS	241	24					21	9				
Agricultural Scientists	31	15					01	1				
Biological Scientists	151	7					11	3				
Medical Scientists	61	2					11	2				
Life Scientists, n e c												
PSYCHOLOGISTS	101	2					21	0				
SOCIAL SCIENTISTS	201	12					31	6				
Economists	41	1					11					
Political Scientists	51	6					01					
Sociologists	61	5					11	0				
Social Scientists, n e c	51	0					11	0				

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	51	32	-	-	-	-	21	8	-	-	-	-
FIRST PROFESSIONAL	21	7	-	-	-	-	01	0	-	-	-	-
MASTER'S	731	63	-	-	-	-	91	35	-	-	-	-
BACHELOR'S (or equivalent)	111	6	-	-	-	-	21	5	-	-	-	-

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	87	-	-	-	-	21	-	-	-	-
Engineers	39	-	-	-	-	0	-	-	-	-
Physical Scientists	8	-	-	-	-	0	-	-	-	-
Environmental Scientists	2	-	-	-	-	1	-	-	-	-
Mathematical & Computer Scientists	13	-	-	-	-	7	-	-	-	-
Life Scientists	18	-	-	-	-	6	-	-	-	-
Psychologists	0	-	-	-	-	2	-	-	-	-
Social Scientists	7	-	-	-	-	5	-	-	-	-

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,928	1,802	2,124	2,182	0	0	-	-	-	-	-
Department of Agriculture	384	280	280	207	0	0	-	-	-	-	-
Department of Commerce	0	0	0	0	0	0	-	-	-	-	-
Department of Defense	0	0	20	0	0	0	-	-	-	-	-
Department of Education	0	0	0	0	0	0	-	-	-	-	-
Department of Energy	0	0	0	0	0	0	0	0	-	-	-
Environmental Protection Agency	0	0	0	0	0	0	-	-	-	-	-
Dept of Health & Human Services	2,466	1,415	1,694	1,973	0	0	-	-	-	-	-
National Institutes of Health	435	108	111	128	0	0	-	-	-	-	-
ADAMHA	0	12	267	0	0	0	-	-	-	-	-
Office of Education	1,938	1,027	1,155	1,662	0	0	-	0	0	0	0
Other HHS	93	268	161	183	0	0	-	-	-	-	-
Dept of Housing & Urban Dev	0	0	0	0	0	0	-	-	-	-	-
Department of the Interior	0	0	0	0	0	0	-	-	-	-	-
AID	0	0	0	0	0	0	-	-	-	-	-
Department of Labor	0	0	0	0	0	0	-	-	-	-	-
NASA	72	101	123	2	0	0	-	-	-	-	-
National Science Foundation	6	6	7	0	0	0	-	-	-	-	-
Nuclear Regulatory Commission	0	0	0	0	0	0	-	-	-	-	-
Department of Transportation	0	0	0	0	0	0	-	-	-	-	-

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,928	1,802	2,124	2,182	0	0	-	-
Research and Development	72	101	179	2	0	0	-	-
R&D Plant	0	0	0	0	0	0	-	-
Facilities for Instruction	0	0	0	0	0	0	-	-
Fellowships & Training Grants	93	12	0	166	0	0	-	-
General Support for Science	159	114	111	128	0	0	-	-
Other Science	384	280	287	207	0	0	-	-
Non-Science	2,220	1,295	1,547	1,679	0	0	-	-

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES			
	1973	1974	1975	1976	1977	1978	1979	1980				
TOTAL	72	101	179	2	-	-	-	-	-	-	-	-
ENGINEERING	0	0	0	0	-	-	-	-	-	-	-	-
Aeronautical	0	0	0	0	-	-	-	-	-	-	-	-
Astronautical	0	0	0	0	-	-	-	-	-	-	-	-
Chemical	0	0	0	0	-	-	-	-	-	-	-	-
Civil	0	0	0	0	-	-	-	-	-	-	-	-
Electrical	0	0	0	0	-	-	-	-	-	-	-	-
Mechanical	0	0	0	0	-	-	-	-	-	-	-	-
Metallurgy and Materials	0	0	0	0	-	-	-	-	-	-	-	-
Engineering, n e c	0	0	0	0	-	-	-	-	-	-	-	-
PHYSICAL SCIENCES	67	45	64	2	-	-	-	-	-	-	-	-
Astronomy	49	45	51	0	-	-	-	-	-	-	-	-
Chemistry	18	0	0	0	-	-	-	-	-	-	-	-
Physics	0	0	13	2	-	-	-	-	-	-	-	-
Physical Sciences, n e c	0	0	0	0	-	-	-	-	-	-	-	-
ENVIRONMENTAL SCIENCES	0	25	25	0	-	-	-	-	-	-	-	-
Atmospheric Sciences	0	0	0	0	-	-	-	-	-	-	-	-
Geological Sciences	0	0	0	0	-	-	-	-	-	-	-	-
Oceanography	0	0	0	0	-	-	-	-	-	-	-	-
Environmental Sciences, n e c	0	25	25	0	-	-	-	-	-	-	-	-
MATH AND COMPUTER SCIENCES	5	10	34	0	-	-	-	-	-	-	-	-
LIFE SCIENCES	0	21	0	0	-	-	-	-	-	-	-	-
Biological Sciences	0	0	0	0	-	-	-	-	-	-	-	-
Medical Sciences	0	21	0	0	-	-	-	-	-	-	-	-
Life Sciences, n e c	0	0	0	0	-	-	-	-	-	-	-	-
PSYCHOLOGY	0	0	0	0	-	-	-	-	-	-	-	-
SOCIAL SCIENCES	0	0	36	0	-	-	-	-	-	-	-	-
Economics	0	0	0	0	-	-	-	-	-	-	-	-
Political Science	0	0	0	0	-	-	-	-	-	-	-	-
Sociology	0	0	0	0	-	-	-	-	-	-	-	-
Social Sciences, n e c	0	0	36	0	-	-	-	-	-	-	-	-
OTHER SCIENCES, n e c	0	0	20	0	-	-	-	-	-	-	-	-

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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*          MPUS                           Public Private
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*          CARNEGIE COUNCIL CATEGORY   9 9
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Data for this institutional profile are based on the following survey data systems

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF
- A dash (-) indicates that the data were not available.

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On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution

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Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D C 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	219	195	635	762	0	0	-	-	-	-	-
Department of Agriculture	0	0	0	0	0	0	-	-	-	-	-
Department of Commerce	0	0	0	0	0	0	-	-	-	-	-
Department of Defense	0	0	0	0	0	0	-	-	-	-	-
Department of Education	0	0	0	0	0	0	0	0	-	-	-
Department of Energy	0	0	0	0	0	0	-	-	-	-	-
Environmental Protection Agency	0	0	0	0	0	0	-	-	-	-	-
Dept. of Health & Human Services	219	160	614	728	0	0	-	-	-	-	-
National Institutes of Health	0	0	0	0	0	0	-	-	-	-	-
ADAMHA	0	0	0	0	0	0	-	-	-	-	-
Office of Education	219	160	614	728	0	0	-	-	-	-	-
Other HHS	0	0	0	0	0	0	-	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	-	-	-	-	-
Department of the Interior	0	0	0	0	0	0	-	-	-	-	-
AID	0	0	0	0	0	0	-	-	-	-	-
Department of Labor	0	0	0	0	0	0	-	-	-	-	-
NASA	0	35	21	34	0	0	-	-	-	-	-
National Science Foundation	0	0	0	0	0	0	-	-	-	-	-
Nuclear Regulatory Commission	0	0	0	0	0	0	-	-	-	-	-
Department of Transportation	0	0	0	0	0	0	-	-	-	-	-

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	219	195	635	762	0	0	-	-
Research and Development	0	35	21	34	0	0	-	-
R&D Plant	0	0	0	0	0	0	-	-
Facilities for Instruction	0	0	0	0	0	0	-	-
Fellowships & Training Grants	0	0	0	0	0	0	-	-
General Support for Science	0	0	0	0	0	0	-	-
Other Science	0	0	0	0	0	0	-	-
Non-Science	219	160	614	728	0	0	-	-

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES			
	1973	1974	1975	1976	1977	1978	1979	1980				
TOTAL	-	35	21	34	-	-	-	-	-	-	-	-
ENGINEERING	-	0	0	0	-	-	-	-	-	-	-	-
Aeronautical	-	0	0	0	-	-	-	-	-	-	-	-
Astronautical	-	0	0	0	-	-	-	-	-	-	-	-
Chemical	-	0	0	0	-	-	-	-	-	-	-	-
Civil	-	0	0	0	-	-	-	-	-	-	-	-
Electrical	-	0	0	0	-	-	-	-	-	-	-	-
Mechanical	-	0	0	0	-	-	-	-	-	-	-	-
Metallurgy and Materials	-	0	0	0	-	-	-	-	-	-	-	-
Engineering, n e c	-	0	0	0	-	-	-	-	-	-	-	-
PHYSICAL SCIENCES	-	14	0	24	-	-	-	-	-	-	-	-
Astronomy	-	0	0	0	-	-	-	-	-	-	-	-
Chemistry	-	0	0	0	-	-	-	-	-	-	-	-
Physics	-	0	0	0	-	-	-	-	-	-	-	-
Physical Sciences n e c	-	14	0	24	-	-	-	-	-	-	-	-
ENVIRONMENTAL SCIENCES	-	21	21	10	-	-	-	-	-	-	-	-
Atmospheric Sciences	-	0	0	0	-	-	-	-	-	-	-	-
Geological Sciences	-	0	0	0	-	-	-	-	-	-	-	-
Oceanography	-	0	0	0	-	-	-	-	-	-	-	-
Environmental Sciences, n e c	-	21	21	10	-	-	-	-	-	-	-	-
MATH AND COMPUTER SCIENCES	-	0	0	0	-	-	-	-	-	-	-	-
LIFE SCIENCES	-	0	0	0	-	-	-	-	-	-	-	-
Biological Sciences	-	0	0	0	-	-	-	-	-	-	-	-
Medical Sciences	-	0	0	0	-	-	-	-	-	-	-	-
Life Sciences n e c	-	0	0	0	-	-	-	-	-	-	-	-
PSYCHOLOGY	-	0	0	0	-	-	-	-	-	-	-	-
SOCIAL SCIENCES	-	0	0	0	-	-	-	-	-	-	-	-
Economics	-	0	0	0	-	-	-	-	-	-	-	-
Political Science	-	0	0	0	-	-	-	-	-	-	-	-
Sociology	-	0	0	0	-	-	-	-	-	-	-	-
Social Sciences, n e c	-	0	0	0	-	-	-	-	-	-	-	-
OTHER SCIENCES, n e c	-	0	0	0	-	-	-	-	-	-	-	-

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	14	14I	-	-	-	-	0	0I	-	-	-	-
ENGINEERS	0	2I	-	-	-	-	0	0I	-	-	-	-
Aeronautical & Astronautical Engineers	0	0I	-	-	-	-	0	0I	-	-	-	-
Chemical Engineers	0	0I	-	-	-	-	0	0I	-	-	-	-
Civil Engineers	0	1I	-	-	-	-	0	0I	-	-	-	-
Electrical Engineers	0	0I	-	-	-	-	0	0I	-	-	-	-
Mechanical Engineers	0	0I	-	-	-	-	0	0I	-	-	-	-
Engineers, n e c	0	1I	-	-	-	-	0	0I	-	-	-	-
PHYSICAL SCIENTISTS	6	2I	-	-	-	-	0	0I	-	-	-	-
Astronomers	-	-	-	-	-	-	-	-	-	-	-	-
Chemists	2	1I	-	-	-	-	0	0I	-	-	-	-
Physicists	1	1I	-	-	-	-	0	0I	-	-	-	-
Physical Scientists, n e c	3	0I	-	-	-	-	0	0I	-	-	-	-
ENVIRONMENTAL SCIENTISTS	1	1I	-	-	-	-	0	0I	-	-	-	-
Atmospheric Scientists	0	0I	-	-	-	-	0	0I	-	-	-	-
Earth Scientists	1	1I	-	-	-	-	0	0I	-	-	-	-
Oceanographers	0	0I	-	-	-	-	0	0I	-	-	-	-
Environmental Scientists, n e c	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL & COMPUTER SCIENTISTS	0	3I	-	-	-	-	0	0I	-	-	-	-
Mathematicians	0	3I	-	-	-	-	0	0I	-	-	-	-
Computer Scientists	0	0I	-	-	-	-	0	0I	-	-	-	-
LIFE SCIENTISTS	0	2I	-	-	-	-	0	0I	-	-	-	-
Agricultural Scientists	0	0I	-	-	-	-	0	0I	-	-	-	-
Biological Scientists	0	2I	-	-	-	-	0	0I	-	-	-	-
Medical Scientists	0	0I	-	-	-	-	0	0I	-	-	-	-
Life Scientists, n e c	-	-	-	-	-	-	-	-	-	-	-	-
PSYCHOLOGISTS	6	1I	-	-	-	-	0	0I	-	-	-	-
SOCIAL SCIENTISTS	1	3I	-	-	-	-	0	0I	-	-	-	-
Economists	0	0I	-	-	-	-	0	0I	-	-	-	-
Political Scientists	0	1I	-	-	-	-	0	0I	-	-	-	-
Sociologists	1	1I	-	-	-	-	0	0I	-	-	-	-
Social Scientists, n e c	0	1I	-	-	-	-	0	0I	-	-	-	-

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	10	9I	-	-	-	-	0	0I	-	-	-	-
FIRST PROFESSIONAL	0	0I	-	-	-	-	0	0I	-	-	-	-
MASTER'S	4	5I	-	-	-	-	0	0I	-	-	-	-
BACHELOR'S (or equivalent)	0	0I	-	-	-	-	0	0I	-	-	-	-

FULL TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	12I	-	-	-	-	2I	-	-	-	-
Engineers	2I	-	-	-	-	0I	-	-	-	-
Physical Scientists	1I	-	-	-	-	1I	-	-	-	-
Environmental Scientists	1I	-	-	-	-	0I	-	-	-	-
Mathematical & Computer Scientists	3I	-	-	-	-	0I	-	-	-	-
Life Scientists	1I	-	-	-	-	1I	-	-	-	-
Psychologists	1I	-	-	-	-	0I	-	-	-	-
Social Scientists	3I	-	-	-	-	0I	-	-	-	-

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	3,069	3,251	3,442	7,877	6,442	11,658	2,612	2,768	2,934	5,849	4,942	8,172
ENGINEERING	118	124	131	709	928	1,095	91E	106E	109	438	525	578
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	24	-	-	-	-	-	20
Civil	-	-	-	-	-	41	-	-	-	-	-	0
Electrical	-	-	-	-	-	302	-	-	-	-	-	166
Mechanical	-	-	-	-	-	284	-	-	-	-	-	231
Engineering, n e c	-	-	-	-	-	444	-	-	-	-	-	161
PHYSICAL SCIENCES	142	151	159	710	773	1,537	111E	128E	135	625	643	1,317
Astronomy	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	125	133	139	505	756	1,287	97E	113E	118	442	629	1,101
Physics	17	18	20	200	17	2	14E	15E	17	183	14	2
Physical Sci . n e c	0	0	0	5	0	248	0	0	0	0	0	214
ENVIRONMENTAL SCIENCES	0	0	0	13	0	0	0	0	0	12	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci . n e c	-	-	-	-	-	0	-	-	-	-	-	0
MATH & COMPUTER SCI	4	4	5	76	46	52	4E	3E	0	23	38	45
Mathematics	4	4	5	25	46	52	4E	3E	0	23	38	45
Computer Science	0	0	0	51	0	0	0	0	0	0	0	0
LIFE SCIENCES	2,618	2,775	2,941	5,583	4,149	7,390	2,266E	2,363E	2,500	4,391	3,293	5,521
Agricultural Sciences	0	0	0	0	0	0	0	0	0	0	0	0
Biological Sciences	255	261	281	2,070	875	2,575	255E	222E	233	1,748	653	2,191
Medical Sciences	2,363	2,514	2,660	2,683	2,241	1,568	2,011E	2,141E	2,267	1,890	1,640	1,203
Life Sci . n e c	0	0	0	830	1,033	3,247	0	0	0	753	1,000	2,127
PSYCHOLOGY	0	0	0	105	44	29	0	0	0	92	32	18
SOCIAL SCIENCES	187	197	206	677	285	1,546	140E	168E	190	268	210	693
Economics	0	0	0	9	0	2	0	0	0	0	0	2
Political Science	0	0	0	314	0	700	0	0	0	15	0	0
Sociology	184	193	199	344	285	839	137E	164E	185	253	210	687
Social Sci . n e c	3	4	7	10	0	5	3E	4E	5	0	0	4
OTHER SCIENCES, n e c	0	0	0	4	217	9	0	0	0	0	201	0

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	3,069	3,251	3,442	7,877	6,442	11,658
Federal Government	2,612	2,768	2,934	5,849	4,942	8,172
State and Local Government	0	0	0	98	0	9
Industry	82	85	90	326	335	357
Institutional Funds	0	0	44	1,223	1,109	1,657
All Other Outside Sources	375	397	374	381	56	1,463

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	801E	841I	807I	-	4,820	2,912	211E	178I	171I	-	1,136	1,908
Engineering	79E	67I	64I	-	185	18	25E	22I	21I	-	131	0
Physical Sciences	117E	134I	130I	-	316	389	35E	23I	23I	-	308	0
Environmental Sciences	38E	52I	50I	-	0	0	9E	6I	6I	-	0	0
Math & Computer Sci	29E	9I	9I	-	0	0	1E	2I	2I	-	0	0
Life Sciences	423E	498I	478I	-	4,271	2,505	125E	122I	117I	-	650	1,908
Psychology	27E	34I	32I	-	1	0	3E	2I	2I	-	1	0
Social Sciences	80E	30I	28I	-	7	0	6E	1I	0I	-	6	0
Other Sciences, n e c	8E	17I	16I	-	40	0	4E	0I	0I	-	40	0

SOURCE NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars).

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	72,719	83,815	94,762	99,939	116,381	116,195	130,047	166,146	7,144	2,930	156,072
Department of Agriculture	46	0	0	0	0	17	28	50	50	0	0
Department of Commerce	80	0	0	0	0	0	0	0	0	0	0
Department of Defense	87	63	100	145	24	35	36	504	504	0	0
Department of Education	0	0	0	0	0	0	0	28,622	0	84	28,538
Department of Energy	125	82	102	183	65	178	78	420	390	30	0
Environmental Protection Agency	114	122	56	92	103	188	126	254	245	9	0
Dept. of Health & Human Services	67,544	77,906	93,253	98,769	114,871	114,130	128,289	134,707	4,897	2,276	127,534
National Institutes of Health	10,237	5,605	3,557	3,988	5,807	4,926	5,054	6,081	3,916	2,165	0
ADAMHA	1,243	1,081	1,504	1,301	905	904	783	1,185	499	141	575
Office of Education	2,032	2,355	1,508	2,884	4,342	5,150	3,168	0	0	0	0
Other HHS	54,032	68,865	86,684	90,596	103,817	103,150	119,284	127,441	482	0	126,959
Dept. of Housing & Urban Dev.	0	0	185	155	12	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	25	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	22	2	0	302	0	0	0	0
NASA	181	233	215	345	680	626	659	1,001	714	287	0
National Science Foundation	312	833	851	223	589	863	529	588	344	244	0
Nuclear Regulatory Commission	0	0	0	0	35	0	0	0	0	0	0
Department of Transportation	43	0	0	5	0	158	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	72,719	83,815	94,762	99,939	116,381	116,195	130,047	166,146
Research and Development	2,863	3,668	5,145	5,426	5,614	5,715	5,718	7,144
R&D Plant	5,099	0	0	0	749	0	0	0
Facilities for Instruction	14	8	0	0	22	125	15	50
Fellowships & Training Grants	949	3,662	535	149	497	946	754	1,195
General Support for Science	296	946	411	358	937	997	1,263	1,642
Other Science	104	46	759	546	469	120	102	43
Non-Science	63,394	75,485	87,912	93,460	108,093	108,292	122,195	156,072

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80 AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	HHS	NASA	DOO
TOTAL	2,863	3,668	5,145	5,426	5,614	5,715	5,718	7,144	4,897	714	504
ENGINEERING	93	100	165	163	296	303	224	758	0	237	204
Aeronautical	15	0	28	35	38	40	40	43	0	0	43
Astronautical	0	0	0	0	47	0	49	50	0	50	0
Chemical	16	0	0	0	0	35	0	291	0	0	0
Civil	0	22	66	34	28	75	0	26	0	0	0
Electrical	0	16	40	34	20	0	78	86	0	63	23
Mechanical	0	23	0	0	0	25	0	81	0	35	46
Metallurgy and Materials	0	0	0	0	0	0	0	21	0	21	0
Engineering, n.e.c.	62	39	31	60	163	128	57	160	0	68	92
PHYSICAL SCIENCES	226	199	198	255	540	436	493	804	0	296	300
Astronomy	16	18	14	0	0	0	50	13	0	13	0
Chemistry	144	122	158	214	233	286	290	523	0	15	300
Physics	66	59	26	41	307	150	153	268	0	268	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	150	0	65	0	60	0
Atmospheric Sciences	0	0	0	0	0	100	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	50	0	65	0	60	0
MATH. AND COMPUTER SCIENCES	0	0	13	268	21	71	0	26	0	0	0
LIFE SCIENCES	1,839	2,675	2,951	3,115	3,819	3,570	3,323	4,151	3,723	121	0
Biological Sciences	393	377	521	808	692	1,010	1,002	1,388	1,081	0	0
Medical Sciences	1,446	2,226	2,375	2,307	3,127	2,560	2,321	2,723	2,642	81	0
Life Sciences, n.e.c.	0	72	55	0	0	0	0	40	0	40	0
PSYCHOLOGY	32	120	132	0	24	0	0	144	144	0	0
SOCIAL SCIENCES	630	504	1,337	1,470	776	851	1,285	1,012	896	0	0
Economics	284	0	0	0	0	0	302	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	197	504	555	893	397	389	260	301	301	0	0
Social Sciences, n.e.c.	149	0	782	577	379	462	723	711	595	0	0
OTHER SCIENCES, n.e.c.	43	70	349	155	138	334	393	184	134	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	753	741	739	794	794	88	96	102	93	147
Men	544	491	-	507	530	59	54	-	50	97
Women	209	250	-	287	264	29	42	-	43	50
First Year	326	292	276	312	252	-	-	-	-	-
Beyond First Year	427	449	463	482	542	-	-	-	-	-
U S. Citizens	498	489	-	501	497	-	-	-	-	-
Foreign	255	252	-	293	297	-	-	-	-	-
Engineering	94	70	70	89	93	8	11	11	12	23
Physical Sciences	85	98	97	82	84	21	19	19	21	28
Environmental Sciences	0	0	0	0	0	0	0	0	0	0
Math & Computer Sciences	36	47	46	36	37	3	5	5	3	4
Life Sciences	229	252	263	270	259	56	55	62	50	60
Psychology	103	82	80	81	83	0	6	5	6	11
Social Sciences	206	192	183	236	238	0	0	0	1	21

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	221	286	298	222	222
Engineering	29	36	36	27	27
Physical Sciences	4	8	8	5	5
Environmental Sciences	0	0	0	0	0
Math. & Computer Sciences	10	14	14	13	14
Life Sciences	77	61	69	65	66
Psychology	30	20	21	18	17
Social Sciences	71	147	150	94	93

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates



POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	10	14	-	9	17	10	14	-	7	7
Engineering	0	0	-	0	0	0	0	-	0	0
Physical Sciences	3	4	-	2	2	3	4	-	2	2
Environmental Sciences	0	0	-	0	0	0	0	-	0	0
Math. & Computer Sciences	0	0	-	0	0	0	0	-	0	0
Life Sciences	7	10	-	7	15	7	10	-	5	5
Psychology	0	0	-	0	0	0	0	-	0	0
Social Sciences	0	0	-	0	0	0	0	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	123	145	-	144	132
Federal Support	55	72	-	61	61
Institutional Support	40	49	-	52	50
Other Outside Support	28	24	-	31	21
Self-Support	0	0	-	0	0
RESEARCH ASSISTANTSHIPS	22	56	-	38	128
Federal Support	12	19	-	10	73
Institutional Support	7	25	-	-	43
Other Outside Support	3	12	-	-	12
Self-Support	0	0	-	0	0
TEACHING ASSISTANTSHIPS	145	170	-	162	232
Federal Support	9	4	-	0	1
Institutional Support	132	164	-	157	230
Other Outside Support	4	2	-	5	1
Self-Support	0	0	-	0	0
OTHER TYPES OF SUPPORT	463	370	-	450	302
Federal Support	12	1	-	14	12
Institutional Support	32	20	-	39	28
Other Outside Support	11	14	-	7	19
Self-Support	408	335	-	390	243

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	515	600	630I	938E	938	979I	429	404	428I	561E	561	633I
ENGINEERS	50	45	47I	42E	42	44I	18	10	11I	36E	36	40I
Aeronautical & Astronautical Engineers	0	0	0I	0E	0	0	0	0	0I	0E	0	0
Chemical Engineers	8	5	5I	4E	4I	4I	1	0	0I	4E	4I	4I
Civil Engineers	11	13	13I	15E	15I	16I	10	4	4I	10E	10I	11I
Electrical Engineers	16	12	12I	12E	12I	12I	1	3	3I	13E	13I	14I
Mechanical Engineers	12	11	12I	10E	10I	11I	6	3	4I	5E	5I	6I
Engineers, n.e.c.	3	4	5I	1E	1I	1I	0	0	0I	4E	4I	5I
PHYSICAL SCIENTISTS	43	45	47I	136E	136	142I	7	13	14I	94E	94	107I
Astronomers	-	-	0	0E	0	0	-	-	0	0E	0	0
Chemists	23	20	21I	21E	21	22I	0	2	2I	4E	4	5I
Physicists	17	20	21I	17E	17	18I	7	8	9I	7E	7	8I
Physical Scientists, n.e.c.	3	5	5I	98E	98	102I	0	3	3I	83E	83	94I
ENVIRONMENTAL SCIENTISTS	3	0	0I	46E	46	48I	3	0	0I	44E	44	49I
Atmospheric Scientists	0	0	0I	0E	0	0	0	0	0I	0E	0	0
Earth Scientists	3	0	0I	5E	5	5I	3	0	0I	1E	1	1I
Oceanographers	0	0	0I	0E	0	0	0	0	0I	0E	0	0
Environmental Scientists, n.e.c.	-	-	0	41E	41	43I	-	-	0	43E	43	48I
MATHEMATICAL & COMPUTER SCIENTISTS	29	28	30I	24E	24	25I	8	6	6I	3E	3	4I
Mathematicians	28	25	27I	24E	24	25I	1	3	3I	3E	3	4I
Computer Scientists	1	3	3I	0E	0	0	7	3	3I	0E	0	0
LIFE SCIENTISTS	314	375	394I	618E	618	645I	368	346	366I	339E	339	382I
Agricultural Scientists	0	0	0I	0E	0	0	0	0	0I	0E	0	0
Biological Scientists	22	58	61I	9E	9	9I	59	63	66I	6E	6	6I
Medical Scientists	292	317	333I	572E	572	597I	309	283	300I	330E	330	372I
Life Scientists, n.e.c.	-	-	0	37E	37	39I	-	-	0	3E	3	4I
PSYCHOLOGISTS	16	18	18I	16E	16	17I	4	2	2I	4E	4	5I
SOCIAL SCIENTISTS	60	89	94I	56E	56	58I	21	27	29I	41E	41	46I
Economists	14	14	15I	13E	13	13I	10	10	11I	19E	19	21I
Political Scientists	20	26	27I	19E	19	20I	5	3	3I	16E	16	18I
Sociologists	21	20	21I	19E	19	19I	3	3	3I	4E	4	4I
Social Scientists, n.e.c.	5	29	31I	5E	5	6I	3	11	12I	2E	2	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	271	275	289I	-	367	383I	108	115	122I	-	149	168I
FIRST PROFESSIONAL	196	248	260I	-	430	449I	309	261	277I	-	266	300I
MASTER'S	44	76	79I	-	129	134I	11	28	29I	-	110	124I
BACHELOR'S (or equivalent)	4	1	2I	-	12	13I	1	0	0I	-	36	41I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	449	472I	-	686I	716I	151	158I	-	252I	263I
Engineers	45	47I	-	42I	44I	0	0I	-	0I	0I
Physical Scientists	41	42I	-	103	108I	4	5I	-	33	34I
Environmental Scientists	0	0I	-	27	28I	0	0I	-	19	20I
Mathematical & Computer Scientists	21	23I	-	22	23I	7	7I	-	2	2I
Life Scientists	260	274I	-	440	459I	115	120I	-	178	186I
Psychologists	13	13I	-	14	15I	5	5I	-	2	2I
Social Scientists	69	73I	-	38	39I	20	21I	-	18	19I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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* INSTITUTIONAL PROFILE *  
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* BETHUNE COOKMAN COLLEGE *  
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* Private Bachelor's-Granting *  
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* CARNEGIE COUNCIL CATEGORY 2 2 *  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent
  - An "I" suffix indicates that the data were imputed by NSF's computer system.
  - A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D C 20550  
(202) 634 4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	862	1,451	1,663	5,758	2,888	3,512	1,397	2,845	0	342	2,503
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	2,494	0	0	2,494
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	842	1,198	1,541	5,725	2,832	3,213	1,286	306	0	297	9
National Institutes of Health	0	137	147	133	87	105	182	297	0	297	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	842	1,061	1,394	5,592	2,619	2,982	963	0	0	0	0
Other HHS	0	0	0	0	126	126	141	9	0	0	9
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	20	26	25	28	29	0	0	0	0	0	0
National Science Foundation	0	227	97	5	27	299	111	45	0	45	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	862	1,451	1,663	5,758	2,888	3,512	1,397	2,845
Research and Development	20	26	44	28	49	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	18	0	0	0	0	0	33
Fellowships & Training Grants	0	0	0	0	0	0	0	94
General Support for Science	0	346	147	133	94	275	282	203
Other Science	0	0	78	5	0	129	11	12
Non-Science	842	1,061	1,394	5,592	2,745	3,108	1,104	2,503

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	23	29	27	-	37	38I	2	0	-1	-	10	11I
ENGINEERS	0	1	1	-	1	1I	0	0	0	-	0	0I
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	1	1	-	1	1I	0	0	0	-	0	0I
PHYSICAL SCIENTISTS	6	7	6	-	6	6I	0	0	0	-	3	4I
Astronomers	-	-	0	-	0	0	-	-	0	-	-	0
Chemists	4	5	5	-	5	5I	0	0	0	-	0	4I
Physicists	2	1	1	-	1	1I	0	0	0	-	3	4I
Physical Scientists, n.e.c.	0	1	0	-	0	0	0	0	0	-	0	0I
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	5	5	5	-	6	6I	1	0	0	-	3	3I
Mathematicians	5	5	5	-	6	6I	1	0	0	-	3	3I
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	4	4	5	-	8	8I	0	0	0	-	1	1I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	4	4	5	-	8	7I	0	0	0	-	1	1I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	1I	-	-	0	-	0	0I
PSYCHOLOGISTS	4	5	3	-	5	5I	0	0	0	-	0	0I
SOCIAL SCIENTISTS	4	7	7	-	11	12I	1	0	1	-	3	3I
Economists	0	1	2	-	3	4I	0	0	0	-	2	2I
Political Scientists	0	2	2	-	2	2I	0	0	0	-	0	0I
Sociologists	4	4	3	-	6	6I	1	0	1	-	1	1I
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	15	20	18	-	23	23I	0	0	0	-	1	1I
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	8	9	9	-	13	14I	2	0	1	-	8	9I
BACHELOR'S (or equivalent)	0	0	0	-	1	1I	0	0	0	-	1	1I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	24	22	-	29	29I	5	5	-	8	9I
Engineers	1	1	-	1	1I	0	0	-	0	0I
Physical Scientists	7	6	-	6	6I	0	0	-	0	0I
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	3	3	-	6	6I	2	2	-	0	0I
Life Scientists	3	3	-	5	4I	1	2	-	3	4I
Psychologists	4	2	-	3	3I	1	1	-	2	2I
Social Scientists	6	7	-	8	9I	1	0	-	3	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	390	606	848	1,067	1,363	1,963	1,567	939	30	0	909
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	909	0	0	909
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	390	601	678	1,067	1,363	1,963	1,323	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	390	601	678	1,067	1,363	1,963	1,323	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	5	170	0	0	0	244	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	30	30	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	390	606	848	1,067	1,363	1,963	1,567	939
Research and Development	0	0	0	0	0	0	0	30
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	5	0	0	0	0	244	0
Other Science	0	0	170	0	0	0	0	0
Non-Science	390	601	678	1,067	1,363	1,963	1,323	909

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	11	11I	11I	-	11I	11I	0	0I	0I	-	0I	0I
ENGINEERS	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Chemical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Civil Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Electrical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Mechanical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Engineers, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
PHYSICAL SCIENTISTS	2	3I	3I	-	3I	3I	0	0I	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	0I	0	-	0I	0
Chemists	1	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Physicists	1	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Physical Scientists, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Atmospheric Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Earth Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Oceanographers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Mathematicians	2	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Computer Scientists	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
LIFE SCIENTISTS	2	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Agricultural Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Biological Scientists	2	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Medical Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
SOCIAL SCIENTISTS	4	3I	3I	-	3I	3I	0	0I	0I	-	0I	0I
Economists	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Political Scientists	2	0I	0I	-	0	0	0	0I	0I	-	0	0
Sociologists	1	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Social Scientists, n.e.c.	1	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	8	7I	7I	-	7I	7I	0	0I	0I	-	0I	0I
FIRST PROFESSIONAL	0	0I	0I	-	0	0	0	0I	0I	-	0	0
MASTER'S	3	4I	4I	-	4I	4I	0	0I	0I	-	0I	0I
BACHELOR'S (or equivalent)	0	0I	0I	-	0	0	0	0I	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	8I	8I	-	8I	8I	3I	3I	-	3I	3I
Engineers	0I	0I	-	0	0	0I	0I	-	0	0
Physical Scientists	3I	3I	-	3I	3I	0I	0I	-	0I	0I
Environmental Scientists	0I	0I	-	0	0	0I	0I	-	0	0
Mathematical & Computer Scientists	2I	2I	-	2I	2I	0I	0I	-	0I	0I
Life Scientists	1I	1I	-	1I	1I	1I	1I	-	1I	1I
Psychologists	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Social Scientists	1I	1I	-	1I	1I	2I	2I	-	2I	2I

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges

2/26/82

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*
*          INSTITUTIONAL PROFILE          *
*
*          001480                         *
*
*    FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY *
*
*    Public                               Master's-Granting *
*
*          CARNEGIE COUNCIL CATEGORY  2 1  *
*
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges  
NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF-NIH Survey of Graduate Science Students and Postdoctorates  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF
- A dash (-) indicates that the data were not available.

The abbreviation "n e c" used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center, conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634 4673

Prepared by

Moshman Associates, Inc  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,509	2,433	2,757	-	2,382	2,739I	1,213	1,239	2,717	-	2,265	2,548I
ENGINEERING	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n e c	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	42	0	385	-	181	204I	42	0	385	-	181	204I
Astronomy	0	0	0	-	124	139I	0	0	0	-	124	139I
Chemistry	18	0	225	-	0	0	18	0	225	-	0	0
Physics	24	0	97	-	57	65I	24	0	97	-	57	65I
Physical Sci, n e c	0	0	63	-	0	0	0	0	63	-	0	0
ENVIRONMENTAL SCIENCES	0	0	360	-	70	78I	0	0	340	-	70	78I
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	47I	-	-	-	-	-	47I
Oceanographic Sci	-	-	-	-	-	9I	-	-	-	-	-	9I
Env't'l Sci, n e c	-	-	-	-	-	22I	-	-	-	-	-	22I
MATH & COMPUTER SCI	0	56	20	-	0	0	0	52	0	-	0	0
Mathematics	0	56	20	-	0	0	0	52	0	-	0	0
Computer Science	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENCES	750	1,902	1,970	-	1,991	2,299I	725	1,617	1,970	-	1,874	2,108I
Agricultural Sciences	315	867	60	-	0	0	293	867	60	-	0	0
Biological Sciences	435	448	1,231	-	1,276	1,435I	432	448	1,231	-	1,276	1,435I
Medical Sciences	0	0	617	-	0	0	0	0	617	-	0	0
Life Sci, n e c	0	587	62	-	715	864I	0	302	62	-	598	673I
PSYCHOLOGY	0	0	0	-	64	72I	0	0	0	-	64	72I
SOCIAL SCIENCES	482	475	22	-	76	86I	261	0	22	-	76	86I
Economics	32	18	22	-	76	86I	0	0	22	-	76	86I
Political Science	0	362	0	-	0	0	0	0	0	-	0	0
Sociology	112	0	0	-	0	0	106	0	0	-	0	0
Social Sci, n e c	338	95	0	-	0	0	155	0	0	-	0	0
OTHER SCIENCES, n e c	235	0	0	-	0	0	185	0	0	-	0	0



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,509	2,433	2,757	-	2,382	2,739I
Federal Government	1,213	1,669	2,717	-	2,265	2,548I
State and Local Government	143	380	40	-	0	0
Industry	0	0	0	-	117	191I
Institutional Funds	152	380	0	-	0	0
All Other Outside Sources	1	4	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD, FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	100	52	28	-	45	45I	85	52	28	-	45	45I
Engineering	8E	0	0	-	0	0	0	0	0	-	0	0
Physical Sciences	29E	0	0	-	0	0	25	0	0	-	0	0
Environmental Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Math. & Computer Sci.	0	5?	28	-	0	0	0	0	0	-	0	0
Life Sciences	39E	0	0	-	45	45I	36	52	28	-	0	0
Psychology	0	0	0	-	0	0	0	0	0	-	45	45I
Social Sciences	2	0	0	-	0	0	0	0	0	-	0	0
Other Sciences, n.e.c.	22	0	0	-	0	0	2	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	3,758	3,769	3,856	5,883	7,072	9,602	3,532	6,208	859	954	4,395
Department of Agriculture	698	698	617	677	889	967	1,073	1,148	709	432	7
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	38	58	41	6	0	0	0	0
Department of Education	0	0	0	0	0	0	0	4,219	0	91	4,128
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	5	9	0	12	0	100	0	0	0	0
Dept. of Health & Human Services	2,689	1,773	3,093	4,635	5,775	8,189	1,967	639	15	364	260
National Institutes of Health	608	217	227	257	203	352	505	379	15	364	0
ADAMHA	0	0	0	0	0	35	34	29	0	0	29
Office of Education	2,077	944	2,577	4,097	5,218	7,529	1,100	0	0	0	0
Other HHS	4	612	289	281	354	273	328	231	0	0	231
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	43	2	0	0	0	0	0	0
AID	0	1,219	0	0	0	150	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	24	24	82	80	105	127	339	116	116	0	0
National Science Foundation	347	50	55	406	230	128	47	86	19	67	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	4	1	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	3,758	3,769	3,856	5,883	7,072	9,602	3,532	6,208
Research and Development	603	1,768	573	1,119	940	1,206	1,279	859
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	4	0	0	0	0	0	0	0
Fellowships & Training Grants	4	0	0	4	1	42	24	158
General Support for Science	305	193	227	220	209	329	441	364
Other Science	252	252	190	162	349	387	418	432
Non-Science	2,590	1,556	2,866	4,378	5,573	7,838	1,370	4,395

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	NASA	NSF
TOTAL	603	1,768	573	1,119	940	1,006	1,279	859	709	116	19
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n e c	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	36	98	0	132	40	83	155	86	0	67	19
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	51	0	46	0	0	0	0	0	0	0
Physics	36	47	0	86	40	83	155	86	0	67	19
Physical Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	97	0	18	300	168	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n e c	97	0	18	300	168	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	236	451	369	644	654	828	944	585	521	49	0
Biological Sciences	212	451	305	552	500	770	436	25	10	0	0
Medical Sciences	0	0	0	38	74	48	308	560	511	49	0
Life Sciences, n e c	24	0	64	54	80	10	200	0	0	0	0
PSYCHOLOGY	0	0	0	0	25	0	0	0	0	0	0
SOCIAL SCIENCES	234	1,219	186	43	53	95	180	188	188	0	0
Economics	0	0	0	43	2	44	51	54	54	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	234	1,219	0	0	0	51	58	134	134	0	0
Social Sciences, n e c	0	0	186	0	51	0	71	0	0	0	0
OTHER SCIENCES, n e c	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	46	55	-	51	51	16	26	0	16	16
Men	-	-	-	34	36	-	-	-	11	13
Women	-	-	-	17	15	-	-	-	5	3
First Year	-	-	-	25	25	-	-	-	-	-
Beyond First Year	-	-	-	26	26	-	-	-	-	-
U S Citizens	-	-	-	45	45	-	-	0	-	-
Foreign	-	-	-	6	6	-	-	0	-	-
Engineering	0	3	-	10	10	0	0	0	0	0
Physical Sciences	0	0	-	0	0	0	0	0	0	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math & Computer Sciences	0	0	-	0	0	0	0	0	0	0
Life Sciences	0	10	-	15	15	0	3	0	11	11
Psychology	22	27	-	18	18	9	14	0	0	0
Social Sciences	24	15	-	8	8	7	9	0	5	5

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PART TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	1	3	-	4	8
Engineering	0	0	-	0	4
Physical Sciences	0	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math & Computer Sciences	0	0	-	0	0
Life Sciences	0	0	-	0	0
Psychology	0	0	-	0	0
Social Sciences	1	3	-	4	4

SOURCE NSF-NIH Survey of Graduate Science Students and Postdoctorates

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	15	15
Federal Support	-	-	-	14	14
Institutional Support	-	-	-	1	1
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	3	3
Federal Support	-	-	-	2	2
Institutional Support	-	-	-	1	1
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	4	4
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	4	4
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	29	29
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	3	3
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	26	26

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SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

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SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS, JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	86	88I	154	-	190	202	5	5I	39	-	24	21
ENGINEERS	11	10I	23	-	21	3	0	0I	4	-	1	0
Aeronautical & Astronautical Engineers	0	1I	0	-	0	0	0	0I	0	-	0	0
Chemical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Civil Engineers	3	1I	13	-	0	0	0	0I	4	-	0	0
Electrical Engineers	3	3I	2	-	19	3	0	0I	0	-	1	0
Mechanical Engineers	0	2I	0	-	0	0	0	0I	0	-	0	0
Engineers, n.e.c.	5	3I	8	-	2	0	0	0I	0	-	0	0
PHYSICAL SCIENTISTS	8	13I	14	-	11	18	0	0I	6	-	0	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	5	7I	7	-	1	8	0	0I	4	-	0	0
Physicists	3	5I	7	-	6	6	0	0I	2	-	0	0
Physical Scientists, n.e.c.	0	1I	0	-	4	4	0	0I	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	4I	0	-	33	24	0	1I	0	-	7	6
Atmospheric Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Earth Scientists	0	4I	0	-	19	10	0	1I	0	-	2	1
Oceanographers	0	0I	0	-	0	0	0	0I	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	14	14	-	-	0	-	5	5
MATHEMATICAL & COMPUTER SCIENTISTS	14	15I	17	-	16	20	0	1I	1	-	0	0
Mathematicians	12	12I	15	-	16	20	0	1I	1	-	0	0
Computer Scientists	2	3I	2	-	0	0	0	0I	0	-	0	0
LIFE SCIENTISTS	12	14I	66	-	65	85	0	1I	26	-	8	8
Agricultural Scientists	0	2I	15	-	6	4	0	0I	3	-	0	0
Biological Scientists	12	11I	10	-	22	41	0	1I	7	-	2	5
Medical Scientists	0	1I	41	-	37	40	0	0I	16	-	6	3
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	8	10I	6	-	9	13	0	1I	0	-	2	2
SOCIAL SCIENTISTS	33	22I	28	-	35	39	5	1I	2	-	6	5
Economists	9	5I	7	-	10	8	0	0I	0	-	2	3
Political Scientists	7	5I	6	-	5	0	0	0I	0	-	0	0
Sociologists	17	8I	15	-	18	25	5	1I	2	-	4	2
Social Scientists, n.e.c.	0	4I	0	-	2	6	0	0I	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	37	52	80	-	89	112	0	11	34	-	10	11
FIRST PROFESSIONAL	0	0	2	-	13	5	0	0	0	-	1	0
MASTER'S	44	32	54	-	52	62	2	3	5	-	12	10
BACHELOR'S (or equivalent)	5	4	18	-	36	23	3	1	0	-	1	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	78	113	-	149	157	10	41	-	41	45
Engineers	10	22	-	21	3	0	1	-	0	0
Physical Scientists	12	14	-	10	18	1	0	-	1	0
Environmental Scientists	4	0	-	30	21	0	0	-	3	3
Mathematical & Computer Scientists	13	12	-	9	12	2	5	-	7	8
Life Scientists	11	40	-	51	73	3	26	-	14	12
Psychologists	8	4	-	3	6	2	2	-	6	7
Social Scientists	20	21	-	25	24	2	7	-	10	15

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS									1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci	
TOTAL	789	1,016	1,060	395	1,068	1,503	1,615	1,234	50	0	1,184	
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0	
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0	
Department of Defense	0	0	0	0	0	0	0	0	0	0	0	
Department of Education	0	0	0	0	0	0	0	0	0	0	0	
Department of Energy	0	0	0	0	0	0	0	1,184	0	0	1,184	
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0	
Dept of Health & Human Services	789	1,016	1,060	395	1,068	1,503	1,615	0	0	0	0	
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0	
ADAMHA	103	109	103	77	0	0	0	0	0	0	0	
Office of Education	686	907	957	318	1,068	1,503	1,615	0	0	0	0	
Other HHS	0	0	0	0	0	0	0	0	0	0	0	
Dept of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0	
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0	
AID	0	0	0	0	0	0	0	0	0	0	0	
Department of Labor	0	0	0	0	0	0	0	0	0	0	0	
NASA	0	0	0	0	0	0	0	0	0	0	0	
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0	
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0	
Department of Transportation	0	0	0	0	0	0	0	50	50	0	0	

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	789	1,016	1,060	395	1,068	1,503	1,615	1,234
Research and Development	0	0	0	0	0	0	0	50
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	103	109	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	686	907	1,060	395	1,068	1,503	1,615	1,184

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	5	5I	5I	-	4	5	0	0I	0I	-	5	5
ENGINEERS	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Chemical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Civil Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Electrical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Mechanical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Engineers, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
PHYSICAL SCIENTISTS	1	1I	1I	-	0	0	0	0I	0I	-	3	5
Astronomers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Chemists	0	0I	0I	-	0	0	0	0I	0I	-	2	2
Physicists	0	0I	0I	-	0	0	0	0I	0I	-	1	3
Physical Scientists, n.e.c.	1	0I	0I	-	0	0	0	0I	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Atmospheric Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Earth Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Oceanographers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Environmental Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	1I	1I	-	2	2	0	0I	0I	-	2	0
Mathematicians	2	1I	1I	-	2	2	0	0I	0I	-	1	0
Computer Scientists	0	0I	0I	-	0	0	0	0I	0I	-	1	0
LIFE SCIENTISTS	2	0I	0I	-	2	3	0	0I	0I	-	0	0
Agricultural Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Biological Scientists	2	0I	0I	-	2	3	0	0I	0I	-	0	0
Medical Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Life Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	0	1I	1I	-	0	0	0	0I	0I	-	0	0
SOCIAL SCIENTISTS	0	1I	1I	-	0	0	0	0I	0I	-	0	0
Economists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Political Scientists	0	1I	1I	-	0	0	0	0I	0I	-	0	0
Sociologists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Social Scientists, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	2	4I	4I	-	1	2	0	0I	0I	-	2	2
FIRST PROFESSIONAL	0	0I	0I	-	0	0	0	0I	0I	-	0	0
MASTER'S	3	1I	1I	-	3	3	0	0I	0I	-	3	3
BACHELOR'S (or equivalent)	0	0I	0I	-	0	0	0	0I	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	5I	5I	-	1	2	0I	0I	-	3	3
Engineers	0I	0I	-	0	0	0I	0I	-	0	0
Physical Scientists	1I	1I	-	0	0	0I	0I	-	0	0
Environmental Scientists	1I	1I	-	0	0	0I	0I	-	0	0
Mathematical & Computer Scientists	1I	1I	-	0	0	0I	0I	-	2	2
Life Scientists	0I	0I	-	1	2	0I	0I	-	1	1
Psychologists	1I	1I	-	0	0	0I	0I	-	0	0
Social Scientists	1I	1I	-	0	0	0I	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	128	861	93	-	1171	9	128	841	87	-	1171	9
ENGINEERING	0	71	0	-	0	0	0	71	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	0	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	72	101	58	-	691	9	72	101	52	-	691	9
Astronomy	0	11	0	-	0	0	0	11	0	-	0	0
Chemistry	72	61	58	-	691	9	72	61	52	-	691	9
Physics	0	21	0	-	0	0	0	21	0	-	0	0
Physical Sci., n.e.c.	0	11	0	-	0	0	0	11	0	-	0	0
144 ENVIRONMENTAL SCIENCES	0	21	0	-	0	0	0	21	0	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	0	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI	19	31	0	-	0	0	19	21	0	-	0	0
Mathematics	19	11	0	-	0	0	19	11	0	-	0	0
Computer Science	0	21	0	-	0	0	0	11	0	-	0	0
LIFE SCIENCES	37	341	35	-	481	0	37	331	35	-	481	0
Agricultural Sciences	0	111	0	-	0	0	0	111	0	-	0	0
Biological Sciences	37	141	35	-	481	0	37	141	35	-	481	0
Medical Sciences	0	81	0	-	0	0	0	71	0	-	0	0
Life Sci., n.e.c.	0	11	0	-	0	0	0	11	0	-	0	0
PSYCHOLOGY	0	51	0	-	0	0	0	51	0	-	0	0
SOCIAL SCIENCES	0	171	0	-	0	0	0	171	0	-	0	0
Economics	0	11	0	-	0	0	0	11	0	-	0	0
Political Science	0	11	0	-	0	0	0	11	0	-	0	0
Sociology	0	141	0	-	0	0	0	141	0	-	0	0
Social Sci., n.e.c.	0	11	0	-	0	0	0	11	0	-	0	0
OTHER SCIENCES, n.e.c.	0	81	0	-	0	0	0	81	0	-	0	0

SOURCE NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS, FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	128	841	93	-	1171	9
Federal Government	128	841	87	-	1171	9
State and Local Government	0	11	0	-	0	0
Industry	0	01	6	-	0	0
Institutional Funds	0	11	0	-	0	0
All Other Outside Sources	0	01	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD, FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	469	4691	2	1	21	9	450	1861	0	-	01	9
Engineering	0	1681	0	-	0	0	0	1681	0	-	0	0
Physical Sciences	177	121	2	-	21	9	177	81	0	-	01	9
Environmental Sciences	17	31	0	-	0	0	17	11	0	-	0	0
Math & Computer Sci.	39	21	0	-	0	0	39	01	0	-	0	0
Life Sciences	77	1521	0	-	0	0	77	41	0	-	0	0
Psychology	40	71	0	-	0	0	40	51	0	-	0	0
Social Sciences	119	1101	0	-	0	0	100	01	0	-	0	0
Other Sciences, n.e.c.	0	151	0	-	0	0	0	01	0	-	0	0

SOURCE NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	994	1,662	1,369	1,697	3,485	3,436	2,031	1,534	24	79	1,431
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,412	0	0	1,412
Environmental Protection Agency	0	16	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	977	1,443	1,349	1,682	3,151	3,397	2,007	24	0	5	0
National Institutes of Health	77	72	71	74	116	82	90	5	0	5	19
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	884	1,248	1,239	1,542	3,185	3,206	1,812	0	0	0	0
Other HHS	16	123	39	66	150	109	105	19	0	0	19
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	17	203	20	15	34	39	24	98	24	74	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	994	1,662	1,369	1,697	3,485	3,436	2,031	1,534
Research and Development	0	13	20	15	0	0	0	24
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	16	16	0	43	19	0	0	0
General Support for Science	77	262	71	71	150	100	90	5
Other Science	17	0	0	0	0	0	24	74
Non-Science	884	1,371	1,278	1,565	3,316	3,315	1,917	1,431

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NSI		
TOTAL	-	13	20	15	-	-	-	24	24	0	0
ENGINEERING	-	0	0	0	-	-	-	0	0	0	0
Aeronautical	-	0	0	0	-	-	-	0	0	0	0
Astronautical	-	0	0	0	-	-	-	0	0	0	0
Chemical	-	0	0	0	-	-	-	0	0	0	0
Civil	-	0	0	0	-	-	-	0	0	0	0
Electrical	-	0	0	0	-	-	-	0	0	0	0
Mechanical	-	0	0	0	-	-	-	0	0	0	0
Metallurgy and Materials	-	0	0	0	-	-	-	0	0	0	0
Engineering, n e c	-	0	0	0	-	-	-	0	0	0	0
PHYSICAL SCIENCES	-	0	0	0	-	-	-	0	0	0	0
Astronomy	-	0	0	0	-	-	-	0	0	0	0
Chemistry	-	0	0	0	-	-	-	0	0	0	0
Physics	-	0	0	0	-	-	-	0	0	0	0
Physical Sciences, n e c	-	0	0	0	-	-	-	0	0	0	0
ENVIRONMENTAL SCIENCES	-	0	0	0	-	-	-	0	0	0	0
Atmospheric Sciences	-	0	0	0	-	-	-	0	0	0	0
Geological Sciences	-	0	0	0	-	-	-	0	0	0	0
Oceanography	-	0	0	0	-	-	-	0	0	0	0
Environmental Sciences, n e c	-	0	0	0	-	-	-	0	0	0	0
MATH AND COMPUTER SCIENCES	-	13	0	15	-	-	-	0	0	0	0
LIFE SCIENCES	-	0	20	0	-	-	-	24	24	0	0
Biological Sciences	-	0	20	0	-	-	-	24	24	0	0
Medical Sciences	-	0	0	0	-	-	-	0	0	0	0
Life Sciences, n e c	-	0	0	0	-	-	-	0	0	0	0
PSYCHOLOGY	-	0	0	0	-	-	-	0	0	0	0
SOCIAL SCIENCES	-	0	0	0	-	-	-	0	0	0	0
Economics	-	0	0	0	-	-	-	0	0	0	0
Political Science	-	0	0	0	-	-	-	0	0	0	0
Sociology	-	0	0	0	-	-	-	0	0	0	0
Social Sciences, n e c	-	0	0	0	-	-	-	0	0	0	0
OTHER SCIENCES, n e c	-	0	0	0	-	-	-	0	0	0	0

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	40	46	51	-	511	4	2	3	1	-	11	1
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n e c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	7	7	8	-	81	4	0	0	0	-	01	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	6	6	7	-	71	3	0	0	0	-	01	0
Physicists	1	1	1	-	11	1	0	0	0	-	01	0
Physical Scientists, n e c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	1
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	1
Environmental Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	11	11	10	-	101	0	0	0	0	-	01	0
Mathematicians	8	8	7	-	71	0	0	0	0	-	01	0
Computer Scientists	3	3	3	-	31	0	0	0	0	-	01	0
LIFE SCIENTISTS	10	10	10	-	101	0	0	0	0	-	01	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	10	10	10	-	101	0	0	0	0	-	01	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n e c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	3	4	5	-	61	0	2	3	1	-	11	0
SOCIAL SCIENTISTS	9	14	17	-	171	0	0	0	0	-	01	0
Economists	1	3	2	-	21	0	0	0	0	-	01	0
Political Scientists	3	3	3	-	31	0	0	0	0	-	01	0
Sociologists	5	7	6	-	61	0	0	0	0	-	01	0
Social Scientists, n e c	0	1	6	-	61	0	0	0	0	-	01	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	25	40	34	-	341	3	0	0	0	-	01	1
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	15	6	17	-	171	1	2	3	1	-	11	0
BACHELOR'S (or equivalent)	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	35	39	-	391	4	11	12	-	121	0
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	7	8	-	81	1	0	0	-	01	0
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	8	7	-	71	0	3	3	-	31	0
Life Scientists	8	8	-	81	0	2	2	-	21	0
Psychologists	3	4	-	41	0	1	2	-	21	0
Social Scientists	9	12	-	121	0	5	5	-	51	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	-	-	348	689	1,127	1,172	502	883	0	0	883
Department of Agriculture	-	-	0	0	0	0	0	0	0	0	0
Department of Commerce	-	-	0	0	0	0	0	0	0	0	0
Department of Defense	-	-	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	883	0	0	883
Department of Energy	-	-	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	-	-	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	-	-	348	689	893	936	452	0	0	0	0
National Institutes of Health	-	-	0	0	0	0	0	0	0	0	0
ADAMHA	-	-	0	0	0	0	0	0	0	0	0
Office of Education	-	-	348	689	893	936	452	0	0	0	0
Other HHS	-	-	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	-	-	0	0	0	0	0	0	0	0	0
Department of the Interior	-	-	0	0	0	0	0	0	0	0	0
AID	-	-	0	0	0	0	0	0	0	0	0
Department of Labor	-	-	0	0	0	0	0	0	0	0	0
NASA	-	-	0	0	0	0	0	0	0	0	0
National Science Foundation	-	-	0	0	234	236	50	0	0	0	0
Nuclear Regulatory Commission	-	-	0	0	0	0	0	0	0	0	0
Department of Transportation	-	-	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	-	-	348	689	1,127	1,172	502	883
Research and Development	-	-	0	0	0	0	0	0
R&D Plant	-	-	0	0	0	0	0	0
Facilities for Instruction	-	-	0	0	5	0	0	0
Fellowships & Training Grants	-	-	0	0	0	0	0	0
General Support for Science	-	-	0	0	229	236	50	0
Other Science	-	-	0	0	0	0	0	0
Non-Science	-	-	348	689	893	936	452	883

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	443	363	562	815	2,245	1,797	301	319	476	688	1,750	1,548
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0	0
Aero/Astronautical	-	-	-	-	-	-	-	-	-	-	-	-
Chemical	-	-	-	-	-	-	-	-	-	-	-	-
Civil	-	-	-	-	-	-	-	-	-	-	-	-
Electrical	-	-	-	-	-	-	-	-	-	-	-	-
Mechanical	-	-	-	-	-	-	-	-	-	-	-	-
Engineering, n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
PHYSICAL SCIENCES	122	147	149	550	852	872	72	125	84	451	740	742
Astronomy	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	122	98	84	550	852	867	72	85	19	451	740	742
Physics	0	0	17	0	0	5	0	0	17	0	0	0
Physical Sci., n.e.c.	0	49	48	0	0	0	0	40	48	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	-	-	-	-	-	-	-	-	-	-	-	-
Earth Sciences	-	-	-	-	-	-	-	-	-	-	-	-
Oceanographic Sci.	-	-	-	-	-	-	-	-	-	-	-	-
Env't'l Sci., n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
MATH. & COMPUTER SCI.	0	0	0	0	10	214	0	0	0	0	0	197
Mathematics	0	0	0	0	0	86	0	0	0	0	0	69
Computer Science	0	0	0	0	10	128	0	0	0	0	0	128
LIFE SCIENCES	300	200	219	228	935	376	229	194	219	228	593	365
Agricultural Sciences	0	0	0	0	0	0	0	0	0	0	0	0
Biological Sciences	300	200	219	228	935	376	229	194	219	228	593	365
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0	0
Life Sci., n.e.c.	0	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	21	16	21	37	448	335	0	0	0	9	417	244
Economics	0	0	0	0	8	146	0	0	0	0	8	138
Political Science	21	16	21	23	440	189	0	0	0	0	409	106
Sociology	0	0	0	14	0	0	0	0	0	0	0	0
Social Sci., n.e.c.	0	0	0	0	0	0	0	0	0	9	0	0
OTHER SCIENCES, n.e.c.	0	0	173	0	0	0	0	0	173	0	0	0

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	443	363	562	815	2,245	1,797
Federal Government	301	319	476	688	1,750	1,548
State and Local Government	0	0	0	0	0	0
Industry	45	25	54	46	5	93
Institutional Funds	72	12	4	53	29E	133
All Other Outside Sources	25	7	28	28	461	23

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	165	143	175	-	210	307	103	129	156	-	180	257
Engineering	0	0	0	-	0	0	0	0	0	-	0	0
Physical Sciences	47	14	73	-	200	150	3	0	58	-	180	100
Environmental Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Math & Computer Sci	0	0	0	-	10	14	0	0	0	-	0	0
Life Sciences	118	129	30	-	0	143	100	129	26	-	0	143
Psychology	0	0	0	-	0	0	0	0	0	-	0	0
Social Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Other Sciences, n e c	0	0	72	-	0	0	0	0	72	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,140	1,540	1,318	2,014	1,690	6,646	2,126	1,858	503	576	779
Department of Agriculture	0	0	0	0	0	0	10	16	15	0	1
Department of Commerce	0	0	0	0	0	0	0	30	30	0	0
Department of Defense	0	0	0	0	0	0	0	154	154	0	0
Department of Education	0	0	0	0	0	0	0	483	0	38	445
Department of Energy	0	0	0	0	0	0	309	138	138	0	0
Environmental Protection Agency	0	0	0	0	64	50	54	0	0	0	0
Dept. of Health & Human Services	908	1,445	908	1,963	1,259	3,621	1,426	625	50	242	333
National Institutes of Health	33	667	57	864	92	191	185	242	0	242	0
ADAMHA	94	185	334	253	119	178	357	333	0	0	333
Office of Education	708	543	468	685	1,025	3,197	697	0	0	0	0
Other HHS	73	50	49	161	23	55	187	50	50	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	17	40	40	0	0
Department of the Interior	0	0	0	0	0	0	39	20	20	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	25	25	25	25	0	56	56	0	0
National Science Foundation	165	95	318	26	342	2,950	271	296	0	296	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	67	0	67	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,140	1,540	1,318	2,014	1,690	6,646	2,126	1,858
Research and Development	98	27	156	174	192	189	644	503
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	170	915	42	83	281	279	285	474
General Support for Science	0	5	0	769	50	2,767	80	19
Other Science	164	0	318	0	0	36	63	83
Non Science	708	593	802	988	1,167	3,375	1,054	779

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	DOD	DOE	NASA
TOTAL	98	27	156	174	192	189	644	503	154	138	56
ENGINEERING	0	0	0	0	64	0	54	106	50	0	56
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	64	0	54	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	56	0	0	56
Engineering, n.e.c.	0	0	0	0	0	0	0	50	50	0	0
PHYSICAL SCIENCES	0	0	25	45	25	25	50	65	40	25	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	25	45	25	25	50	40	40	0	0
Physics	0	0	0	0	0	0	0	25	0	25	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	250	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	250	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	64	64	0	0
LIFE SCIENCES	31	27	15	77	103	109	47	15	0	0	0
Biological Sciences	31	27	15	77	103	109	47	15	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	67	0	116	2	0	55	243	203	0	63	0
Economics	0	0	0	0	0	0	0	30	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	67	0	67	0	0	0	56	123	0	63	0
Social Sciences, n.e.c.	0	0	49	2	0	55	187	50	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	50	0	0	0	50	0	50	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL .....	360	376	431	419	467	107	105	142	157	150
Men .....	184	192	-	174	219	37	40	-	60	55
Women .....	176	184	-	245	248	70	65	-	97	95
First Year .....	192	192	184	199	192	-	-	-	-	-
Beyond First Year .....	168	184	247	220	275	-	-	-	-	-
U S. Citizens .....	323	314	-	333	364	-	-	-	-	-
Foreign .....	37	62	-	86	103	-	-	-	-	-
Engineering .....	0	0	0	0	0	0	0	0	0	0
Physical Sciences .....	38	41	46	30	42	14	17	22	21	21
Environmental Sciences .....	0	0	0	0	0	0	0	0	0	0
Math. & Computer Sciences .....	9	9	13	6	39	0	3	4	1	6
Life Sciences .....	82	74	93	92	72	49	19	54	52	42
Psychology .....	0	0	0	0	0	0	0	0	0	0
Social Sciences .....	231	252	279	291	314	44	66	62	83	81

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL .....	34	61	59	98	120
Engineering .....	0	0	0	0	0
Physical Sciences .....	0	3	6	19	14
Environmental Sciences .....	0	0	0	0	0
Math. & Computer Sciences .....	2	0	4	0	3
Life Sciences .....	13	20	6	30	28
Psychology .....	0	0	0	0	0
Social Sciences .....	19	38	43	49	75

SOURCE NSF-NIH Survey of Graduate Science Students and Postdoctorates

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	2	0	-	1	0	2	0	-	1	0
Engineering	0	0	-	0	0	0	0	-	0	0
Physical Sciences	2	0	-	1	0	2	0	-	1	0
Environmental Sciences	0	0	-	0	0	0	0	-	0	0
Math & Computer Sciences	0	0	-	0	0	0	0	-	0	0
Life Sciences	0	0	-	0	0	0	0	-	0	0
Psychology	0	0	-	0	0	0	0	-	0	0
Social Sciences	0	0	-	0	0	0	0	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	139	102	-	137	140
Federal Support	65	56	-	101	82
Institutional Support	49	10	-	33	53
Other Outside Support	25	36	-	3	5
Self-Support	0	0	-	0	0
RESEARCH ASSISTANTSHIPS	23	3	-	19	62
Federal Support	23	3	-	17	60
Institutional Support	0	0	-	0	0
Other Outside Support	0	0	-	2	2
Self-Support	0	0	-	0	0
TEACHING ASSISTANTSHIPS	18	13	-	9	12
Federal Support	0	10	-	2	2
Institutional Support	15	0	-	7	10
Other Outside Support	3	3	-	0	0
Self-Support	0	0	-	0	0
OTHER TYPES OF SUPPORT	180	258	-	254	253
Federal Support	19	36	-	37	6
Institutional Support	28	34	-	24	36
Other Outside Support	12	9	-	49	9
Self-Support	121	179	-	144	202

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.



## SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	32	36	31	43	54	43	4	9	15	15	14	15
ENGINEERS	0	0	0	0	0	0	0	0	0	0	0	0
Aeronautical & Astronautical Engineers	0	0	0	0	0	0	0	0	0	0	0	0
Chemical Engineers	0	0	0	0	0	0	0	0	0	0	0	0
Civil Engineers	0	0	0	0	0	0	0	0	0	0	0	0
Electrical Engineers	0	0	0	0	0	0	0	0	0	0	0	0
Mechanical Engineers	0	0	0	0	0	0	0	0	0	0	0	0
Engineers, n.e.c.	0	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENTISTS	8	8	8	9	9	10	0	2	2	1	4	4
Astronomers	-	-	0	0	0	0	-	-	0	0	0	0
Chemists	8	8	8	9	7	9	0	2	2	1	4	1
Physicists	0	0	0	0	2	1	0	0	0	0	0	3
Physical Scientists, n.e.c.	0	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Scientists	0	0	0	0	0	0	0	0	0	0	0	0
Earth Scientists	0	0	0	0	0	0	0	0	0	0	0	0
Oceanographers	0	0	0	0	0	0	0	0	0	0	0	0
Environmental Scientists, n.e.c.	-	-	0	0	0	0	-	-	0	0	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	3	3	2	4	5	0	2	3	4	0	3
Mathematicians	2	3	3	2	4	5	0	2	3	4	0	3
Computer Scientists	0	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENTISTS	7	7	8	7	9	11	4	3	5	5	6	6
Agricultural Scientists	0	0	0	0	0	0	0	0	0	0	0	0
Biological Scientists	7	7	8	7	9	11	4	3	5	5	6	6
Medical Scientists	0	0	0	0	0	0	0	0	0	0	0	0
Life Scientists, n.e.c.	-	-	0	0	0	0	-	-	0	0	0	0
PSYCHOLOGISTS	0	0	0	6	0	0	0	0	0	1	0	0
SOCIAL SCIENTISTS	15	18	12	19	32	17	0	2	5	4	4	2
Economists	1	3	0	2	3	3	0	1	3	1	1	0
Political Scientists	10	10	9	14	8	7	0	0	0	3	2	0
Sociologists	4	4	3	3	3	3	0	1	2	0	0	0
Social Scientists, n.e.c.	0	1	0	0	18	4	0	0	0	0	1	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	24	34	27	-	37	38	4	5	10	-	12	3
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	8	2	4	-	17	5	0	4	5	-	2	12
BACHELOR'S (or equivalent)	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	31	27	-	37	36	5	4	-	17	7
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	8	8	-	9	9	0	0	-	0	1
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	3	3	-	4	5	0	0	-	0	0
Life Scientists	5	5	-	6	7	2	3	-	3	4
Psychologists	0	0	-	0	0	0	0	-	0	0
Social Scientists	15	11	-	18	15	3	1	-	14	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,426	3,444	2,547	1,965	2,625	5,152	1,863	2,773	280	30	2,463
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	2,429	0	0	2,429
Environmental Protection Agency	34	29	0	30	14	0	0	0	0	0	0
Dept. of Health & Human Services	2,129	3,138	2,437	1,860	2,562	4,782	1,418	64	0	30	34
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	2,129	3,059	2,437	1,800	2,349	4,556	1,209	0	0	0	0
Other HHS	0	79	0	60	213	226	209	64	0	30	34
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	25	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	200	200	200	200	0	0
NASA	0	40	31	40	0	41	30	32	32	0	0
National Science Foundation	223	237	79	35	49	65	190	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	40	0	0	0	0	64	0	48	48	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,426	3,444	2,547	1,965	2,625	5,152	1,863	2,773
Research and Development	74	77	77	70	32	305	255	280
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	28	30
General Support for Science	223	184	0	0	0	0	66	0
Other Science	0	53	33	35	31	65	124	0
Non Science	2,129	3,130	2,437	1,860	2,562	4,782	1,390	2,463

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS, BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	LABR	DOT	NASA
TOTAL	74	77	77	70	32	305	255	280	200	48	32
ENGINEERING	0	0	0	0	0	64	0	48	0	48	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	64	0	48	0	48	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n e c	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	34	0	0	0	32	11	30	32	0	0	32
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	32	0	30	32	0	0	32
Physics	34	0	0	0	0	11	0	0	0	0	0
Physical Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	69	52	40	0	30	0	0	0	0	0
Atmospheric Sciences	0	69	52	40	0	30	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	0	0	5	0	0	0	0	0	0	0	0
LIFE SCIENCES	0	8	0	30	0	0	0	0	0	0	0
Biological Sciences	0	8	0	30	0	0	0	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	40	0	0	0	0	200	225	200	200	0	0
Economics	0	0	0	0	0	200	200	200	200	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	40	0	0	0	0	0	25	0	0	0	0
Social Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
OTHER SCIENCES, n e c	0	0	20	0	0	0	0	0	0	0	0

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	26I	27I	36	-	36I	37I	4I	4I	13	-	15I	16I
ENGINEERS .....	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Aeronautical & Astronautical Engineers .....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Chemical Engineers .....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Civil Engineers .....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Electrical Engineers .....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Mechanical Engineers .....	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Engineers, n.e.c. ....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
PHYSICAL SCIENTISTS .....	4I	5I	10	-	10I	10I	0I	0I	2	-	2I	2I
Astronomers .....	-	-	0	-	0	0	-	-	0	-	0	0
Chemists .....	2I	3I	4	-	4I	4I	0I	0I	2	-	2I	2I
Physicists .....	2I	2I	3	-	3I	3I	0I	0I	0	-	0I	0I
Physical Scientists, n.e.c. ....	0I	0I	3	-	3I	3I	0I	0I	0	-	0I	0I
ENVIRONMENTAL SCIENTISTS .....	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Atmospheric Scientists .....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Earth Scientists .....	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Oceanographers .....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Environmental Scientists, n e c. ....	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS .....	4I	4I	9	-	9I	9I	0I	1I	0	-	0I	0I
Mathematicians .....	3I	4I	9	-	9I	9I	0I	1I	0	-	0I	0I
Computer Scientists .....	1I	0I	0	-	0	0	0I	0I	0	-	0	0
LIFE SCIENTISTS .....	5I	6I	8	-	8I	9I	1I	1I	0	-	0I	0I
Agricultural Scientists .....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Biological Scientists .....	4I	6I	8	-	8I	9I	1I	1I	0	-	0I	0I
Medical Scientists .....	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Life Scientists, n.e.c. ....	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS .....	3I	4I	3	-	3I	3I	1I	0I	3	-	3I	3I
SOCIAL SCIENTISTS .....	8I	8I	6	-	6I	6I	2I	2I	8	-	10I	11I
Economists .....	2I	2I	2	-	2I	2I	1I	1I	1	-	1I	1I
Political Scientists .....	2I	3I	2	-	2I	2I	0I	1I	5	-	7I	8I
Sociologists .....	3I	3I	2	-	2I	2I	1I	0I	2	-	2I	2I
Social Scientists, n.e.c. ....	1I	0I	0	-	0	0	0I	0I	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	17I	18I	22	-	22I	23I	1I	1I	3	-	3I	3I
FIRST PROFESSIONAL	0I	0I	0	-	0	0	0I	0I	0	-	0	0
MASTER'S	8I	9I	14	-	14I	14I	2I	3I	10	-	12I	13I
BACHELOR'S (or equivalent)	1I	0I	0	-	0	0	1I	0I	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	22I	29	-	29I	30I	5I	7	-	7I	7I
Engineers	0I	0	-	0	0	0I	0	-	0	0
Physical Scientists	5I	10	-	10I	10I	0I	0	-	0I	0I
Environmental Scientists	0I	0	-	0	0	0I	0	-	0	0
Mathematical & Computer Scientists	3I	6	-	6I	6I	1I	3	-	3I	3I
Life Scientists	4I	6	-	6I	7I	2I	2	-	2I	2I
Psychologists	3I	3	-	3I	3I	1I	0	-	0I	0I
Social Scientists	7I	4	-	4I	4I	1I	2	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*           INSTITUTIONAL PROFILE
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*
*           001566
*
*           FORT VALLEY STATE COLLEGE
*
* Public                               Bachelor's-Granting
*
*           CARNEGIE COUNCIL CATEGORY:  2.2
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
 NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D.C. 20550  
 (202) 634-4673

Prepared by:

Moshman Associates, Inc.  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,713	2,186	2,624	3,094	6,299	3,981	2,627	3,179	1,391	726	1,062
Department of Agriculture	1,091	1,092	1,380	1,085	1,403	1,507	1,660	1,764	1,129	635	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	16	16	0	0
Department of Education	0	0	0	0	0	0	0	1,062	0	0	1,062
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	5	0	0	86	0	13	0	0	0	0
Dept. of Health & Human Services	616	1,078	1,244	2,009	4,810	2,474	924	337	246	91	0
National Institutes of Health	0	116	4	82	61	53	306	337	246	91	0
ADAMHA	65	108	0	0	0	0	0	0	0	0	0
Office of Education	551	854	1,240	1,927	4,749	2,385	618	0	0	0	0
Other HHS	0	0	0	0	0	36	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	30	0	0	0	0
National Science Foundation	6	11	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,713	2,186	2,624	3,094	6,299	3,981	2,627	3,179
Research and Development	724	729	788	847	977	939	1,320	1,391
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	65	108	0	0	0	36	0	0
General Support for Science	6	126	4	82	61	53	74	91
Other Science	367	369	592	238	512	568	615	635
Non Science	551	854	1,240	1,927	4,749	2,385	618	1,062

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	HHS	DOD
TOTAL	724	729	788	847	977	939	1,320	1,391	1,129	246	16
ENGINEERING	0	0	0	0	91	0	13	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	91	0	13	0	0	0	0
PHYSICAL SCIENCES	0	3	3	3	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	3	3	3	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	5	0	0	0	0	30	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	5	0	0	0	0	30	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	724	621	785	844	499	851	951	870	870	0	0
Biological Sciences	724	621	785	844	499	775	0	0	0	0	0
Medical Sciences	0	0	0	0	0	76	951	870	870	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	100	0	0	387	88	94	275	259	0	16
Economics	0	0	0	0	0	88	94	203	203	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	72	56	0	16
Social Sciences, n.e.c.	0	100	0	0	387	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	232	246	0	246	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	59	70	71I	-	71I	73I	4	5	5I	-	6I	7I
ENGINEERS	3	3	3I	-	3I	3I	3	5	5I	-	6I	7I
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	1	2	2I	-	2I	2I	3	5	5I	-	6I	7I
Mechanical Engineers	2	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	10	8	8I	-	8I	8I	0	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	7	7	7I	-	7I	7I	0	0	0I	-	0I	0I
Physicists	2	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Physical Scientists, n.e.c.	1	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	0	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	4	11	11I	-	11I	12I	0	0	0I	-	0I	0I
Mathematicians	4	9	9I	-	9I	10I	0	0	0I	-	0I	0I
Computer Scientists	0	2	2I	-	2I	2I	0	0	0I	-	0I	0I
LIFE SCIENTISTS	21	31	32I	-	32I	33I	0	0	0I	-	0I	0I
Agricultural Scientists	12	11	11I	-	11I	11I	0	0	0I	-	0I	0I
Biological Scientists	8	19	20I	-	20I	21I	0	0	0I	-	0I	0I
Medical Scientists	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	4	4	4I	-	4I	4I	0	0	0I	-	0I	0I
SOCIAL SCIENTISTS	17	12	12I	-	12I	12I	1	0	0I	-	0I	0I
Economists	5	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Political Scientists	3	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Sociologists	4	8	8I	-	8I	8I	0	0	0I	-	0I	0I
Social Scientists, n.e.c.	5	0	0I	-	0	0	1	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	34	39	40I	-	40I	41I	1	0	0I	-	0I	0I
FIRST PROFESSIONAL	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
MASTER'S	24	30	30I	-	30I	31I	3	5	5I	-	6I	7I
BACHELOR'S (or equivalent)	0	0	0I	-	0	0	0	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	58	58I	-	58I	60I	12	13I	-	13I	13I
Engineers	3	3I	-	3I	3I	0	0I	-	0I	0I
Physical Scientists	8	8I	-	8I	8I	0	0I	-	0I	0I
Environmental Scientists	1	1I	-	1I	1I	0	0I	-	0I	0I
Mathematical & Computer Scientists	9	9I	-	9I	10I	2	2I	-	2I	2I
Life Scientists	23	23I	-	23I	24I	8	9I	-	9I	9I
Psychologists	3	3I	-	3I	3I	1	1I	-	1I	1I
Social Scientists	11	11I	-	11I	11I	1	1I	-	1I	1I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL	768	2,719	1,733	1,536	3,048	3,183	1,940	4,150	233	98	3,819
Department of Agriculture	0	0	0	0	0	0	0	28	28	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	1,531	0	0	1,531
Department of Energy	1	0	4	0	33	38	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	48	81	0	0	0	0
Dept. of Health & Human Services	705	2,598	1,583	1,351	2,888	3,053	1,717	2,390	38	64	2,288
National Institutes of Health	99	0	0	21	0	150	127	102	38	64	0
ADAMHA	80	76	62	0	60	0	117	135	0	0	135
Office of Education	526	1,595	1,521	1,270	1,272	2,690	583	0	0	0	0
Other HHS	0	927	0	60	1,556	213	890	2,153	0	0	2,153
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	68	68	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	23	49	87	116	127	44	45	76	76	0	0
National Science Foundation	39	72	59	69	0	0	97	57	23	34	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	768	2,719	1,733	1,536	3,048	3,183	1,940	4,150
Research and Development	23	108	143	199	120	88	265	233
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	81	83	7	7	7	4	0	0
General Support for Science	0	6	0	0	0	150	85	64
Other Science	138	0	0	0	0	0	0	34
Non-Science	526	2,522	1,583	1,330	2,921	2,941	1,590	3,819

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA	INT	HHS
TOTAL	23	108	143	199	120	88	265	233	76	68	38
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	23	62	80	97	80	0	45	51	0	28	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	26	43	60	48	0	45	0	0	0	0
Physics	23	36	37	37	32	0	0	23	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	28	0	28	0
ENVIRONMENTAL SCIENCES	0	0	3	0	40	0	0	40	0	40	0
Atmospheric Sciences	0	0	0	0	40	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	40	0	40	0
Environmental Sciences, n.e.c.	0	0	3	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	9	0	15	0	0	0	26	26	0	0
LIFE SCIENCES	0	37	30	87	0	88	220	116	50	0	38
Biological Sciences	0	37	30	54	0	48	220	66	0	0	38
Medical Sciences	0	0	0	33	0	40	0	50	50	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	30	0	0	0	0	0	0	0	0

SOURCE NS: Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	57	57	58I	-	57	64	6	8	8I	-	20	36
ENGINEERS	0	0	0I	-	0	0	0	0	0I	-	0	1
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	1
PHYSICAL SCIENTISTS	8	10	10I	-	6	6	0	2	2I	-	5	5
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	4	7	7I	-	4	4	0	1	1I	-	1	2
Physicists	4	3	3I	-	2	2	0	1	1I	-	4	3
Physical Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	7	8	8I	-	5	8	1	0	0I	-	5	8
Mathematicians	7	8	8I	-	5	8	1	0	0I	-	5	8
Computer Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
LIFE SCIENTISTS	10	13	13I	-	25	31	0	1	1I	-	6	19
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	7	6	6I	-	8	8	0	0	0I	-	2	1
Medical Scientists	3	7	7I	-	17	23	0	1	1I	-	4	18
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	9	4	4I	-	8	5	0	3	3I	-	3	3
SOCIAL SCIENTISTS	23	22	23I	-	13	14	5	2	2I	-	1	0
Economists	9	8	8I	-	3	5	3	2	2I	-	0	0
Political Scientists	6	9	10I	-	5	5	1	0	0I	-	0	0
Sociologists	5	5	5I	-	3	4	0	0	0I	-	1	0
Social Scientists, n.e.c.	3	0	0I	-	2	0	1	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR	46	37	38I	-	47	54	4	5	5I	-	6	19
FIRST PROFESSIONAL	2	1	1I	-	3	3	0	0	0I	-	2	4
MASTER'S	9	19	19I	-	7	6	2	3	3I	-	12	11
BACHELOR'S (or equivalent)	0	0	0I	-	0	1	0	0	0I	-	0	2

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	48	49I	-	43	50	9	9I	-	14	14
Engineers	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists	9	9I	-	5	5	1	1I	-	1	1
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	8	8I	-	4	6	0	0I	-	1	2
Life Scientists	12	12I	-	18	24	1	1I	-	7	7
Psychologists	3	3I	-	5	4	1	1I	-	3	1
Social Scientists	16	17I	-	11	11	6	6I	-	2	3

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*
*           INSTITUTIONAL PROFILE
*
*           001583
*
*           MORRIS BROWN COLLEGE
*
* Private                               Bachelor's-Granting
*
*           CARNEGIE COUNCIL CATEGORY  2.2
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Data for this institutional profile are based on the following survey data systems

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
 NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system
- A "C" suffix indicates confidential data that cannot be released outside NSF
- A dash (-) indicates that the data were not available.

The abbreviation "n e c" used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D C 20550  
 (202) 634-4673

Prepared by:

Moshman Associates, Inc  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229 3000

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,193	2,560	1,744	1,891	2,395	3,836	902	2,626	55	0	2,571
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	31	31	0	0
Department of Education	0	0	0	0	0	0	0	2,571	0	0	2,571
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	1,179	2,553	1,721	1,789	2,380	3,826	902	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,179	2,553	1,721	1,789	2,380	3,826	852	0	0	0	0
Other HHS	0	0	0	0	0	0	50	0	0	0	0
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	23	0	15	0	0	0	0	0	0
National Science Foundation	14	7	0	102	0	10	0	24	24	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,193	2,560	1,744	1,891	2,395	3,836	902	2,626
Research and Development	0	0	23	0	15	0	50	55
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	14	2	0	0	0	0	0	0
General Support for Science	0	5	0	102	0	10	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	1,179	2,553	1,721	1,789	2,380	3,826	852	2,571

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	OOD	NSF	
TOTAL	-	-	23	-	15	-	50	55	31	24	0
ENGINEERING	-	-	0	-	0	-	0	31	31	0	0
Aeronautical	-	-	0	-	0	-	0	31	31	0	0
Astronautical	-	-	0	-	0	-	0	0	0	0	0
Chemical	-	-	0	-	0	-	0	0	0	0	0
Civil	-	-	0	-	0	-	0	0	0	0	0
Electrical	-	-	0	-	0	-	0	0	0	0	0
Mechanical	-	-	0	-	0	-	0	0	0	0	0
Metallurgy and Materials	-	-	0	-	0	-	0	0	0	0	0
Engineering, n e c	-	-	0	-	0	-	0	0	0	0	0
PHYSICAL SCIENCES	-	-	23	-	15	-	0	0	0	0	0
Astronomy	-	-	0	-	0	-	0	0	0	0	0
Chemistry	-	-	23	-	15	-	0	0	0	0	0
Physics	-	-	0	-	0	-	0	0	0	0	0
Physical Sciences, n.e.c.	-	-	0	-	0	-	0	0	0	0	0
ENVIRONMENTAL SCIENCES	-	-	0	-	0	-	0	0	0	0	0
Atmospheric Sciences	-	-	0	-	0	-	0	0	0	0	0
Geological Sciences	-	-	0	-	0	-	0	0	0	0	0
Oceanography	-	-	0	-	0	-	0	0	0	0	0
Environmental Sciences, n e c	-	-	0	-	0	-	0	0	0	0	0
MATH AND COMPUTER SCIENCES	-	-	0	-	0	-	0	0	0	0	0
LIFE SCIENCES	-	-	0	-	0	-	0	0	0	0	0
Biological Sciences	-	-	0	-	0	-	0	0	0	0	0
Medical Sciences	-	-	0	-	0	-	0	0	0	0	0
Life Sciences, n e c	-	-	0	-	0	-	0	0	0	0	0
PSYCHOLOGY	-	-	0	-	0	-	0	0	0	0	0
SOCIAL SCIENCES	-	-	0	-	0	-	50	0	0	0	0
Economics	-	-	0	-	0	-	0	0	0	0	0
Political Science	-	-	0	-	0	-	0	0	0	0	0
Sociology	-	-	0	-	0	-	0	0	0	0	0
Social Sciences, n e c	-	-	0	-	0	-	0	0	0	0	0
OTHER SCIENCES, n e c	-	-	0	-	0	-	50	0	0	0	0
								24	0	24	0

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	28	27	30	-	30I	12	5	5	7	-	8I	1
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n e c	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	3	3	3	-	3I	3	0	0	0	-	0I	0
Astronomers	3	3	0	-	0	0	0	0	0	-	0	0
Chemists	0	0	3	-	3I	3	0	0	0	-	0I	0
Physicists	0	0	0	-	0	0	0	0	0	-	0	0
Physical Scientists, n e c	0	0	0	-	0	0	0	0	0	-	0	0
179 ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n e c	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	6	7	-	7I	5	1	0	0	-	0I	1
Mathematicians	6	6	6	-	6I	5	1	0	0	-	0I	1
Computer Scientists	0	0	1	-	1I	0	0	0	0	-	0I	0
LIFE SCIENTISTS	4	4	3	-	3I	4	0	0	1	-	1I	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	4	4	3	-	3I	4	0	0	1	-	1I	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n e c	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	4	4	5	-	5I	0	0	0	0	-	0I	0
SOCIAL SCIENTISTS	11	10	12	-	12I	0	5	6	7	-	7I	0
Economists	2	2	2	-	2I	0	0	0	0	-	0I	0
Political Scientists	3	3	3	-	3I	0	1	0	0	-	0I	0
Sociologists	3	3	3	-	3I	0	3	4	5	-	5I	0
Social Scientists, n e c	3	2	4	-	4I	0	0	1	1	-	1I	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS, JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	11	15	11	-	11	8	3	3	6	-	7	0
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	17	12	19	-	19	4	2	2	1	-	1	1
BACHELOR'S (or equivalent)	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS BY FIELD AND SEX: JANUARY 1977-81

180

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	16	14	-	14	7	11	16	-	16	5
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	2	2	-	2	2	1	1	-	1	1
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	4	3	-	3	3	2	4	-	4	2
Life Scientists	3	2	-	2	2	1	1	-	1	2
Psychologists	2	2	-	2	0	2	3	-	3	0
Social Scientists	5	5	-	5	0	5	7	-	7	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
Tf	1,252	1,444	1,403	2,434	1,690	2,783	2,861	1,247	0	0	1,247
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,247	0	0	1,247
Environment Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept of Health & Human Services	1,252	1,414	1,383	2,235	1,690	2,783	2,861	0	0	0	0
National Institutes of Health	25	34	12	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,227	1,380	1,371	2,235	1,690	2,783	2,861	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	23	20	0	0	0	0	0	0	0	0
National Science Foundation	0	7	0	199	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,252	1,444	1,403	2,434	1,690	2,783	2,861	1,247
Research and Development	0	23	20	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	7	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	25	34	12	199	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non Science	1,227	1,380	1,371	2,235	1,690	2,783	2,861	1,247

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	21	21	18	-	18I	19I	3	2	1	-	1I	1I
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n e c	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	5	4	4	-	4I	4I	0	0	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	2	2	-	2I	2I	0	0	0	-	0I	0I
Physicists	2	2	1	-	1I	1I	0	0	0	-	0I	0I
Physical Scientists, n e c	0	0	1	-	1I	1I	0	0	0	-	0I	0I
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	6	3	-	3I	3I	0	0	1	-	1I	1I
Mathematicians	6	6	3	-	3I	3I	0	0	1	-	1I	1I
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	5	5	5	-	5I	6I	2	1	0	-	0I	0I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	5	5	5	-	5I	6I	2	1	0	-	0I	0I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2	2	2	-	2I	2I	1	1	0	-	0I	0I
SOCIAL SCIENTISTS	3	4	4	-	4I	4I	0	0	0	-	0I	0I
Economists	0	0	0	-	0	0	0	0	0	-	0	0
Political Scientists	0	1	0	-	0	0	0	0	0	-	0	0
Sociologists	3	3	4	-	4I	4I	0	0	0	-	0I	0I
Social Scientists, n e c	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	11	10	10		10I	10I	1	2	0	-	0I	0I
FIRST PROFESSIONAL	0	0	0		0	0	0	0	0	-	0	0
MASTER'S	9	11	8		8I	9I	2	0	1	-	1I	1I
BACHELOR'S (or equivalent)	1	0	0		0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	15	11	-	11I	11I	6	7	-	7I	8I
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	4	4	-	4I	4I	0	0	-	0I	0I
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	4	2	-	2I	2I	2	1	-	1I	1I
Life Scientists	3	2	-	2I	2I	2	3	-	3I	4I
Psychologists	1	1	-	1I	1I	1	1	-	1I	1I
Social Scientists	3	2	-	2I	2I	1	2	-	2I	2I

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges

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*
*          INSTITUTIONAL PROFILE
*
*          001590
*
*          SAVANNAH STATE COLLEGE
*
*          Public                Bachelor's-Granting
*
*          CARNEGIE COUNCIL CATEGORY 2.1
*
*****

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Data for this institutional profile are based on the following survey data systems:

- NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions
- NSF-NIH Survey of Graduate Science Students and Postdoctorates
- NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent
- An "I" suffix indicates that the data were imputed by NSF's computer system
- A "C" suffix indicates confidential data that cannot be released outside NSF
- A dash (-) indicates that the data were not available.

The abbreviation "n e c" used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution

Prepared for:

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D C 20550  
 (202) 634-4673

Prepared by

Moshman Associates, Inc  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL	1,233	1,309	1,689	4,702	2,613	3,164	798	1,404	23	359	1,022
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,022	0	0	1,022
Environmental Protection Agency	0	14	10	10	0	0	82	0	0	0	0
Dept. of Health & Human Services	961	1,275	1,624	4,645	2,566	3,129	716	359	0	359	0
National Institutes of Health	0	0	97	52	183	145	304	359	0	359	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	961	1,275	1,527	4,593	2,383	2,984	412	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	31	25	47	35	0	0	0	0	0
National Science Foundation	272	20	24	22	0	0	0	23	23	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,233	1,309	1,689	4,702	2,613	3,164	798	1,404
Research and Development	17	20	55	47	47	35	82	23
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	14	10	10	0	0	105	109
General Support for Science	244	0	97	52	183	145	199	250
Other Science	11	0	0	0	0	0	0	0
Non-Science	961	1,275	1,527	4,593	2,383	2,984	412	1,022

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NSF		
TOTAL	17	20	55	47	47	35	82	23	23	0	0
ENGINEERING	0	0	0	0	20	8	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	20	8	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	17	0	0	0	0	0	82	23	23	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	17	0	0	0	0	0	82	0	0	0	0
Physics	0	0	0	0	0	0	0	23	23	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	31	25	27	27	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	31	25	27	27	0	0	0	0	0
MATH AND COMPUTER SCIENCES	0	0	24	0	0	0	0	0	0	0	0
LIFE SCIENCES	0	20	0	22	0	0	0	0	0	0	0
Biological Sciences	0	20	0	22	0	0	0	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	42	42	41	-	41I	42I	0	0	0	-	0I
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n e c	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	6	6	6	-	6I	6I	0	0	0	-	0I	0I
Astronomers	-	-	0	-	0	0	0	0	0	-	0	0
Chemists	4	4	4	-	4I	4I	0	0	0	-	0I	0I
Physicists	2	2	2	-	2I	2I	0	0	0	-	0I	0I
Physical Scientists, n e c	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1	1	1	-	1I	1I	0	0	0	-	0I	0I
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	1	1	1	-	1I	1I	0	0	0	-	0I	0I
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	8	8	8	-	8I	8I	0	0	0	-	0I	0I
Mathematicians	6	6	6	-	6I	6I	0	0	0	-	0I	0I
Computer Scientists	2	2	2	-	2I	2I	0	0	0	-	0I	0I
LIFE SCIENTISTS	10	10	9	-	9I	9I	0	0	0	-	0I	0I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	10	10	9	-	9I	9I	0	0	0	-	0I	0I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENTISTS	17	17	17	-	17I	18I	0	0	0	-	0I	0I
Economists	0	0	0	-	0	0	0	0	0	-	0	0
Political Scientists	2	2	2	-	2I	2I	0	0	0	-	0I	0I
Sociologists	3	3	3	-	3I	3I	0	0	0	-	0I	0I
Social Scientists, n e c	12	12	12	-	12I	13I	0	0	0	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	28	28	27	-	27I	27I	0	0	0	-	0I	0I
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	14	14	14	-	14I	15I	0	0	0	-	0I	0I
BACHELOR'S (or equivalent)	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	36	35	-	35I	36I	6	6	-	6I	6I
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	6	6	-	6I	6I		0	-	0I	0I
Environmental Scientists	1	1	-	1I	1I	0	0	-	0I	0I
Mathematical & Computer Scientists	7	7	-	7I	7I	1	1	-	1I	1I
Life Scientists	8	7	-	7I	7I	2	2	-	2I	2I
Psychologists	0	0	-	0	0	0	0	-	0	0
Social Scientists	14	14	-	14I	15I	3	3	-	3I	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	832	1,894	1,738	1,166	1,136	3,026	410	1,296	70	0	1,226
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	1,088	0	0	1,088
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	815	1,852	1,565	1,149	1,129	3,009	410	138	0	0	138
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	815	1,852	1,541	1,125	1,105	2,915	272	0	0	0	0
Other HHS	0	0	24	24	24	94	138	138	0	0	138
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	70	70	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	7	7	7	7	4	0	0	0	0	0
National Science Foundation	17	35	166	10	0	13	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	832	1,894	1,738	1,166	1,136	3,026	410	1,296
Research and Development	0	35	0	0	0	0	0	70
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	13	0	0
Fellowships & Training Grants	47	48	7	7	7	4	0	0
General Support for Science	1	0	0	10	0	0	0	0
Other Science	16	0	166	0	0	0	0	0
Non-Science	768	1,811	1,565	1,149	1,129	3,009	410	1,226

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	34	36	38	-	35	26	4	2	3	-	8	15
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	3	2	3	-	4	3	1	1	1	-	0	1
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	2	3	-	4	3	0	0	1	-	0	0
Physicists	0	0	0	-	0	0	1	1	0	-	0	1
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	6	6	-	7	7	1	0	1	-	3	2
Mathematicians	6	6	6	-	7	7	1	0	1	-	3	2
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	7	9	9	-	7	4	0	0	0	-	1	4
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	7	8	8	-	7	4	0	0	0	-	1	4
Medical Scientists	0	1	1	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	6	5	5	-	5	5	1	1	1	-	2	2
SOCIAL SCIENTISTS	12	14	15	-	12	7	1	0	0	-	2	6
Economists	2	3	4	-	4	2	1	0	0	-	0	1
Political Scientists	3	4	4	-	4	2	0	0	0	-	0	1
Sociologists	7	7	7	-	4	3	0	0	0	-	2	4
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED OEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	22	21	25	-	20	19	1	2	3	-	6	7
FIRST PROFESSIONAL .....	0	0	0	-	1	0	1	0	0	-	0	1
MASTER'S .....	11	15	13	-	14	7	2	0	0	-	2	7
BACHELOR'S (or equivalent) .....	1	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	17	16	-	13	9	19	22	-	22	17
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	1	1	-	1	1	1	2	-	3	2
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists .....	3	3	-	2	3	3	3	-	5	4
Life Scientists .....	4	3	-	3	1	5	6	-	4	3
Psychologists .....	3	2	-	2	2	2	3	-	3	3
Social Scientists .....	6	7	-	5	2	8	8	-	7	5

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	137	177	85	-	160	184I	137	92	85	-	159	179I
ENGINEERING	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	0	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	26	32	11	-	142	164I	26	31	11	-	141	159I
Astronomy	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry	26	32	0	-	0	0	26	31	0	-	0	0
Physics	0	0	11	-	0	0	0	0	11	-	0	0
Physical Sci., n.e.c.	0	0	0	-	142	164I	0	0	0	-	141	159I
ENVIRONMENTAL SCIENCES	0	0	16	-	8	9I	0	0	16	-	8	9I
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	5I	-	-	-	-	-	5I
Oceanographic Sci.	-	-	-	-	-	11	-	-	-	-	-	11
Env't'l Sci., n.e.c.	-	-	-	-	-	3I	-	-	-	-	-	3I
MATH. & COMPUTER SCI.	0	0	20	-	5	5I	0	0	20	-	5	5I
Mathematics	0	0	20	-	5	5I	0	0	20	-	5	5I
Computer Science	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENCES	76	77	38	-	5	6I	76	61	38	-	5	6I
Agricultural Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Biological Sciences	76	62	38	-	5	6I	76	61	38	-	5	6I
Medical Sciences	0	15	0	-	0	0	0	0	0	-	0	0
Life Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY	14	68	0	-	0	0	14	0	0	-	0	0
SOCIAL SCIENCES	21	0	0	-	0	0	21	0	0	-	0	0
Economics	0	0	0	-	0	0	0	0	0	-	0	0
Political Science	0	0	0	-	0	0	0	0	0	-	0	0
Sociology	0	0	0	-	0	0	0	0	0	-	0	0
Social Sci., n.e.c.	21	0	0	-	0	0	21	0	0	-	0	0
OTHER SCIENCES, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY. 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	137	177	85	-	160	1841
Federal Government	137	92	85	-	159	1791
State and Local Government	0	82	0	-	0	0
Industry	0	0	0	-	0	0
Institutional Funds	0	3	0	-	1	51
All Other Outside Sources	0	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	31	17	10	-	0	01	13	5	9	-	0	01
Engineering	0	0	0	-	0	0	0	0	0	-	0	0
Physical Sciences	13	11	1	-	0	0	3	2	0	-	0	0
Environmental Sciences	0	0	4	-	0	0	0	0	4	-	0	0
Math. & Computer Sci.	3	0	0	-	0	0	0	0	0	-	0	0
Life Sciences	12	4	5	-	0	0	0	0	0	-	0	0
Psychology	2	1	0	-	0	0	10	3	5	-	0	0
Social Sciences	1	1	0	-	0	0	0	0	0	-	0	0
Other Sciences, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,376	1,217	1,550	2,244	4,717	4,703	1,242	3,278	58	459	2,761
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	2,655	0	0	2,655
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,365	1,208	1,466	2,080	4,623	4,635	1,029	520	33	381	106
National Institutes of Health	85	62	64	52	129	154	177	414	33	381	0
AOAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,280	1,124	1,198	1,940	4,423	4,427	642	0	0	0	0
Other HHS	0	22	204	88	71	55	210	106	0	0	106
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	13	0	0	0	0	0	0	0	0
NASA	0	0	26	31	42	10	0	0	0	0	0
National Science Foundation	11	9	45	133	52	57	213	103	25	78	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,376	1,217	1,550	2,244	4,717	4,703	1,242	3,278
Research and Development	0	0	90	31	73	65	80	58
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	15	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	111	0
General Support for Science	80	62	64	185	150	118	199	415
Other Science	11	9	45	0	0	38	0	44
Non-Science	1,270	1,146	1,351	2,028	4,494	4,482	852	2,761

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS					LARGEST FY 1980 SOURCES					
	1973	1974	1975	1976	1977	1973	1979	1980	HHS	NSF	
TOTAL			90	31	73	65	80	58	33	25	0
ENGINEERING			0	0	0	0	0	0	0	0	0
Aeronautical			0	0	0	0	0	0	0	0	0
Astronautical			0	0	0	0	0	0	0	0	0
Chemical			0	0	0	0	0	0	0	0	0
Civil			0	0	0	0	0	0	0	0	0
Electrical			0	0	0	0	0	0	0	0	0
Mechanical			0	0	0	0	0	0	0	0	0
Metallurgy and Materials Engineering, n.e.c.			0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES			0	0	0	55	36	33	33	0	0
Astronomy			0	0	0	0	0	0	0	0	0
Chemistry			0	0	0	55	36	33	33	0	0
Physics			0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.			0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES			0	0	19	0	0	0	0	0	0
Atmospheric Sciences			0	0	0	0	0	0	0	0	0
Geological Sciences			0	0	19	0	0	0	0	0	0
Oceanography			0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.			0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES			0	0	19	0	0	25	0	25	0
LIFE SCIENCES			51	0	12	0	44	0	0	0	0
Biological Sciences			0	0	12	0	23	0	0	0	0
Medical Sciences			0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.			51	0	0	0	21	0	0	0	0
PSYCHOLOGY			0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES			13	0	0	0	0	0	0	0	0
Economics			0	0	0	0	0	0	0	0	0
Political Science			0	0	0	0	0	0	0	0	0
Sociology			13	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.			0	0	0	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.			26	31	23	10	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	9	11	-	10	7	0	0	0	0	4
Men	-	-	-	7	3	-	-	-	0	1
Women	-	-	-	3	4	-	-	-	0	3
First Year	-	-	-	5	3	-	-	-	-	-
Beyond First Year	-	-	-	5	4	-	-	-	-	-
U.S. Citizens	-	-	-	10	7	-	-	0	-	-
Foreign	-	-	-	0	0	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	0	0	-	0	0	0	0	0	0	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	3	3	-	4	0	0	0	0	0	0
Life Sciences	4	5	-	3	5	0	0	0	0	4
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	2	3	-	3	2	0	0	0	0	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	53	59	-	36	43
Engineering	0	0	-	0	0
Physical Sciences	0	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	16	17	-	12	14
Life Sciences	20	24	-	17	21
Psychology	0	0	-	0	0
Social Sciences	17	18	-	7	8

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

INSTITUTIONAL PROFILE: 001894 CHICAGO STATE UNIVERSITY

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	0	3
Federal Support	-	-	-	0	3
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	0	1
Federal Support	-	-	-	0	1
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	10	3
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	10	3

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## SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	84	83	78	-	80	78	39	16	16	-	36	38
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	14	11	13	-	13	12	2	0	0	-	0	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	8	7	8	-	9	9	1	0	0	-	0	0
Physicists	5	4	5	-	4	3	1	0	0	-	0	0
Physical Scientists, n.e.c.	1	0	0	-	0	0	0	0	0	-	0	0
201 ENVIRONMENTAL SCIENTISTS	0	1	1	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	1	1	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	14	17	19	-	18	20	14	2	0	-	16	13
Mathematicians	14	16	18	-	17	16	14	2	0	-	10	12
Computer Scientists	0	1	1	-	1	4	0	0	0	-	6	1
LIFE SCIENTISTS	11	13	13	-	16	15	2	0	0	-	1	1
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	11	13	13	-	16	15	2	0	0	-	1	1
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	22	20	20	-	20	18	14	2	0	-	3	9
SOCIAL SCIENTISTS	23	21	12	-	13	13	7	12	16	-	16	15
Economists	6	4	4	-	4	4	3	3	0	-	6	2
Political Scientists	4	3	3	-	3	3	1	2	4	-	4	5
Sociologists	3	3	3	-	4	4	1	5	12	-	4	3
Social Scientists, n.e.c.	10	11	2	-	2	2	2	2	0	-	2	5

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	74	64	55	-	62	60	7	0	5	-	6	9
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	10	18	23	-	18	18	32	16	11	-	27	27
BACHELOR'S (or equivalent)	0	1	0	-	0	0	0	0	0	-	3	2

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	69	61	-	55	56	14	17	-	25	22
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	9	9	-	9	9	2	4	-	4	3
Environmental Scientists	1	1	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	14	16	-	13	15	3	3	-	5	5
Life Scientists	10	9	-	9	9	3	4	-	7	6
Psychologists	15	14	-	12	12	5	6	-	8	6
Social Scientists	20	12	-	12	11	1	0	-	1	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*           INSTITUTIONAL PROFILE           *
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*
*           001968                          *
*
*           KENTUCKY STATE UNIVERSITY        *
*
*   Public                               Bachelor's-Granting *
*
*           CARNEGIE COUNCIL CATEGORY:  2:2  *
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Data for this institutional profile are based on the following survey data systems:

- NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges
- NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions
- NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D.C. 20550  
 (202) 634-4673

Prepared by:

Moshman Associates, Inc.  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3000

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SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	540	654	772	-	355	398I	540	654	772	-	355	398I
ENGINEERING	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	81	66	78E	-	0	0	81	66	78E	-	0	0
Astronomy	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry	81	66	78E	-	0	0	81	66	78E	-	0	0
Physics	0	0	0	-	0	0	0	0	0	-	0	0
Physical Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENCES	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	3	18	21E	-	0	0	3	18	21E	-	0	0
Mathematics	3	0	0	-	0	0	3	0	0	-	0	0
Computer Science	0	18	21E	-	0	0	0	18	21E	-	0	0
LIFE SCIENCES	153	78	92E	-	185	207I	153	78	92E	-	185	207I
Agricultural Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Biological Sciences	91	78	58E	-	185	207I	91	78	58E	-	185	207I
Medical Sciences	62	0	34	-	0	0	62	0	34	-	0	0
Life Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY	105E	57	67E	-	70	79I	105E	57	67E	-	70	79I
SOCIAL SCIENCES	198E	139	164E	-	100	112I	198E	139	164E	-	100	112I
Economics	56E	61	72E	-	0	0	56E	61	72E	-	0	0
Political Science	0	0	0	-	0	0	0	0	0	-	0	0
Sociology	142E	78	92E	-	100	112I	142E	78	92E	-	100	112I
Social Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
OTHER SCIENCES, n.e.c.	0	296	350E	-	0	0	0	296	350E	-	0	0

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	540	654	772	-	355	398I
Federal Government	540	654	772	-	355	398I
State and Local Government	0	0	0	-	0	0
Industry	0	0	0	-	0	0
Institutional Funds	0	0	0	-	0	0
All Other Outside Sources	0	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	10	10I	10I	-	40	40I	5E	4I	4I	-	37	37I
Engineering	0	4I	4I	-	0	0	0	4I	4I	-	0	0
Physical Sciences	3	0I	0I	-	37	37I	2E	0I	0I	-	37	37I
Environmental Sciences	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Math. & Computer Sci.	3	0I	0I	-	3	3I	0	0I	0I	-	0	0
Life Sciences	4	3I	3I	-	0	0	3E	0I	0I	-	0	0
Psychology	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Social Sciences	0	2I	2I	-	0	0	0	0I	0I	-	0	0
Other Sciences, n.e.c.	0	1I	1I	-	0	0	0	0I	0I	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

INSTITUTIONAL PROFILE: 001968 KENTUCKY STATE UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,016	3,476	2,567	1,915	3,768	4,542	3,178	4,164	1,510	1,001	1,653
Department of Agriculture	1,145	1,145	1,023	1,138	1,504	1,842	1,835	1,974	1,214	760	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	1,539	0	0	1,539
Department of Energy	0	0	0	0	0	0	0	50	50	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	865	2,247	1,523	736	2,224	2,460	1,102	221	0	107	114
National Institutes of Health	13	95	0	49	53	19	145	107	0	107	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	852	2,141	1,514	678	2,162	2,344	843	0	0	0	0
Other HHS	0	11	9	9	9	97	114	114	0	0	114
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	200	200	200	200	0	0
NASA	0	59	21	41	40	40	41	46	46	0	0
National Science Foundation	6	25	0	0	0	200	0	134	0	134	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,016	3,476	2,567	1,915	3,768	4,542	3,178	4,164
Research and Development	736	810	822	903	946	1,210	1,343	1,510
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	1	0	1	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	6	105	0	49	53	219	145	241
Other Science	409	409	222	276	598	672	733	760
Non-Science	864	2,152	1,522	687	2,171	2,441	957	1,653

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



INSTITUTIONAL PROFILE: 001968 KENTUCKY STATE UNIVERSITY

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	LABR	DOE
TOTAL	736	810	822	903	946	1,210	1,343	1,510	1,214	200	50
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	37	0	0	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	37	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	354	692	21	903	448	785	890	981	935	0	0
Biological Sciences	354	0	0	862	408	745	849	935	935	0	0
Medical Sciences	0	655	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	37	21	41	40	40	41	46	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	382	81	801	0	498	425	453	529	279	200	50
Economics	51	0	0	0	0	200	453	479	279	200	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	331	0	0	0	0	225	0	50	0	0	50
Social Sciences, n.e.c.	0	81	801	0	498	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	39	42	42I	-	25	26I	2	0	0I	-	0	0I
ENGINEERS .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c. ....	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS .....	6	6	6I	-	5	5I	0	0	0I	-	0	0I
Astronomers .....	-	-	0	-	0	0	-	-	0	-	0	0I
Chemists .....	5	5	5I	-	4	4I	0	0	0I	-	0	0I
Physicists .....	1	1	1I	-	1	1I	0	0	0I	-	0	0I
Physical Scientists, n.e.c. ....	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c. ....	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS .....	8	10	10I	-	1	1I	2	0	0I	-	0	0I
Mathematicians .....	5	7	7I	-	0	0	2	0	0I	-	0	0
Computer Scientists .....	3	3	3I	-	1	1I	0	0	0I	-	0	0I
LIFE SCIENTISTS .....	9	10	10I	-	9	9I	0	0	0I	-	0	0I
Agricultural Scientists .....	0	1	1I	-	0	0	0	0	0I	-	0	0
Biological Scientists .....	9	9	9I	-	9	9I	0	0	0I	-	0	0
Medical Scientists .....	0	0	0I	-	0	0	0	0	0I	-	0	0I
Life Scientists, n.e.c. ....	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS .....	0	0	0I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENTISTS .....	16	16	16I	-	10	11I	0	0	0I	-	0	0I
Economists .....	4	4	4I	-	5	6I	0	0	0I	-	0	0I
Political Scientists .....	2	3	3I	-	0	0	0	0	0I	-	0	0I
Sociologists .....	10	5	5I	-	4	4I	0	0	0I	-	0	0
Social Scientists, n.e.c. ....	0	4	4I	-	1	1I	0	0	0I	-	0	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	21	22	22I	-	6	7I	1	0	0I	-	0	0I
FIRST PROFESSIONAL .....	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S .....	18	20	20I	-	19	19I	1	0	0I	-	0	0I
BACHELOR'S (or equivalent) .....	0	0	0I	-	0	0	0	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	33	33I	-	21	22I	9	9I	-	4	4I
Engineers .....	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists .....	5	5I	-	4	4I	1	1I	-	1	1I
Environmental Scientists .....	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists ..	8	8I	-	1	1I	2	2I	-	0	0I
Life Scientists .....	8	8I	-	7	7I	2	2I	-	2	2I
Psychologists .....	0	0I	-	0	0	0	0I	-	0	0
Social Scientists .....	12	12I	-	9	10I	4	4I	-	1	1I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	811	1,294	1,269	1,536	1,703	2,168	1,069	2,168	0	187	1,999
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,819	0	0	1,819
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	791	1,292	1,023	1,517	1,703	2,168	1,069	347	0	167	180
National Institutes of Health	106	63	53	45	141	108	150	167	0	167	0
ADAMHA	0	106	98	97	86	83	0	99	0	0	99
Office of Education	685	1,108	868	1,350	1,441	1,872	802	0	0	0	0
Other HHS	0	15	4	25	35	105	117	81	0	0	81
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	20	0	24	0	0	0	0	0	0	0	0
National Science Foundation	0	2	222	19	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	811	1,294	1,269	1,536	1,703	2,168	1,069	2,168
Research and Development	20	0	24	19	0	0	0	0
R&O Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	106	0	0	0	0	0	0
General Support for Science	91	65	53	45	141	108	150	187
Other Science	0	0	222	0	0	0	0	0
Non-Science	700	1,123	970	1,472	1,562	2,060	919	1,999

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	30	30	29		29	18	2	3	5		6	3
ENGINEERS	0	0	0		0	0	0	0	0		0	0
Aeronautical & Astronautical Engineers	0	0	0		0	0	0	0	0		0	0
Chemical Engineers	0	0	0		0	0	0	0	0		0	0
Civil Engineers	0	0	0		0	0	0	0	0		0	0
Electrical Engineers	0	0	0		0	0	0	0	0		0	0
Mechanical Engineers	0	0	0		0	0	0	0	0		0	0
Engineers, n.e.c.	0	0	0		0	0	0	0	0		0	0
PHYSICAL SCIENTISTS	6	5	4		4	5	0	0	0		0	0
Astronomers			0		0	0	0	0	0		0	0
Chemists	3	3	3		3	3	0	0	0		0	0
Physicists	3	2	1		1	2	0	0	0		0	0
Physical Scientists, n.e.c.	0	0	0		0	0	0	0	0		0	0
ENVIRONMENTAL SCIENTISTS	0	0	0		0	1	0	0	1		2	0
Atmospheric Scientists	0	0	0		0	0	0	0	0		0	0
Earth Scientists	0	0	0		0	1	0	0	0		0	0
Oceanographers	0	0	0		0	0	0	0	0		0	0
Environmental Scientists, n.e.c.			0		0	0			0		0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3	5	6		6	3	0	1	2		2	3
Mathematicians	3	5	6		6	3	0	1	2		2	2
Computer Scientists	0	0	0		0	0	0	0	0		0	1
LIFE SCIENTISTS	8	8	8		8	9	0	1	1		1	0
Agricultural Scientists	0	0	0		0	0	0	0	0		0	0
Biological Scientists	8	8	8		8	8	0	0	0		0	0
Medical Scientists	0	0	0		0	1	0	0	0		0	0
Life Scientists, n.e.c.			0		0	0			0		0	0
PSYCHOLOGISTS	2	3	2		2	0	0	0	0		0	0
SOCIAL SCIENTISTS	11	9	9		9	0	2	1	1		1	0
Economists	1	2	0		0	0	2	0	0		1	0
Political Scientists	1	3	3		3	0	0	0	0		0	0
Sociologists	4	3	6		6	0	0	1	1		1	0
Social Scientists, n.e.c.	5	1	0		0	0	0	0	0		0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	14	21	20	-	20	8	2	2	3	-	3	1
FIRST PROFESSIONAL .....	16	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	0	9	9	-	9	10	0	1	2	-	3	2
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	20	19	-	19	9	10	10	-	10	9
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	5	4	-	4	5	0	0	-	0	0
Environmental Scientists .....	0	0	-	0	1	0	0	-	0	0
Mathematical & Computer Scientists .....	2	4	-	4	0	3	2	-	2	3
Life Scientists .....	5	4	-	4	3	3	4	-	4	6
Psychologists .....	1	1	-	1	0	2	1	-	1	0
Social Scientists .....	7	6	-	6	0	2	3	-	3	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	229	153I	165I	-	207I	137	195	129I	137I	-	185I	137
ENGINEERING	0	11I	12I	-	16I	0	0	10I	11I	-	15I	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	66	20I	21I	-	25I	63	66	16I	16I	-	22I	63
Astronomy	0	0I	0I	-	0	50	0	0I	0I	-	0	50
Chemistry	31	12I	13I	-	15I	13	31	9I	9I	-	12I	13
Physics	35	6I	6I	-	7I	0	35	5I	5I	-	7I	0
Physical Sci., n.e.c.	0	2I	2I	-	3I	0	0	2I	2I	-	3I	0
ENVIRONMENTAL SCIENCES	5	4I	4I	-	4I	0	0	2I	2I	-	2I	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	21	6I	6I	-	8I	0	21	5I	5I	-	7I	0
Mathematics	21	2I	2I	-	3I	0	21	2I	2I	-	3I	0
Computer Science	0	4I	4I	-	5I	0	0	3I	3I	-	4I	0
LIFE SCIENCES	29E	60I	66I	-	83I	74	0	51I	55I	-	75I	74
Agricultural Sciences	0	17I	18I	-	24I	74	0	17I	18I	-	24I	74
Biological Sciences	29E	26I	29I	-	36I	0	0	22I	24I	-	33I	0
Medical Sciences	0	14I	16I	-	19I	0	0	10I	11I	-	15I	0
Life Sci., n.e.c.	0	3I	3I	-	4I	0	0	2I	2I	-	3I	0
PSYCHOLOGY	0	10I	11I	-	14I	0	0	9I	10I	-	13I	0
SOCIAL SCIENCES	78	31I	33I	-	41I	0	78	25I	26I	-	35I	0
Economics	6	2I	2I	-	3I	0	6	2I	2I	-	3I	0
Political Science	10	2I	2I	-	2I	0	10	1I	1I	-	1I	0
Sociology	10	24I	26I	-	33I	0	10	20I	21I	-	29I	0
Social Sci., n.e.c.	52	3I	3I	-	3I	0	52	2I	2I	-	2I	0
OTHER SCIENCES, n.e.c.	30	11I	12I	-	16I	0	30	11I	12I	-	16I	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges..

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	229	153I	185I	-	207I	137
Federal Government	195	129I	137I	-	185I	137
State and Local Government	5	5I	6I	-	4I	0
Industry	0	1I	1I	-	1I	0
Institutional Funds	29	12I	14I	-	11I	0
All Other Outside Sources	0	6I	7I	-	6I	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	23	23I	23I	-	20I	20I	7	9I	9I	-	8	8I
Engineering	0	8I	8I	-	7I	7I	0	8I	8I	-	7I	7I
Physical Sciences	7	0I	0I	-	0	0	3	0I	0I	-	0	0
Environmental Sciences	2	0I	0I	-	0	0	0	0I	0I	-	0	0
Math. & Computer Sci.	3	0I	0I	-	0	0	0	0I	0I	-	0	0
Life Sciences	0	7I	7I	-	6I	6I	0	0I	0I	-	0	0
Psychology	3	1I	1I	-	1I	1I	0	1I	1I	-	0I	0I
Social Sciences	4	6I	6I	-	5I	5I	2	0I	0I	-	0I	0I
Other Sciences, n.e.c.	4	1I	1I	-	1I	1I	2	0I	0I	-	0I	0I

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

INSTITUTIONAL PROFILE: 002006 GRAMBLING STATE UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,128	2,551	2,010	4,313	6,901	4,503	1,392	3,055	34	132	2,889
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	53	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	19	0	26	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,915	2,457	1,956	4,229	6,840	4,229	1,340	133	0	72	61
National Institutes of Health	56	89	95	98	93	93	81	72	0	72	61
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,859	2,368	1,861	4,131	6,747	4,136	1,197	62	0	0	0
Other HHS	0	0	0	0	0	0	0	61	0	0	61
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	59	54	54	58	0	0	0	34	34	0	0
National Science Foundation	101	21	0	0	61	274	52	60	0	60	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,128	2,551	2,010	4,313	6,901	4,503	1,392	3,055
Research and Development	98	89	54	84	8	0	0	34
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	3	0	0	0	0	0	0	0
Fellowships & Training Grants	53	42	0	0	0	0	12	0
General Support for Science	62	94	95	98	130	348	81	72
Other Science	56	0	0	0	16	19	52	60
Non-Science	1,856	2,326	1,861	4,131	6,747	4,136	1,247	2,889

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 002006 GRAMBLING STATE UNIVERSITY

FEDERAL RAO OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&O OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA		
TOTAL	98	89	54	84	8	-	-	34	34	0	0
ENGINEERING	22	0	0	9	0	-	-	0	0	0	0
Aeronautical	0	0	0	0	0	-	-	0	0	0	0
Astronautical	0	0	0	0	0	-	-	0	0	0	0
Chemical	22	0	0	9	0	-	-	0	0	0	0
Civil	0	0	0	0	0	-	-	0	0	0	0
Electrical	0	0	0	0	0	-	-	0	0	0	0
Mechanical	0	0	0	0	0	-	-	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	-	-	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	-	-	0	0	0	0
PHYSICAL SCIENCES	37	30	54	49	8	-	-	34	34	0	0
Astronomy	0	0	0	0	0	-	-	0	0	0	0
Chemistry	0	0	0	0	0	-	-	0	0	0	0
Physics	37	30	54	49	8	-	-	34	34	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	-	-	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	-	-	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	-	-	0	0	0	0
Geological Sciences	0	0	0	0	0	-	-	0	0	0	0
Oceanography	0	0	0	0	0	-	-	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	-	-	0	0	0	0
MATH. AND COMPUTER SCIENCES	11	0	0	0	0	-	-	0	0	0	0
LIFE SCIENCES	28	59	0	26	0	-	-	0	0	0	0
Biological Sciences	28	59	0	26	0	-	-	0	0	0	0
Medical Sciences	0	0	0	0	0	-	-	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	-	-	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	-	-	0	0	0	0
SOCIAL SCIENCES	0	0	0	0	0	-	-	0	0	0	0
Economics	0	0	0	0	0	-	-	0	0	0	0
Political Science	0	0	0	0	0	-	-	0	0	0	0
Sociology	0	0	0	0	0	-	-	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	-	-	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	-	-	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL .....	48	31	-	6	7	0	0	0	0	0
Men .....	-	-	-	2	2	-	-	-	0	0
Women .....	-	-	-	4	5	-	-	-	0	0
First Year .....	-	-	-	3	0	-	-	-	-	-
Beyond First Year .....	-	-	-	3	7	-	-	-	-	-
U.S. Citizens .....	-	-	-	6	7	-	-	0	-	-
Foreign .....	-	-	-	0	0	-	-	0	-	-
Engineering .....	0	0	-	0	0	0	0	0	0	0
Physical Sciences .....	0	0	-	0	0	0	0	0	0	0
Environmental Sciences .....	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences .....	0	0	-	0	0	0	0	0	0	0
Life Sciences .....	15	11	-	1	3	0	0	0	0	0
Psychology .....	0	0	-	0	0	0	0	0	0	0
Social Sciences .....	33	20	-	5	4	0	0	0	0	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL .....	15	15	-	11	11
Engineering .....	0	0	-	0	0
Physical Sciences .....	0	0	-	0	0
Environmental Sciences .....	0	0	-	0	0
Math. & Computer Sciences .....	0	0	-	0	0
Life Sciences .....	6	6	-	7	5
Psychology .....	0	0	-	0	0
Social Sciences .....	9	9	-	4	6

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates

INSTITUTIONAL PROFILE: 002008 GRAMBLING STATE UNIVERSITY

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
<b>FELLOWSHIPS &amp; TRAINEESHIPS</b>					
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>RESEARCH ASSISTANTSHIPS</b>					
Federal Support	-	-	-	1	2
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	1	2
Self-Support	-	-	-	0	0
<b>TEACHING ASSISTANTSHIPS</b>					
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>OTHER TYPES OF SUPPORT</b>					
Federal Support	-	-	-	5	5
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	68	76	70	-	64	64	7	5	4	-	9	9
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	12	11	12	-	10	10	0	1	0	-	2	2
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	5	5	5	-	5	5	0	0	0	-	1	1
Physicists	7	6	7	-	5	5	0	0	0	-	1	1
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	3	3	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	2	2	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	1	1	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	16	14	14	-	17	17	0	1	0	-	0	0
Mathematicians	14	12	11	-	15	15	0	1	0	-	0	0
Computer Scientists	2	2	3	-	2	2	0	0	0	-	0	0
LIFE SCIENTISTS	15	18	17	-	12	12	0	1	0	-	2	2
Agricultural Scientists	2	2	2	-	0	0	0	0	0	-	0	0
Biological Scientists	13	16	15	-	12	12	0	1	0	-	2	2
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2	3	2	-	0	0	7	0	0	-	0	0
SOCIAL SCIENTISTS	23	30	25	-	22	22	0	2	4	-	5	5
Economists	5	5	5	-	5	5	0	0	0	-	0	0
Political Scientists	6	7	7	-	4	4	0	0	0	-	0	0
Sociologists	12	15	10	-	10	10	0	2	2	-	3	3
Social Scientists, n.e.c.	0	3	3	-	3	3	0	0	2	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	37	46	39	-	39	39I	5	0	1	-	3	3I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	31	30	31	-	25	25I	2	4	3	-	5	5I
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0I	0	1	0	-	1	1I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	62	54	-	51	51I	14	16	-	13	13I
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	9	10	-	8	8I	2	2	-	2	2I
Environmental Scientists .....	0	0	-	3	3I	0	0	-	0	0I
Mathematical & Computer Scientists ..	13	12	-	15	15I	1	2	-	2	2I
Life Scientists .....	13	13	-	9	9I	5	4	-	3	3I
Psychologists .....	3	1	-	0	0	0	1	-	0	0
Social Scientists .....	24	18	-	16	16I	6	7	-	6	6I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	657I	883	1,257	-	964	1,875	657I	883	1,257	-	964	1,875
ENGINEERING	21I	96	112	-	56	109	21I	96	112	-	56	109
Aero/Astronautical	-	-	-	-	-	42	-	-	-	-	-	42
Chemical	-	-	-	-	-	25	-	-	-	-	-	25
Civil	-	-	-	-	-	21	-	-	-	-	-	21
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	21	-	-	-	-	-	21
PHYSICAL SCIENCES	69I	52	61	-	0	0	69I	52	61	-	0	0
Astronomy	2I	0	0	-	0	0	2I	0	0	-	0	0
Chemistry	42I	35	43	-	0	0	42I	35	43	-	0	0
Physics	21I	17	18	-	0	0	21I	17	18	-	0	0
Physical Sci., n.e.c.	4I	0	0	-	0	0	4I	0	0	-	0	0
ENVIRONMENTAL SCIENCES	86I	0	0	-	13	39	86I	0	0	-	13	39
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	23I	-	-	-	-	-	23I
Oceanographic Sci.	-	-	-	-	-	5I	-	-	-	-	-	5I
Env't'l Sci., n.e.c.	-	-	-	-	-	11I	-	-	-	-	-	11I
MATH. & COMPUTER SCI.	14I	10	0	-	0	0	14I	10	0	-	0	0
Mathematics	9I	0	0	-	0	0	9I	0	0	-	0	0
Computer Science	5I	10	0	-	0	0	5I	10	0	-	0	0
LIFE SCIENCES	267I	338	936	-	895	1,721	267I	338	936	-	895	1,721
Agricultural Sciences	124I	189	732	-	726	1,432	124I	189	732	-	726	1,432
Biological Sciences	114I	149	204	-	169	0	114I	149	204	-	169	0
Medical Sciences	16I	0	0	-	0	289	16I	0	0	-	0	289
Life Sci., n.e.c.	13I	0	0	-	0	0	13I	0	0	-	0	0
PSYCHOLOGY	40I	0	0	-	0	6	40I	0	0	-	0	6
SOCIAL SCIENCES	106I	57	101	-	0	0	106I	57	101	-	0	0
Economics	20I	0	101	-	0	0	20I	0	101	-	0	0
Political Science	5I	0	0	-	0	0	5I	0	0	-	0	0
Sociology	21I	5	0	-	0	0	21I	5	0	-	0	0
Social Sci., n.e.c.	60I	52	0	-	0	0	60I	52	0	-	0	0
OTHER SCIENCES, n.e.c.	54I	330	47	-	0	0	54I	330	47	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	6571	883	1,257	-	964	1,875
Federal Government	6571	883	1,257	-	964	1,875
State and Local Government	01	0	0	-	0	0
Industry	01	0	0	-	0	0
Institutional Funds	01	0	0	-	0	0
All Other Outside Sources	01	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,0331	84	143	-	0	1,875	571	84	143	-	0	1,875
Engineering	921	2	4	-	0	109	11	2	4	-	0	109
Physical Sciences	1591	17	25	-	0	0	61	17	25	-	0	0
Environmental Sciences	1621	0	0	-	0	39	31	0	0	-	0	39
Math. & Computer Sci.	721	0	0	-	0	1,721	181	0	0	-	0	1,721
Life Sciences	3341	60	109	-	0	6	171	60	109	-	0	6
Psychology	221	0	0	-	0	0	21	0	0	-	0	0
Social Sciences	311	0	0	-	0	0	11	0	0	-	0	0
Other Sciences, n.e.c.	1611	5	5	-	0	0	91	5	5	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	5,796	5,811	6,208	12,627	13,527	13,494	7,512	9,981	1,305	1,111	7,565
Department of Agriculture	826	834	751	816	1,037	1,116	1,229	1,332	833	472	27
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	58	31	38	0	0	36	30	52	52	0	0
Department of Education	0	0	0	0	0	0	0	7,326	0	0	7,326
Department of Energy	62	24	20	0	0	0	0	0	0	0	0
Environmental Protection Agency	40	0	0	49	64	13	13	16	16	0	0
Dept. of Health & Human Services	4,408	4,760	5,043	11,288	12,100	11,583	4,994	755	23	520	212
National Institutes of Health	235	323	261	175	354	265	215	520	0	520	0
ADAMHA	272	228	206	94	120	101	101	148	0	0	148
Office of Education	3,876	4,074	3,979	10,961	11,552	11,112	4,629	0	0	0	0
Other HHS	25	135	597	58	74	105	49	87	23	0	64
Dept. of Housing & Urban Dev.	0	0	150	148	173	460	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	167	635	125	125	0	0
Department of Labor	0	0	0	0	0	0	200	200	200	0	0
NASA	50	58	103	120	95	119	25	111	56	55	0
National Science Foundation	352	104	44	147	58	0	316	64	0	64	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	59	59	0	0	70	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	5,796	5,811	6,208	12,627	13,527	13,494	7,512	9,981
Research and Development	1,050	670	1,520	1,001	1,019	1,519	1,787	1,305
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	41	3	10	0	0	0	0	0
Fellowships & Training Grants	309	282	14	72	74	74	7	22
General Support for Science	243	331	261	307	354	265	492	520
Other Science	318	317	161	192	408	423	496	569
Non-Science	3,835	4,208	4,242	11,055	11,672	11,213	4,730	7,565

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 002025 SOUTHERN UNIVERSITY & A&M COL. ALL CAMPUSES

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	LABR	AID
TOTAL	1,050	670	1,520	1,001	1,019	1,519	1,787	1,305	833	200	125
ENGINEERING	76	20	124	123	72	87	100	28	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	55	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	70	0	0	0	0
Electrical	0	0	22	20	27	25	0	0	0	0	0
Mechanical	0	20	23	44	25	26	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	20	36	30	28	0	0	0
Engineering, n.e.c.	21	0	79	59	0	0	0	0	0	0	0
PHYSICAL SCIENCES	151	112	59	65	42	18	0	55	0	0	0
Astronomy	15	20	20	16	18	18	0	0	0	0	0
Chemistry	33	0	0	49	24	0	0	24	0	0	0
Physics	103	73	39	0	0	0	0	31	0	0	0
Physical Sciences, n.e.c.	0	19	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	25	25	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	25	25	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	11	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	274	426	417	342	711	572	1,242	791	625	0	125
Biological Sciences	274	426	393	301	674	547	13	83	67	0	0
Medical Sciences	0	0	0	0	0	0	1,229	708	558	0	125
Life Sciences, n.e.c.	0	0	24	41	37	25	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	167	0	0	0	0	0
SOCIAL SCIENCES	538	111	769	471	194	650	420	431	208	200	0
Economics	181	0	12	0	0	0	200	350	150	200	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	93	0	0	148	173	619	178	58	58	0	0
Social Sciences, n.e.c.	264	111	757	323	21	31	42	23	0	0	0
OTHER SCIENCES, n.e.c.	0	1	151	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	29	33	-	37	44	0	0	0	10	10
Men	-	-	-	27	25	-	-	-	5	6
Women	-	-	-	10	19	-	-	-	5	4
First Year	-	-	-	12	20	-	-	-	-	-
Beyond First Year	-	-	-	25	24	-	-	-	-	-
U.S. Citizens	-	-	-	29	29	-	-	0	-	-
Foreign	-	-	-	8	15	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	3	4	-	5	6	0	0	0	0	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	4
Math. & Computer Sciences	1	1	-	3	13	0	0	0	1	0
Life Sciences	12	11	-	13	15	0	0	0	8	6
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	13	17	-	17	10	0	0	0	1	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	39	33	-	35	19
Engineering	0	0	-	0	0
Physical Sciences	2	4	-	4	3
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	9	3	-	3	3
Life Sciences	3	0	-	5	0
Psychology	0	0	-	0	0
Social Sciences	25	26	-	23	13

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
<b>FELLOWSHIPS &amp; TRAINEESHIPS</b>					
Federal Support	-	-	-	2	2
Institutional Support	-	-	-	2	1
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	1
				0	0
<b>RESEARCH ASSISTANTSHIPS</b>				10	6
Federal Support	-	-	-	2	6
Institutional Support	-	-	-	8	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>TEACHING ASSISTANTSHIPS</b>				6	14
Federal Support	-	-	-	6	0
Institutional Support	-	-	-	0	14
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>OTHER TYPES OF SUPPORT</b>				19	22
Federal Support	-	-	-	0	3
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	19	19

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	167	170	170	-	171I	171I	0	0	1	-	1I	1I
ENGINEERS	29	31	40	-	40I	40I	0	0	1	-	1I	1I
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	4	4	11	-	11I	11I	0	0	1	-	1I	1I
Electrical Engineers	6	8	8	-	8I	8I	0	0	0	-	0I	0I
Mechanical Engineers	12	12	15	-	15I	15I	0	0	0	-	0I	0I
Engineers, n.e.c.	7	7	6	-	6I	6I	0	0	0	-	0I	0I
PHYSICAL SCIENTISTS	28	28	26	-	27I	27I	0	0	0	-	0I	0I
Astronomers	-	-	0	-	0	0	0	0	0	-	0	0
Chemists	18	18	16	-	17I	17I	0	0	0	-	0I	0I
Physicists	10	10	10	-	10I	10I	0	0	0	-	0I	0I
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	37	38	38	-	38I	38I	0	0	0	-	0I	0I
Mathematicians	31	32	33	-	33I	33I	0	0	0	-	0I	0I
Computer Scientists	6	6	5	-	5I	5I	0	0	0	-	0I	0I
LIFE SCIENTISTS	38	38	37	-	37I	37I	0	0	0	-	0I	0I
Agricultural Scientists	11	11	11	-	11I	11I	0	0	0	-	0I	0I
Biological Scientists	27	27	26	-	26I	26I	0	0	0	-	0I	0I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	9	9	8	-	8I	8I	0	0	0	-	0I	0I
SOCIAL SCIENTISTS	26	26	21	-	21I	21I	0	0	0	-	0I	0I
Economists	5	4	4	-	4I	4I	0	0	0	-	0I	0I
Political Scientists	9	10	8	-	8I	8I	0	0	0	-	0I	0I
Sociologists	12	12	9	-	9I	9I	0	0	0	-	0I	0I
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	78	83	92	-	93I	93I	0	0	0	-	0I	0I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	83	81	71	-	71I	71I	0	0	1	-	1I	1I
BACHELOR'S (or equivalent) .....	6	6	7	-	7I	7I	0	0	0	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	124	126	-	127I	127I	46	44	-	44I	44I
Engineers .....	31	40	-	40I	40I	0	0	-	0I	0I
Physical Scientists .....	22	20	-	21I	21I	6	6	-	6I	6I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	19	24	-	24I	24I	19	14	-	14I	14I
Life Scientists .....	30	24	-	24I	24I	8	13	-	13I	13I
Psychologists .....	5	4	-	4I	4I	4	4	-	4I	4I
Social Scientists .....	17	14	-	14I	14I	9	7	-	7I	7I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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* INSTITUTIONAL PROFILE *  
*  
* 002032 *  
* XAVIER UNIVERSITY OF LOUISIANA *  
* Private Bachelor's-Granting *  
* CARNEGIE COUNCIL CATEGORY: 2.2 *  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,934	3,976	3,193	3,041	3,933	5,851	1,757	4,088	98	556	3,434
Department of Agriculture	0	0	0	0	0	35	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	2,490	0	0	2,490
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,875	3,670	3,157	2,682	3,398	5,766	1,635	1,370	0	426	944
National Institutes of Health	412	118	143	146	251	261	412	426	0	426	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,463	2,921	2,608	2,080	2,770	5,153	720	0	0	0	0
Other HHS	0	631	406	456	377	352	503	944	0	0	944
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	59	35	30	12	73	39	26	81	81	0	0
National Science Foundation	0	271	6	347	462	11	96	147	17	130	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,934	3,976	3,193	3,041	3,933	5,851	1,757	4,088
Research and Development	59	35	36	359	91	74	110	98
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	59	72
General Support for Science	112	389	143	146	699	261	353	404
Other Science	0	0	0	0	0	11	12	80
Non-Science	1,763	3,552	3,014	2,536	3,147	5,505	1,223	3,434

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA	NSF	
TOTAL	59	35	36	359	91	74	110	98	81	17	0
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n e c	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	0	0	18	35	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	6	0	0	0	0	0	0	0
Physics	0	0	0	12	35	0	0	0	0	0	0
Physical Sciences, n e c	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	22	24	26	26	26	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n e c	0	0	0	0	22	24	26	26	26	0	0
MATH. AND COMPUTER SCIENCES	0	0	6	341	18	0	84	58	55	3	0
LIFE SCIENCES	39	35	30	0	16	15	0	14	0	14	0
Biological Sciences	0	35	30	0	16	15	0	14	0	14	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n e c	39	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	20	0	0	0	0	35	0	0	0	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	20	0	0	0	0	0	0	0	0	0	0
Social Sciences, n e c	0	0	0	0	0	35	0	0	0	0	0
OTHER SCIENCES, n.e.c	0	0	0	0	0	0	0	0	0	0	0

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	56	57	66	-	64	62	7	7	6	-	12	15
ENGINEERS	0	1	0	-	1	1	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	1	1	0	0	0	-	0	0
Mechanical Engineers	0	1	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	10	12	11	-	11	11	2	1	3	-	2	1
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	7	8	6	-	8	8	1	1	1	-	0	0
Physicists	3	4	3	-	3	3	1	0	2	-	2	1
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	1	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	1	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	11	8	14	-	10	12	1	1	2	-	2	6
Mathematicians	9	8	10	-	8	9	0	0	1	-	1	5
Computer Scientists	2	0	4	-	2	3	1	1	1	-	1	1
LIFE SCIENTISTS	23	10	26	-	27	25	2	1	1	-	5	4
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	6	9	7	-	7	7	0	1	1	-	0	1
Medical Scientists	17	1	19	-	20	18	2	0	0	-	5	3
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2	7	2	-	2	2	0	1	0	-	1	0
SOCIAL SCIENTISTS	10	18	13	-	13	11	2	3	0	-	2	4
Economists	1	6	2	-	3	4	0	1	0	-	0	0
Political Scientists	4	4	5	-	4	3	0	1	0	-	2	2
Sociologists	5	6	6	-	4	2	2	1	0	-	0	2
Social Scientists, n.e.c.	0	2	0	-	2	2	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	31	38I	35	-	30	30	3	3I	4	-	3	3
FIRST PROFESSIONAL .....	2	0I	0	-	8	6	0	0I	0	-	0	3
MASTER'S .....	21	17I	25	-	24	24	4	4I	1	-	8	5
BACHELOR'S (or equivalent) .....	2	2I	6	-	2	2	0	0I	1	-	1	4

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	47I	42	-	40	37	10I	24	-	24	25
Engineers .....	1I	0	-	1	1	0I	0	-	0	0
Physical Scientists .....	11I	7	-	7	7	1I	4	-	4	4
Environmental Scientists .....	1I	0	-	0	0	0I	0	-	0	0
Mathematical & Computer Scientists ..	7I	7	-	7	8	1I	7	-	3	4
Life Scientists .....	8I	18	-	14	12	2I	8	-	13	13
Psychologists .....	6I	2	-	2	2	1I	0	-	0	0
Social Scientists .....	13I	8	-	9	7	5I	5	-	4	4

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/25/82

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*
*           INSTITUTIONAL PROFILE
*
*           002062
*
*           BOWIE STATE COLLEGE
*
* Public                               Bachelor's-Granting
*
*           CARNEGIE COUNCIL CATEGORY:  2.2
*
*****
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,492	1,556	1,346	3,733	1,602	1,355	366	872	78	72	722
Department of Agriculture	0	0	0	0	0	1	1	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	722	0	0	722
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,373	1,477	1,239	3,683	1,476	1,259	259	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,373	1,477	1,239	3,683	1,476	1,259	259	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	113	74	92	50	86	95	106	150	78	72	0
National Science Foundation	6	5	15	0	40	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,492	1,556	1,346	3,733	1,602	1,355	366	872
Research and Development	80	40	61	27	55	63	58	78
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	33	34	31	23	31	32	33	45
General Support for Science	6	5	0	0	0	0	0	0
Other Science	0	0	15	0	40	0	15	27
Non-Science	1,373	1,477	1,239	3,683	1,476	1,260	250	722

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



FEDERAL R&O OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&O OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA		
TOTAL	80	40	61	27	55	63	58	78	78	0	0
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	67	40	48	27	39	46	42	44	44	0	0
Astronomy	53	10	10	11	14	30	0	0	0	0	0
Chemistry	0	15	22	0	24	0	25	26	26	0	0
Physics	14	15	16	16	1	16	16	18	18	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	13	0	13	0	16	17	16	34	34	0	0
LIFE SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Biological Sciences	0	0	0	0	0	0	0	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	41	34	38	-	38I	39I	0	3	10	-	12I	13I
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	6	5	6	-	6I	6I	0	0	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	3	3	-	3I	3I	0	0	0	-	0I	0I
Physicists	1	2	1	-	1I	1I	0	0	0	-	0I	0I
Physical Scientists, n.e.c.	2	0	2	-	2I	2I	0	0	0	-	0I	0I
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	10	8	11	-	11I	12I	0	0	4	-	5I	5I
Mathematicians	10	8	11	-	11I	12I	0	0	4	-	5I	5I
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	3	5	3	-	3I	3I	0	0	5	-	6I	7I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	3	5	3	-	3I	3I	0	0	5	-	6I	7I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	5	5	7	-	7I	7I	0	1	0	-	0I	0I
SOCIAL SCIENTISTS	17	11	11	-	11I	11I	0	2	1	-	1I	1I
Economists	3	3	4	-	4I	4I	0	0	1	-	1I	1I
Political Scientists	2	2	2	-	2I	2I	0	2	0	-	0I	0I
Sociologists	6	3	3	-	3I	3I	0	0	1	-	1I	1I
Social Scientists, n.e.c.	6	3	2	-	2I	2I	0	0	0	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	21	22	22	-	22I	22I	0	1	1	-	2I	2I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	20	12	16	-	16I	17I	0	2	8	-	9I	10I
BACHELOR'S (or equivalent) .....	0	0	0	-	0I	0I	0	0	1	-	1I	1I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	30I	29	-	29I	30I	4I	9	-	9I	9I
Engineers .....	0I	0	-	0	0	0I	0	-	0	0
Physical Scientists .....	5I	6	-	6I	6I	0I	0	-	0I	0I
Environmental Scientists .....	0I	0	-	0	0	0I	0	-	0	0
Mathematical & Computer Scientists ..	7I	7	-	7I	8I	1I	4	-	4I	4I
Life Scientists .....	4I	3	-	3I	3I	1I	0	-	0I	0I
Psychologists .....	4I	4	-	4I	4I	1I	3	-	3I	3I
Social Scientists .....	10I	9	-	9I	9I	1I	2	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*  
* INSTITUTIONAL PROFILE *  
* *  
* 002068 *  
* *  
* COPPIN STATE COLLEGE *  
* *  
* Public Master's-Granting *  
* *  
* CARNEGIE COUNCIL CATEGORY: 2.2 *  
* *  
*****
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Data for this institutional profile are based on the following survey data systems:

- NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions
- NSF-NIH Survey of Graduate Science Students and Postdoctorates
- NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, O.C 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,325	1,929	2,098	3,536	4,398	3,928	1,272	2,276	49	8	2,219
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	95	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	2,103	0	0	2,103
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	2,041	1,912	2,076	3,483	4,338	3,879	1,024	21	0	0	21
National Institutes of Health	73	68	64	66	34	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,860	1,694	1,733	3,153	3,983	3,710	883	0	0	0	0
Other HHS	108	150	279	264	321	169	141	21	0	0	21
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	95	0	0	95
NASA	0	12	22	33	40	49	46	49	49	0	0
National Science Foundation	284	5	0	20	20	0	107	8	0	8	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,325	1,929	2,098	3,536	4,398	3,928	1,272	2,276
Research and Development	105	82	22	53	60	49	230	49
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	58	71	92	162	149	92	33	8
General Support for Science	302	73	64	66	34	0	107	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	1,860	1,703	1,920	3,255	4,155	3,787	902	2,219

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA		
TOTAL	105	82	22	53	60	49	230	49	49	0	0
ENGINEERING	0	0	0	0	20	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	20	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	0	13	53	40	49	46	49	49	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	13	53	40	49	46	49	49	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	12	9	0	0	0	0	0	0	0	0
LIFE SCIENCES	55	0	0	0	0	0	0	0	0	0	0
Biological Sciences	55	0	0	0	0	0	0	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	70	0	0	0	0	184	0	0	0	0
Economics	0	0	0	0	0	0	95	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	70	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	0	89	0	0	0	0
OTHER SCIENCES, n.e.c.	50	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	21	-	63	20	0	0	0	20	0
Men	-	-	-	28	15	0	-	-	15	0
Women	-	-	-	35	5	0	-	-	5	0
First Year	-	-	-	28	9	0	-	-	-	-
Beyond First Year	-	-	-	35	11	0	-	-	-	-
U.S. Citizens	-	-	-	59	19	0	-	0	-	-
Foreign	-	-	-	4	1	0	-	0	-	-
Engineering	-	0	-	0	0	0	0	0	0	0
Physical Sciences	-	0	-	0	0	0	0	0	0	0
Environmental Sciences	-	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	-	0	-	0	0	0	0	0	0	0
Life Sciences	-	0	-	0	0	0	0	0	0	0
Psychology	-	0	-	0	0	0	0	0	0	0
Social Sciences	-	21	-	63	20	0	0	0	20	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	36	-	192	34
Engineering	-	0	-	0	0
Physical Sciences	-	0	-	0	0
Environmental Sciences	-	0	-	0	0
Math. & Computer Sciences	-	0	-	0	0
Life Sciences	-	0	-	0	0
Psychology	-	0	-	0	0
Social Sciences	-	36	-	192	34

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL				0	0				0	0
Engineering				0	0				0	0
Physical Sciences				0	0				0	0
Environmental Sciences				0	0				0	0
Math. & Computer Sciences				0	0				0	0
Life Sciences				0	0				0	0
Psychology				0	0				0	0
Social Sciences				0	0				0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
<b>FELLOWSHIPS &amp; TRAINEESHIPS</b>					
Federal Support				0	0
Institutional Support				0	0
Other Outside Support				0	0
Self-Support				0	0
<b>RESEARCH ASSISTANTSHIPS</b>					
Federal Support				0	0
Institutional Support				0	0
Other Outside Support				0	0
Self-Support				0	0
<b>TEACHING ASSISTANTSHIPS</b>					
Federal Support				0	0
Institutional Support				0	0
Other Outside Support				0	0
Self-Support				10	0
<b>OTHER TYPES OF SUPPORT</b>					
Federal Support				63	20
Institutional Support				20	0
Other Outside Support				0	10
Self-Support				0	0
				43	10

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE, AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	36	35	35	-	59	59I	9	26	39	-	23	24I
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	7	5	7	-	4	4I	0	2	2	-	0	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	1	1	1	-	2	2I	0	0	0	-	0	0I
Physicists	1	1	1	-	0	0	0	0	0	-	0	0I
Physical Scientists, n.e.c.	5	3	5	-	2	2I	0	2	2	-	0	0I
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	11	11	12	-	10	10I	1	5	16	-	5	5I
Mathematicians	11	10	11	-	10	10I	1	5	16	-	5	5I
Computer Scientists	0	1	1	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	7	10	7	-	22	22I	3	2	0	-	2	2I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	7	10	7	-	6	6I	0	0	0	-	1	1I
Medical Scientists	0	0	0	-	0	0	3	2	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	16	16I	-	-	0	-	1	1I
PSYCHOLOGISTS	2	1	2	-	5	5I	0	0	3	-	0	0I
SOCIAL SCIENTISTS	9	8	7	-	18	18I	5	17	18	-	16	17I
Economists	2	2	2	-	2	2I	0	1	0	-	0	0I
Political Scientists	2	1	1	-	2	2I	0	1	0	-	0	0I
Sociologists	2	2	2	-	2	2I	0	2	0	-	0	0I
Social Scientists, n.e.c.	3	3	2	-	12	12I	5	13	18	-	16	17I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	20	18	18	-	30I	30I	0	0	0	-	0I	0I
FIRST PROFESSIONAL .....	0	1	1	-	2I	2I	3	4	4	-	2I	3I
MASTER'S .....	14	13	13	-	22I	22I	2	22	35	-	21I	21I
BACHELOR'S (or equivalent) .....	2	3	3	-	5I	5I	4	0	0	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	26	26	-	31	31I	9	9	-	28	28I
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	5	7	-	4	4I	0	0	-	0	0I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	9	9	-	5	5I	2	3	-	5	5I
Life Scientists .....	8	6	-	6	6I	2	1	-	16	16I
Psychologists .....	0	1	-	3	3I	1	1	-	2	2I
Social Scientists .....	4	3	-	13	13I	4	4	-	5	5I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	0	77	298	-	115	1321	0	77	298	-	115	1291
ENGINEERING	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	0	24	50	-	68	771	0	24	50	-	68	761
Astronomy	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry	0	0	0	-	0	11	0	0	0	-	0	0
Physics	0	0	25	-	45	511	0	0	0	-	0	0
Physical Sci., n.e.c.	0	24	25	-	23	251	0	24	25	-	23	251
ENVIRONMENTAL SCIENCES	0	0	0	-	0	11	0	0	0	-	0	0
Atmospheric Sciences	-	-	-	-	-	11	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	11	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	0	0	214	-	0	0	0	0	214	-	0	0
Mathematics	0	0	0	-	0	0	0	0	0	-	0	0
Computer Science	0	0	214	-	0	0	0	0	214	-	0	0
LIFE SCIENCES	0	53	34	-	47	531	0	53	34	-	47	531
Agricultural Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Biological Sciences	0	15	34	-	47	531	0	15	34	-	47	531
Medical Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Life Sci., n.e.c.	0	38	0	-	0	0	0	38	0	-	0	0
PSYCHOLOGY	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENCES	0	0	0	-	0	11	0	0	0	-	0	0
Economics	0	0	0	-	0	11	0	0	0	-	0	0
Political Science	0	0	0	-	0	0	0	0	0	-	0	0
Sociology	0	0	0	-	0	0	0	0	0	-	0	0
Social Sci., n.e.c.	0	0	0	-	0	11	0	0	0	-	0	0
OTHER SCIENCES, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS, FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	0	77	298	-	115	1321
Federal Government	0	77	298	-	115	1291
State and Local Government	0	0	0	-	0	21
Industry	0	0	0	-	0	0
Institutional Funds	0	0	0	-	0	11
All Other Outside Sources	0	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	0	0	01	-	01	01	0	0	01	-	01	01
Engineering	0	0	01	-	0	0	0	0	01	-	0	0
Physical Sciences	0	0	01	-	0	0	0	0	01	-	0	0
Environmental Sciences	0	0	01	-	0	0	0	0	01	-	0	0
Math. & Computer Sci.	0	0	01	-	0	0	0	0	01	-	0	0
Life Sciences	0	0	01	-	0	0	0	0	01	-	0	0
Psychology	0	0	01	-	0	0	0	0	01	-	0	0
Social Sciences	0	0	01	-	0	0	0	0	01	-	0	0
Other Sciences, n.e.c.	0	0	01	-	0	0	0	0	01	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,332	2,928	1,412	3,262	5,063	5,281	2,473	3,745	172	123	3,450
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	21	21	0	0
Department of Energy	0	0	0	0	0	0	0	3,482	0	32	3,450
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,218	2,746	1,372	2,963	5,000	5,178	2,255	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	107	96	76	74	74	0	0	0	0	0	0
Office of Education	1,111	2,650	1,296	2,889	4,926	5,178	2,255	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	55	65	36	79	63	65	192	226	151	75	0
National Science Foundation	59	117	4	220	0	38	26	16	0	16	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,332	2,928	1,412	3,262	5,063	5,281	2,473	3,745
Research and Development	0	26	0	45	19	50	103	172
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	9	0	0	0	0	4	0	0
Fellowships & Training Grants	162	189	36	34	44	49	113	107
General Support for Science	0	1	0	220	0	0	0	0
Other Science	59	62	4	0	0	0	39	16
Non-Science	1,102	2,650	1,372	2,963	5,000	5,178	2,218	3,450

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 002083 MORGAN STATE UNIVERSITY

FEDERAL R&O OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&O OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA	DOO	
TOTAL	-	26	-	45	19	50	103	172	151	21	0
ENGINEERING	-	26	-	21	17	0	36	40	29	11	0
Aeronautical	-	0	-	0	0	0	0	0	0	0	0
Astronautical	-	0	-	0	0	0	0	0	0	0	0
Chemical	-	0	-	0	0	0	0	0	0	0	0
Civil	-	0	-	0	0	0	0	0	0	0	0
Electrical	-	26	-	0	0	0	0	0	0	0	0
Mechanical	-	0	-	0	0	0	0	0	0	0	0
Metallurgy and Materials	-	0	-	0	0	0	0	0	0	0	0
Engineering, n.e.c.	-	0	-	21	17	0	36	40	29	11	0
PHYSICAL SCIENCES	-	0	-	24	2	50	22	24	24	0	0
Astronomy	-	0	-	24	2	23	22	24	24	0	0
Chemistry	-	0	-	0	0	27	0	0	0	0	0
Physics	-	0	-	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	-	0	-	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	-	0	-	0	0	0	45	98	98	0	0
Atmospheric Sciences	-	0	-	0	0	0	45	66	66	0	0
Geological Sciences	-	0	-	0	0	0	0	0	0	0	0
Oceanography	-	0	-	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	-	0	-	0	0	0	0	32	32	0	0
MATH. AND COMPUTER SCIENCES	-	0	-	0	0	0	0	0	0	0	0
LIFE SCIENCES	-	0	-	0	0	0	0	0	0	0	0
Biological Sciences	-	0	-	0	0	0	0	0	0	0	0
Medical Sciences	-	0	-	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	-	0	-	0	0	0	0	0	0	0	0
PSYCHOLOGY	-	0	-	0	0	0	0	10	0	10	0
SOCIAL SCIENCES	-	0	-	0	0	0	0	0	0	0	0
Economics	-	0	-	0	0	0	0	0	0	0	0
Political Science	-	0	-	0	0	0	0	0	0	0	0
Sociology	-	0	-	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	-	0	-	0	0	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	-	0	-	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	1	1	-	26	25	0	0	0	3	0
Men	-	-	-	14	12	-	-	-	0	0
Women	-	-	-	12	13	-	-	-	3	0
First Year	-	-	-	15	11	-	-	-	-	-
Beyond First Year	-	-	-	11	14	-	-	-	-	-
U.S. Citizens	-	-	-	20	16	-	-	0	-	-
Foreign	-	-	-	6	9	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	0	0	-	0	0	0	0	0	0	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	1	1	-	0	0	0	0	0	0	0
Life Sciences	0	0	-	0	0	0	0	0	0	0
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	0	0	-	26	25	0	0	0	3	0

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PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	17	17	-	28	16
Engineering	0	0	-	0	0
Physical Sciences	0	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	17	17	-	5	0
Life Sciences	0	0	-	0	0
Psychology	0	0	-	0	0
Social Sciences	0	0	-	23	16

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.



POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
<b>FELLOWSHIPS &amp; TRAINEESHIPS</b>	-	-	-	8	6
Federal Support	-	-	-	3	0
Institutional Support	-	-	-	5	6
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>RESEARCH ASSISTANTSHIPS</b>	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>TEACHING ASSISTANTSHIPS</b>	-	-	-	1	2
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	1	2
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>OTHER TYPES OF SUPPORT</b>	-	-	-	17	17
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	2	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	15	17

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	89	86	87I	-	87I	87I	11	5	5I	-	6I	6I
ENGINEERS	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	15	31	31I	-	31I	31I	1	1	1I	-	1I	1I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	10	9	9I	-	9I	9I	0	0	0I	-	0I	0I
Physicists	5	5	5I	-	5I	5I	1	0	0I	-	0I	0I
Physical Scientists, n.e.c.	0	17	17I	-	17I	17I	0	1	1I	-	1I	1I
ENVIRONMENTAL SCIENTISTS	19	0	0I	-	0	0	1	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	19	0	0I	-	0	0	1	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	13	13	13I	-	13I	13I	1	0	0I	-	0I	0I
Mathematicians	13	12	12I	-	12I	12I	1	0	0I	-	0I	0I
Computer Scientists	0	1	1I	-	1I	1I	0	0	0I	-	0I	0I
LIFE SCIENTISTS	12	11	11I	-	11I	11I	0	0	0I	-	0I	0I
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	12	11	11I	-	11I	11I	0	0	0I	-	0I	0I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	7	8	8I	-	8I	8I	0	0	0I	-	0I	0I
SOCIAL SCIENTISTS	23	23	24I	-	24I	24I	8	4	4I	-	5I	5I
Economists	11	12	13I	-	13I	13I	0	3	3I	-	4I	4I
Political Scientists	6	5	5I	-	5I	5I	6	1	1I	-	1I	1I
Sociologists	6	6	6I	-	6I	6I	2	0	0I	-	0I	0I
Social Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	41	42	42I	-	42I	42I	2	0	0I	-	0I	0I
FIRST PROFESSIONAL .....	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S .....	47	33	34I	-	34I	34I	7	5	5I	-	6I	6I
BACHELDR'S (or equivalent) .....	1	11	11I	-	11I	11I	2	0	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	68	67I	-	70I	70I	20	20I	-	17I	17I
Engineers .....	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists .....	22	22I	-	25I	25I	9	9I	-	6I	6I
Environmental Scientists .....	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists .....	9	9I	-	9I	9I	4	4I	-	4I	4I
Life Scientists .....	10	10I	-	10I	10I	1	1I	-	1I	1I
Psychologists .....	6	6I	-	6I	6I	2	2I	-	2I	2I
Social Scientists .....	19	20I	-	20I	20I	4	4I	-	4I	4I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL .....	536	750	520	-	914	1,024I	536	750	520	-	914	1,024I
ENGINEERING .....	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical .....	-	-	-	-	-	0	-	-	-	-	-	0
Chemical .....	-	-	-	-	-	0	-	-	-	-	-	0
Civil .....	-	-	-	-	-	0	-	-	-	-	-	0
Electrical .....	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical .....	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c. ....	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES .....	17	18	4	-	120	135I	17	18	4	-	120	135I
Astronomy .....	0	18	0	-	0	0	0	18	0	-	0	0
Chemistry .....	0	0	0	-	115	129I	0	0	0	-	115	129I
Physics .....	17	0	4	-	5	6I	17	0	4	-	5	6I
Physical Sci., n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENCES .....	28	86	33	-	72	80I	28	86	33	-	72	80I
Atmospheric Sciences .....	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences .....	-	-	-	-	-	80I	-	-	-	-	-	80I
Oceanographic Sci. ....	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c. ....	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI .....	6	0	6	-	39	44I	6	0	6	-	39	44I
Mathematics .....	6	0	0	-	13	15I	6	0	0	-	13	15I
Computer Science .....	0	0	6	-	26	29I	0	0	6	-	26	29I
LIFE SCIENCES .....	209	139	317	-	540	605I	209	139	317	-	540	605I
Agricultural Sciences .....	132	97	208	-	312	350I	132	97	208	-	312	350I
Biological Sciences .....	77	12	109	-	141	158I	77	12	109	-	141	158I
Medical Sciences .....	0	30	0	-	0	0	0	30	0	-	0	0
Life Sci., n.e.c. ....	0	0	0	-	87	97I	0	0	0	-	87	97I
PSYCHOLOGY .....	0	331	0	-	119	133I	0	331	0	-	119	133I
SOCIAL SCIENCES .....	276	176	160	-	24	27I	276	176	160	-	24	27I
Economics .....	7	0	8	-	9	10I	7	0	8	-	9	10I
Political Science .....	0	0	0	-	0	0	0	0	0	-	0	0
Sociology .....	14	176	127	-	9	10I	14	176	127	-	9	10I
Social Sci., n.e.c. ....	255	0	25	-	6	7I	255	0	25	-	6	7I
OTHER SCIENCES, n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0

INSTITUTIONAL PROFILE: 002108 UNIVERSITY OF MARYLAND, EASTERN SHORE

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	536	750	520	-	914	1,024I
Federal Government	536	750	520	-	914	1,024I
State and Local Government	0	0	0	-	0	0
Industry	0	0	0	-	0	0
Institutional Funds	0	0	0	-	0	0
All Other Outside Sources	0	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	148	84	81	-	515	515I	148	84	81	-	511	511I
Engineering	0	0	0	-	0	0	0	0	0	-	0	0
Physical Sciences	6	0	0	-	7	7I	6	0	0	-	7	7I
Environmental Sciences	3	13	6	-	21	21I	3	13	6	-	21	21I
Math. & Computer Sci.	0	0	0	-	0	0	0	0	0	-	0	0
Life Sciences	61	0	68	-	436	436I	61	0	68	-	432	432I
Psychology	0	71	0	-	47	47I	0	71	0	-	47	47I
Social Sciences	78	0	7	-	4	4I	78	0	7	-	4	4I
Other Sciences, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,744	1,566	1,331	1,858	2,510	2,922	3,341	2,725	891	682	1,152
Department of Agriculture	736	651	570	502	779	862	943	971	607	364	0
Department of Commerce	382	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	62	62	0	0
Department of Education	0	0	0	0	0	0	0	1,010	0	0	1,010
Department of Energy	0	0	0	0	0	0	0	101	101	0	0
Environmental Protection Agency	0	0	0	0	56	0	9	0	0	0	0
Dept. of Health & Human Services	544	855	643	1,151	1,564	1,893	2,037	249	0	249	0
National Institutes of Health	0	67	0	134	94	147	244	249	0	249	0
AOAMHA	0	0	0	0	0	0	0	0	0	249	0
Office of Education	544	788	643	1,017	1,470	1,746	1,793	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	12	142	0	0	142
AIO	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	77	52	118	88	102	167	131	190	121	69	0
National Science Foundation	5	8	0	17	9	0	209	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,744	1,566	1,331	1,858	2,510	2,922	3,341	2,725
Research and Development	824	414	499	502	578	640	677	891
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	5	75	0	134	94	147	453	249
Other Science	371	289	189	205	368	389	418	433
Non-Science	544	788	643	1,017	1,470	1,746	1,793	1,152

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 002106 UNIVERSITY OF MARYLAND, EASTERN SHORE

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	NASA	DOE
TOTAL	824	414	1499	502	578	640	677	891	607	121	101
ENGINEERING	0	8	13	0	0	0	0	101	0	0	101
Aeronautical	0	8	13	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	101	0	0	101
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	16	0	50	0	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0
Physics	16	0	27	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	23	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	20	0	0	0	0	30	56	41	0	41	0
Atmospheric Sciences	20	0	0	0	0	30	35	26	0	26	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	10	15	0	15	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	11	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	17	0	0	0	26	0	0	0
LIFE SCIENCES	351	205	110	341	323	515	554	370	318	52	0
Biological Sciences	351	205	110	341	318	515	67	174	152	22	0
Medical Sciences	0	0	0	0	0	0	487	196	166	30	0
Life Sciences, n.e.c.	0	0	0	0	5	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	437	201	326	114	220	60	67	289	289	0	0
Economics	437	10	10	0	0	9	11	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	191	316	114	220	51	56	289	289	0	0
OTHER SCIENCES, n.e.c.	0	0	0	30	35	35	0	64	0	28	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	31	30	29	-	41	44	4	3	5	-	5	4
ENGINEERS	0	0	0	-	2	2	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	1	1	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	1	1	0	0	0	-	0	0
PHYSICAL SCIENTISTS	5	5	4	-	6	6	0	0	0	-	2	1
Astronomers	-	-	0	-	0	0	-	-	-	-	0	0
Chemists	2	2	2	-	4	4	0	0	0	-	0	0
Physicists	2	3	2	-	2	2	0	0	0	-	1	0
Physical Scientists, n.e.c.	1	0	0	-	0	0	0	0	0	-	1	0
ENVIRONMENTAL SCIENTISTS	0	0	2	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	2	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	5	3	-	7	8	0	1	0	-	1	1
Mathematicians	5	4	2	-	3	4	0	0	0	-	1	1
Computer Scientists	1	1	1	-	4	4	0	0	0	-	0	0
LIFE SCIENTISTS	11	11	10	-	17	16	2	2	2	-	2	2
Agricultural Scientists	5	6	5	-	10	10	1	2	1	-	1	0
Biological Scientists	6	5	5	-	7	6	1	0	1	-	1	2
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	1	4	-	3	4	1	0	0	-	0	0
SOCIAL SCIENTISTS	8	8	6	-	6	8	1	0	3	-	0	0
Economists	2	2	2	-	2	2	0	0	0	-	0	0
Political Scientists	1	1	1	-	1	1	0	0	0	-	0	0
Sociologists	3	5	3	-	2	4	1	0	0	-	0	0
Social Scientists, n.e.c.	2	0	0	-	1	1	0	0	3	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

INSTITUTIONAL PROFILE: 002106 UNIVERSITY OF MARYLAND, EASTERN SHORE.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	19	17	21	-	27	29	1	1	1	-	2	2
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	12	13	8	-	9	9	3	2	3	-	3	1
BACHELOR'S (or equivalent) .....	0	0	0	-	5	6	0	0	1	-	0	1

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	25	20	-	34	36	5	9	-	7	8
Engineers .....	0	0	-	2	2	0	0	-	0	0
Physical Scientists .....	5	3	-	5	5	0	1	-	1	1
Environmental Scientists .....	0	1	-	0	0	0	1	-	0	0
Mathematical & Computer Scientists ..	2	2	-	4	5	3	1	-	3	3
Life Scientists .....	11	8	-	15	15	0	2	-	2	1
Psychologists .....	1	2	-	2	3	0	2	-	1	1
Social Scientists .....	6	4	-	6	6	2	2	-	0	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



INSTITUTIONAL PROFILE: 002271 HIGHLAND PARK COMMUNITY COLLEGE

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	414	1,809	865	2,675	2,056	2,845	327	1,584	0	0	1,584
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,561	0	0	1,561
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	414	1,809	865	2,675	2,053	2,677	327	23	0	0	23
National Institutes of Health	9	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	405	1,699	860	2,646	2,023	2,658	301	0	0	0	0
Other HHS	0	110	5	29	30	19	26	23	0	0	23
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	3	168	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	414	1,809	865	2,675	2,056	2,845	327	1,584
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	3	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	168	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	414	1,809	865	2,675	2,053	2,677	327	1,584

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: Q02271 HIGHLAND PARK COMMUNITY COLLEGE

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	40	40	40I	-	26	27I	5	0	0I	-	0	0I
ENGINEERS	0	2	2I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	1	1I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	1	1I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	7	8	8I	-	3	3I	1	0	0I	-	0	0I
Astronomers	-	-	0	-	0	0	-	-	0I	-	0	0I
Chemists	2	5	5I	-	2	2I	1	0	0I	-	0	0I
Physicists	2	3	3I	-	1	1I	0	0	0I	-	0	0I
Physical Scientists, n.e.c.	3	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	7	7	7I	-	6	7I	1	0	0I	-	0	0I
Mathematicians	7	7	7I	-	6	7I	1	0	0I	-	0	0I
Computer Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
LIFE SCIENTISTS	9	9	9I	-	10	10I	1	0	0I	-	0	0I
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	9	9	9I	-	10	10I	1	0	0I	-	0	0I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2	2	2I	-	1	1I	0	0	0I	-	0	0I
SOCIAL SCIENTISTS	15	12	12I	-	6	6I	2	0	0I	-	0	0I
Economists	0	1	1I	-	1	1I	0	0	0I	-	0	0I
Political Scientists	0	2	2I	-	2	2I	0	0	0I	-	0	0I
Sociologists	0	1	1I	-	2	2I	1	0	0I	-	0	0I
Social Scientists, n.e.c.	15	8	8I	-	1	1I	1	0	0I	-	0	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	5	4	41	-	4	41	2	0	01	-	0	01
FIRST PROFESSIONAL .....	0	0	01	-	0	0	0	0	01	-	0	0
MASTER'S .....	35	36	361	-	22	231	3	0	01	-	0	01
BACHELOR'S (or equivalent) .....	0	0	01	-	0	0	0	0	01	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	37	371	-	21	221	3	31	-	5	51
Engineers .....	2	21	-	0	0	0	01	-	0	0
Physical Scientists .....	8	81	-	3	31	0	01	-	0	01
Environmental Scientists .....	0	01	-	0	0	0	01	-	0	0
Mathematical & Computer Scientists .....	7	71	-	5	61	0	01	-	1	11
Life Scientists .....	7	71	-	8	81	2	21	-	2	21
Psychologists .....	2	21	-	1	11	0	01	-	0	01
Social Scientists .....	11	111	-	4	41	1	11	-	2	21

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

3/02/82

INSTITUTIONAL PROFILE

002289

SHAW COLLEGE AT DETROIT

Private

Bachelor's-Granting

CARNEGIE COUNCIL CATEGORY 3 2

Data for this institutional profile are based on the following survey data systems

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables.

- An "E" suffix indicates that the data were estimated by NSF or by the respondent
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- A "C" suffix indicates confidential data that cannot be released outside NSF
- A dash (-) indicates that the data were not available

The abbreviation "n e c" used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution

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Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by

Moshman Associates, Inc  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

535

536

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980. CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,375	1,080	1,300	2,385	2,688	2,442	1,164	1,548	0	0	1,548
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	1,541	0	0	1,541
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,375	1,080	1,300	2,385	2,564	2,442	1,140	7	0	0	7
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,375	982	1,300	2,295	2,558	2,442	1,134	0	0	0	0
Other HHS	0	98	0	90	6	0	6	7	0	0	7
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
ATP	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	124	0	24	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,375	1,080	1,300	2,385	2,688	2,442	1,164	1,548
Research and Development	0	0	0	0	0	0	24	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	50	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	124	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non Science	1,325	1,080	1,300	2,385	2,564	2,442	1,140	1,548

SOURCE NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions



## SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	25	261	30	-	301	311	8	91	7	-	81	91
ENGINEERS	2	11	0	-	0	0	0	01	0	-	0	0
Aeronautical & Astronautical Engineers	0	01	0	-	0	0	0	01	0	-	0	0
Chemical Engineers	0	01	0	-	0	0	0	01	0	-	0	0
Civil Engineers	0	01	0	-	0	0	0	01	0	-	0	0
Electrical Engineers	0	01	0	-	0	0	0	01	0	-	0	0
Mechanical Engineers	0	01	0	-	0	0	0	01	0	-	0	0
Engineers, n.e.c.	2	11	0	-	0	0	0	01	0	-	0	0
PHYSICAL SCIENTISTS	3	51	3	-	31	31	1	11	2	-	21	31
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	2	31	1	-	11	11	1	01	2	-	21	31
Physicists	1	21	1	-	11	11	0	01	0	-	01	01
Physical Scientists, n.e.c.	0	01	1	-	11	11	0	11	0	-	01	01
ENVIRONMENTAL SCIENTISTS	0	11	0	-	0	0	0	01	0	-	0	0
Atmospheric Scientists	0	01	0	-	0	0	0	01	0	-	0	0
Earth Scientists	0	11	0	-	0	0	0	01	0	-	0	0
Oceanographers	0	01	0	-	0	0	0	01	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	41	8	-	81	81	2	21	0	-	01	01
Mathematicians	6	41	8	-	81	81	2	11	0	-	01	01
Computer Scientists	0	01	0	-	0	0	0	11	0	-	0	0
LIFE SCIENTISTS	4	41	6	-	61	61	2	21	1	-	11	11
Agricultural Scientists	0	01	0	-	0	0	0	01	0	-	0	0
Biological Scientists	4	31	6	-	61	61	2	11	1	-	11	11
Medical Scientists	0	11	0	-	0	0	0	11	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	31	3	-	31	31	2	11	0	-	01	01
SOCIAL SCIENTISTS	9	81	10	-	101	111	1	31	4	-	51	51
Economists	2	21	0	-	0	0	0	01	0	-	0	0
Political Scientists	1	21	2	-	21	21	0	11	0	-	01	01
Sociologists	6	31	6	-	61	71	1	21	2	-	21	21
Social Scientists, n.e.c.	0	11	2	-	21	21	0	01	2	-	31	31

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	DOCTOR'S	5	171	8		81	81	2	21	3		41
FIRST PROFESSIONAL	0	01	0		01	01	0	11	1		11	11
MASTER'S	18	81	21		211	221	2	51	3		31	31
BACHELOR'S (or equivalent)	2	11	1		11	11	4	11	0		01	01

FULL TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	211	20		201	211	51	10		101
Engineers	11	0		0	0	01	0		0	0
Physical Scientists	41	2		21	21	11	1		11	11
Environmental Scientists	11	0		0	0	01	0		0	0
Mathematical & Computer Scientists	31	7		71	71	11	1		11	11
Life Scientists	31	3		31	31	11	3		31	31
Psychologists	31	2		21	21	01	1		11	11
Social Scientists	61	6		61	71	21	4		41	41

SOURCE NSF Survey of Scientists and Engineers Employed at Universities and Colleges





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980.  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,214	1,319	1,064	6,859	8,747	7,628	557	6,124	0	0	6,124
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	6,062	0	0	6,062
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,214	1,319	1,064	6,859	8,747	7,628	364	62	0	0	62
National Institutes of Health	284	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	153	144	0	0	0	0	0	0	0
Office of Education	930	917	908	6,632	8,736	7,579	301	0	0	0	0
Other HHS	0	402	3	83	11	49	63	62	0	0	62
Dept of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	193	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,214	1,319	1,064	6,859	8,747	7,628	557	6,124
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	193	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	1,214	1,319	1,064	6,859	8,747	7,628	364	6,124

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS, JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	48	48	20	-	71	73I	233	205	158	-	128	139I
ENGINEERS	0	0	0	-	2	2I	0	0	0	-	5	6I
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	1	1I	0	0	0	-	3	4I
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	1	1I	0	0	0	-	2	2I
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	4	5	5	-	10E	10I	30	35	35	-	13	14I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	4	4	-	8E	8I	21	21	21	-	8	8I
Physicists	1	1	1	-	2E	2I	3	5	5	-	5	6I
Physical Scientists, n.e.c.	0	0	0	-	0	0	6	9	9	-	0	0
ENVIRONMENTAL SCIENTISTS	1	1	1	-	1	1I	10	10	10	-	2	2I
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	1	1	1	-	1	1I	10	10	10	-	2	2I
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	4	4	4	-	7	8I	51	51	51	-	15	16I
Mathematicians	4	4	4	-	3	3I	51	51	51	-	7	7I
Computer Scientists	0	0	0	-	4	5I	0	0	0	-	8	9I
LIFE SCIENTISTS	11	10	10	-	18E	19I	57	62	62	-	16	17I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	11	10	10	-	18E	19I	57	62	62	-	16	17I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	10	9	0	-	14	14I	20	16	0	-	25	28I
SOCIAL SCIENTISTS	18	19	0	-	19	19I	65	31	0	-	52	56I
Economists	2	3	0	-	3	3I	10	2	0	-	13	14I
Political Scientists	5	5	0	-	6	6I	10	1	0	-	19	21I
Sociologists	8	8	0	-	10	10I	35	19	0	-	20	21I
Social Scientists, n.e.c.	3	3	0	-	0	0	10	9	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	4	7	4	-	22	23I	17	21	18	-	50	54I
FIRST PROFESSIONAL	1	1	1	-	2	2I	0	1	1	-	0	0I
MASTER'S	43	40	15	-	33	34I	209	181	139	-	66	72I
BACHELOR'S (or equivalent)	0	0	0	-	14	14I	7	2	0	-	12	13I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	29	13	-	41	42I	19	7	-	30	31I
Engineers	0	0	-	2	2I	0	0	-	0	0I
Physical Scientists	5	5	-	5	5I	0	0	-	5E	5I
Environmental Scientists	0	0	-	0	0I	1	1	-	1	1I
Mathematical & Computer Scientists	3	3	-	6	7I	1	1	-	1	1I
Life Scientists	5	5	-	8	8I	5	5	-	10E	11I
Psychologists	4	0	-	7	7I	5	0	-	7	7I
Social Scientists	12	0	-	13	13I	7	0	-	6	6I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*           INSTITUTIONAL PROFILE           *
*
*           002396                         *
*
*           ALCORN STATE UNIVERSITY        *
*
* Public                                     Bachelor's-Granting *
*
*           CARNEGIE COUNCIL CATEGORY:  2 1 *
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Data for this institutional profile are based on the following survey data systems:

- NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges
- NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions
- NSF Survey of Scientists and Engineers Employed at Universities and Colleges

277

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Prepared for:

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D.C. 20550  
 (202) 634-4673

Prepared by:

Moshman Associates, Inc.  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3000

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	638	705	596	-	749I	839I	638	705	573	-	749I	839I
ENGINEERING	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	27	233	68	-	89I	99I	27	233	68	-	89I	99I
Astronomy	0	0	31	-	40I	45I	0	0	31	-	40I	45I
Chemistry	7	130	0	-	0	0	7	130	0	-	0	0
Physics	20	103	37	-	49I	54I	20	103	37	-	49I	54I
Physical Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENCES	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	0	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	0	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	0	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	0	0
MATH. & COMPUTER SCI.	7	3	0	-	0	0	7	3	0	-	0	0
Mathematics	0	0	0	-	0	0	0	0	0	-	0	0
Computer Science	7	3	0	-	0	0	7	3	0	-	0	0
LIFE SCIENCES	508	416	464	-	607I	680I	508	416	464	-	607I	680I
Agricultural Sciences	460	344	274	-	358I	401I	460	344	274	-	358I	401I
Biological Sciences	0	39	102	-	134I	150I	0	39	102	-	134I	150I
Medical Sciences	48	33	88	-	115I	129I	48	33	88	-	115I	129I
Life Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENCES	0	53	41	-	53I	60I	0	53	41	-	53I	60I
Economics	0	0	41	-	53I	60I	0	0	41	-	53I	60I
Political Science	0	0	0	-	0	0	0	0	0	-	0	0
Sociology	0	0	0	-	0	0	0	0	0	-	0	0
Social Sci., n.e.c.	0	53	0	-	0	0	0	53	0	-	0	0
OTHER SCIENCES, n.e.c.	96	0	23	-	0	0	96	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	638	705	596	-	749I	839I
Federal Government	638	705	573	-	749I	839I
State and Local Government	0	0	0	-	0	0
Industry	0	0	0	-	0	0
Institutional Funds	0	0	23	-	0	0
All Other Outside Sources	0	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	41	0	0I	-	0I	0I	41	0	0I	-	0I	0I
Engineering	0	0	0I	-	0	0	0	0	0I	-	0	0
Physical Sciences	9	0	0I	-	0	0	9	0	0I	-	0	0
Environmental Sciences	0	0	0I	-	0	0	0	0	0I	-	0	0
Math. & Computer Sci.	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Sciences	15	0	0I	-	0	0	15	0	0I	-	0	0
Psychology	0	0	0I	-	0	0	0	0	0I	-	0	0
Social Sciences	0	0	0I	-	0	0	0	0	0I	-	0	0
Other Sciences, n e.c.	17	0	0I	-	0	0	17	0	0I	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS									1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci	
TOTAL	2,275	2,971	2,885	4,344	5,580	6,067	3,348	3,953	1,196	819	1,938	
Department of Agriculture	1,070	1,070	967	1,063	1,365	1,470	1,609	1,763	1,167	596	0	
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0	
Department of Defense	0	0	0	0	0	0	0	0	0	0	0	
Department of Education	0	0	0	0	0	0	0	0	0	0	0	
Department of Energy	0	0	0	0	0	0	0	1,916	0	0	1,916	
Environmental Protection Agency	18	51	43	13	0	0	0	0	0	0	0	
Dept. of Health & Human Services	1,121	1,402	1,754	3,201	4,072	4,510	1,643	197	0	175	22	
National Institutes of Health	33	47	61	59	54	311	110	175	0	175	0	
ADAMHA	0	0	0	0	0	0	0	0	0	0	0	
Office of Education	1,088	1,355	1,628	3,077	3,947	4,190	1,514	0	0	0	0	
Other HHS	0	0	65	65	71	9	19	22	0	0	22	
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0	
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0	
AID	0	0	0	0	0	0	0	0	0	0	0	
Department of Labor	0	0	0	0	0	0	0	0	0	0	0	
NASA	0	63	62	67	51	51	53	29	29	0	0	
National Science Foundation	66	385	59	0	92	36	43	48	0	48	0	
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0	
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0	

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,275	2,971	2,885	4,344	5,580	6,067	3,348	3,953
Research and Development	744	830	903	917	967	986	1,084	1,196
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	2	0
Fellowships & Training Grants	18	0	0	0	0	0	0	0
General Support for Science	39	399	61	59	103	311	131	175
Other Science	386	387	228	226	492	571	598	644
Non-Science	1,088	1,355	1,693	3,142	4,018	4,199	1,533	1,938

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&O OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&O OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USOA	NASA	
TOTAL	744	850	903	917	967	986	1,084	1,196	1,167	29	0
ENGINEERING	420	51	43	13	100	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	51	0	13	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	420	0	43	0	100	0	0	0	0	0	0
PHYSICAL SCIENCES	14	0	0	0	20	0	0	0	0	0	0
Astronomy	4	0	0	0	0	0	0	0	0	0	0
Chemistry	10	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	20	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	63	62	46	29	29	30	29	0	29	0
Atmospheric Sciences	0	42	39	46	29	29	30	29	0	29	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	21	23	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	295	314	121	858	41	867	951	1,057	1,057	0	0
Biological Sciences	295	314	121	858	41	867	190	177	1,057	0	0
Medical Sciences	0	0	0	0	0	0	761	880	880	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	402	677	0	777	90	103	110	110	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	402	677	0	777	90	103	110	110	0	0
OTHER SCIENCES, n.e.c.	15	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	57	58	59I	-	59I	61I	0	0	0I	-	0I	0I
ENGINEERS	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n e c	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	9	10	10I	-	10I	11I	0	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	7	7	7I	-	7I	8I	0	0	0I	-	0I	0I
Physicists	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Physical Scientists, n e c	1	2	2I	-	2I	2I	0	0	0I	-	0I	0I
ENVIRONMENTAL SCIENTISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	8	8	9I	-	9I	9I	0	0	0I	-	0I	0I
Mathematicians	7	6	6I	-	6I	6I	0	0	0I	-	0I	0I
Computer Scientists	1	2	3I	-	3I	3I	0	0	0I	-	0I	0I
LIFE SCIENTISTS	26	26	26I	-	26I	26I	0	0	0I	-	0I	0I
Agricultural Scientists	13	13	13I	-	13I	13I	0	0	0I	-	0I	0I
Biological Scientists	13	13	13I	-	13I	13I	0	0	0I	-	0I	0I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENTISTS	14	14	14I	-	14I	15I	0	0	0I	-	0I	0I
Economists	2	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Political Scientists	4	4	4I	-	4I	5I	0	0	0I	-	0I	0I
Sociologists	5	5	5I	-	5I	5I	0	0	0I	-	0I	0I
Social Scientists, n e c	3	3	3I	-	3I	3I	0	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	33	34	35I	-	35I	36I	0	0	0I	-	0I	0I
FIRST PROFESSIONAL	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S	24	0	0I	-	0	0	0	0	0I	-	0	0
BACHELOR'S (or equivalent)	0	24	24I	-	24I	25I	0	0	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	46	47I	-	48I	50I	12	12I	-	11I	11I
Engineers	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists	7	7I	-	8I	9I	3	3I	-	2I	2I
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	7	8I	-	8I	8I	1	1I	-	1I	1I
Life Scientists	21	21I	-	21I	21I	5	5I	-	5I	5I
Psychologists	0	0I	-	0	0	0	0I	-	0	0
Social Scientists	11	11I	-	11I	12I	3	3I	-	3I	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	449	420	728	1,294	1,432	1,722	594	1,005	0	0	1,005
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,005	0	0	1,005
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	449	420	728	1,294	1,432	1,722	497	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	449	420	728	1,294	1,432	1,722	497	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	97	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	449	420	728	1,294	1,432	1,722	594	1,005
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	97	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	449	420	728	1,294	1,432	1,722	497	1,005

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	161	15	151	-	151	151	01	0	01	-	01	01
ENGINEERS	31	0	01	-	0	0	01	0	01	-	0	0
Aeronautical & Astronautical Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Chemical Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Civil Engineers	11	0	01	-	0	0	01	0	01	-	0	0
Electrical Engineers	11	0	01	-	0	0	01	0	01	-	0	0
Mechanical Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Engineers, n e c	11	0	01	-	0	0	01	0	01	-	0	0
PHYSICAL SCIENTISTS	31	2	21	-	21	21	01	0	01	-	01	01
Astronomers	01	-	0	-	0	0	01	0	0	-	0	0
Chemists	21	1	11	-	11	11	01	0	01	-	01	01
Physicists	11	1	11	-	11	11	01	0	01	-	01	01
Physical Scientists, n.e.c	01	0	01	-	0	0	01	0	01	-	0	0
ENVIRONMENTAL SCIENTISTS	01	0	01	-	0	0	01	0	01	-	0	0
Atmospheric Scientists	01	0	01	-	0	0	01	0	01	-	0	0
Earth Scientists	01	0	01	-	0	0	01	0	01	-	0	0
Oceanographers	01	0	01	-	0	0	01	0	01	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	21	3	31	-	31	31	01	0	01	-	01	01
Mathematicians	21	3	31	-	31	31	01	0	01	-	01	01
Computer Scientists	01	0	01	-	0	0	01	0	01	-	0	0
LIFE SCIENTISTS	41	3	31	-	31	31	01	0	01	-	01	01
Agricultural Scientists	11	0	01	-	0	0	01	0	01	-	0	0
Biological Scientists	31	3	31	-	31	31	01	0	01	-	01	01
Medical Scientists	01	0	01	-	0	0	01	0	01	-	0	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	11	2	21	-	21	21	01	0	01	-	01	01
SOCIAL SCIENTISTS	31	5	51	-	51	51	01	0	01	-	01	01
Economists	01	1	11	-	11	11	01	0	01	-	01	01
Political Scientists	11	1	11	-	11	11	01	0	01	-	01	01
Sociologists	11	2	21	-	21	21	01	0	01	-	01	01
Social Scientists, n e c	11	1	11	-	11	11	01	0	01	-	01	01

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	3I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
FIRST PROFESSIONAL	1I	0	0I	-	0	0	0I	0	0I	-	0	0
MASTER'S	10I	14	14I	-	14I	14I	0I	0	0I	-	0I	0I
BACHELOR'S (or equivalent)	2I	0	0I	-	0	0	0I	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	13	13I	-	13I	13I	2	2I	-	2I	2I
Engineers	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists	2	2I	-	2I	2I	0	0I	-	0I	0I
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	2	2I	-	2I	2I	1	1I	-	1I	1I
Life Scientists	3	3I	-	3I	3I	0	0I	-	0I	0I
Psychologists	1	1I	-	1I	1I	1	1I	-	1I	1I
Social Scientists	5	5I	-	5I	5I	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/26/82

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\* INSTITUTIONAL PROFILE \*  
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\* 002410 \*  
\*  
\* JACKSON STATE UNIVERSITY \*  
\*  
\* Public Master's-Granting \*  
\*  
\* CARNEGIE COUNCIL CATEGORY: 2.1 \*  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges  
NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF-NIH Survey of Graduate Science Students and Postdoctorates  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
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Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	540	430	378	-	511	996	540	404	378	-	494	818
ENGINEERING	0	0	0	-	21	211	0	0	0	-	01	01
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	51	-	-	-	-	-	01
Electrical	-	-	-	-	-	21	-	-	-	-	-	01
Mechanical	-	-	-	-	-	41	-	-	-	-	-	01
Engineering, n.e.c.	-	-	-	-	-	101	-	-	-	-	-	01
PHYSICAL SCIENCES	314	279	260	-	3421	5921	314	278	260	-	3391	5611
Astronomy	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry	313	250	260	-	3411	5821	313	249	260	-	3391	5611
Physics	1	0	0	-	11	101	1	0	0	-	01	01
Physical Sci., n.e.c.	0	29	0	-	0	0	0	29	0	-	0	0
ENVIRONMENTAL SCIENCES	0	0	0	-	21	211	0	0	0	-	01	01
Atmospheric Sciences	-	-	-	-	-	11	-	-	-	-	-	01
Earth Sciences	-	-	-	-	-	91	-	-	-	-	-	01
Oceanographic Sci.	-	-	-	-	-	41	-	-	-	-	-	01
Env't'l Sci., n.e.c.	-	-	-	-	-	71	-	-	-	-	-	01
MATH. & COMPUTER SCI.	151	43	20	-	281	561	151	43	20	-	271	451
Mathematics	76	0	20	-	271	451	76	0	20	-	271	451
Computer Science	75	43	0	-	11	111	75	43	0	-	01	01
LIFE SCIENCES	45	53	61	-	851	1851	45	28	61	-	801	1321
Agricultural Sciences	0	0	0	-	21	221	0	0	0	-	01	01
Biological Sciences	0	53	61	-	821	1531	0	28	61	-	801	1321
Medical Sciences	0	0	0	-	11	101	0	0	0	-	01	01
Life Sci., n.e.c.	45	0	0	-	0	0	45	0	0	-	0	0
PSYCHOLOGY	0	0	2	-	21	41	0	0	2	-	21	41
SOCIAL SCIENCES	30	55	35	-	491	1071	30	55	35	-	461	761
Economics	0	0	0	-	0	0	0	0	0	-	0	0
Political Science	19	55	35	-	461	761	19	55	35	-	461	761
Sociology	11	0	0	-	11	101	11	0	0	-	01	01
Social Sci., n.e.c.	0	0	0	-	21	211	0	0	0	-	01	01
OTHER SCIENCES, n.e.c.	0	0	0	-	11	101	0	0	0	-	01	01

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SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	540	430	378	-	511	996
Federal Government	540	404	378	-	494	818
State and Local Government	0	0	0	-	0	32
Industry	0	26	0	-	0	56
Institutional Funds	0	0	0	-	17	18
All Other Outside Sources	0	0	0	-	0	72

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

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FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	0	0	01	-	01	01	0	0	01	-	01	01
Engineering	0	0	01	-	0	0	0	0	01	-	0	0
Physical Sciences	0	0	01	-	0	0	0	0	01	-	0	0
Environmental Sciences	0	0	01	-	0	0	0	0	01	-	0	0
Math. & Computer Sci.	0	0	01	-	0	0	0	0	01	-	0	0
Life Sciences	0	0	01	-	0	0	0	0	01	-	0	0
Psychology	0	0	01	-	0	0	0	0	01	-	0	0
Social Sciences	0	0	01	-	0	0	0	0	01	-	0	0
Other Sciences, n.e.c.	0	0	01	-	0	0	0	0	01	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Dthr Sci	Non-Sci
TOTAL	2,644	5,347	4,645	5,679	11,013	11,370	3,465	12,719	528	1,076	11,115
Department of Agriculture	0	0	6	0	0	4	140	0	0	0	0
Department of Commerce	3	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	125	125	0	0
Department of Energy	0	2	0	0	0	50	100	11,226	251	74	10,901
Environmental Protection Agency	0	0	0	0	66	0	0	107	99	0	8
Dept. of Health & Human Services	2,167	4,685	4,518	5,611	10,576	10,980	2,872	0	0	0	0
National Institutes of Health	100	106	127	205	433	470	658	1,098	0	892	206
ADAMHA	0	0	173	217	108	65	116	892	0	892	0
Office of Education	2,067	4,579	4,218	5,079	9,956	10,153	1,938	137	0	0	137
Other HHS	0	0	0	110	79	292	160	69	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	69
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	41	68	97	68	78	31	154	53	53	0	0
National Science Foundation	433	592	24	0	293	305	199	110	0	110	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,644	5,347	4,645	5,679	11,013	11,370	3,465	12,719
Research and Development	202	307	200	165	144	381	404	528
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	11	0	0	0	0	0	11
Fellowships & Training Grants	12	29	0	110	79	142	257	183
General Support for Science	306	421	127	205	690	505	608	809
Other Science	57	0	0	0	36	57	105	73
Non-Science	2,067	4,579	4,318	5,199	10,064	10,285	2,091	11,115

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	ED	DOJ	DOE
TOTAL	202	307	200	165	144	381	404	528	251	125	99
ENGINEERING	0	22	22	23	26	50	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	22	22	23	26	50	0	0	0	0	0
PHYSICAL SCIENCES	13	0	24	0	0	116	100	0	0	0	0
Astronomy	0	0	0	0	0	36	0	0	0	0	0
Chemistry	13	0	24	0	0	80	100	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	46	75	45	52	31	154	178	0	125	0
Atmospheric Sciences	0	0	0	0	0	0	0	33	0	33	0
Geological Sciences	0	0	0	0	0	0	94	0	0	0	0
Oceanography	0	0	0	0	0	0	0	92	0	92	0
Environmental Sciences, n.e.c.	0	46	75	45	52	31	60	53	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	23	0	6	0	66	38	140	251	251	0	0
Biological Sciences	23	0	6	0	66	38	140	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	251	251	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	21	0	73	97	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	41	0	0	0	146	10	69	0	0	69
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	20	0	0	0	0	0	0	0	0	0
Sociology	0	21	0	0	0	0	0	69	0	0	69
Social Sciences, n.e.c.	0	0	0	0	0	146	10	0	0	0	0
OTHER SCIENCES, n.e.c.	145	198	0	0	0	0	0	30	0	0	30

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	129	122	-	112	94	23	30	0	4	31
Men	-	-	-	69	52	-	-	-	3	19
Women	-	-	-	43	42	-	-	-	1	12
First Year	-	-	-	76	56	-	-	-	-	-
Beyond First Year	-	-	-	36	38	-	-	-	-	-
U.S. Citizens	-	-	-	94	88	-	-	0	-	-
Foreign	-	-	-	18	6	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	23	14	-	7	8	9	8	0	0	2
Environmental Sciences	0	2	-	1	2	0	2	0	0	2
Math. & Computer Sciences	51	20	-	27	13	7	7	0	0	5
Life Sciences	29	27	-	23	12	2	4	0	1	10
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	26	59	-	54	59	5	9	0	3	12

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	95	110	-	97	98
Engineering	0	0	-	0	0
Physical Sciences	13	13	-	7	4
Environmental Sciences	0	0	-	0	2
Math. & Computer Sciences	43	35	-	27	16
Life Sciences	20	28	-	15	25
Psychology	0	0	-	0	0
Social Sciences	19	34	-	48	51

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

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POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPDRT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPDRT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	2	9
Federal Support	-	-	-	1	9
Institutional Support	-	-	-	1	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	4	1
Federal Support	-	-	-	0	1
Institutional Support	-	-	-	4	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	19	2
Federal Support	-	-	-	0	2
Institutional Support	-	-	-	19	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	87	82
Federal Support	-	-	-	3	19
Institutional Support	-	-	-	3	48
Other Outside Support	-	-	-	3	0
Self-Support	-	-	-	78	15

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	105	125	148	-	125	112	8	20	15	-	15	16
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	18	18	21	-	20	21	3	1	4	-	0	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	10	11	13	-	15	15	1	0	0	-	0	0
Physicists	2	2	3	-	5	6	0	0	0	-	0	0
Physical Scientists, n.e.c.	6	5	5	-	0	0	2	1	4	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	1	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	1	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	22	23	31	-	26	28	0	6	3	-	4	4
Mathematicians	17	17	23	-	19	21	0	6	3	-	4	4
Computer Scientists	5	6	8	-	7	7	0	0	1	-	0	0
LIFE SCIENTISTS	15	16	17	-	24	17	2	3	3	-	2	1
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	15	16	17	-	17	17	2	3	3	-	2	1
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	7	0	-	-	0	-	0	0
PSYCHOLOGISTS	14	17	20	-	12	11	0	4	2	-	0	2
SOCIAL SCIENTISTS	35	51	59	-	43	34	3	6	3	-	9	9
Economists	8	7	7	-	6	6	0	1	0	-	1	0
Political Scientists	10	8	12	-	10	11	1	2	0	-	0	0
Sociologists	11	11	11	-	8	11	0	0	0	-	2	3
Social Scientists, n.e.c.	7	25	29	-	19	6	2	3	3	-	6	6

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

INSTITUTIONAL PROFILE: 002410 JACKSON STATE UNIVERSITY

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	69	91	104	-	88I	81	1	3	1	-	11I	4
FIRST PROFESSIONAL	2	0	0	-	0I	0	1	2	1	-	1I	0
MASTER'S	33	34	44	-	37I	28	6	14	13	-	13I	8
BACHELOR'S (or equivalent)	1	0	0	-	0	3	0	1	0	-	0	4

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	98	114	-	97	85	27	34	-	28	27
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	16	18	-	16	15	2	3	-	4	6
Environmental Scientists	0	0	-	0	1	0	0	-	0	0
Mathematical & Computer Scientists	18	24	-	22	22	5	7	-	4	6
Life Scientists	14	14	-	23	15	2	3	-	1	2
Psychologists	13	13	-	10	9	4	7	-	2	2
Social Scientists	37	45	-	26	23	14	14	-	17	11

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,118	1,592	463	1,108	1,195	1,146	743	1,183	0	179	1,004
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,004	0	0	1,004
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	610	1,510	463	930	1,195	1,146	743	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
AOAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	610	1,510	463	930	1,195	1,121	743	0	0	0	0
Other HHS	0	0	0	0	0	25	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	60	82	0	178	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	179	0	179	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,118	1,592	463	1,108	1,195	1,146	743	1,183
Research and Development	54	82	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	6	0	0	178	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	1,058	1,510	463	930	1,195	1,146	743	1,004

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	13	13	13I	-	12I	12I	0	0	0I	-	0I	0I
ENGINEERS	1	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	1	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	3	3	3I	-	3I	3I	0	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	2	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Physicists	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Physical Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	4	4I	-	4I	4I	0	0	0I	-	0I	0I
Mathematicians	2	3	3I	-	3I	3I	0	0	0I	-	0I	0I
Computer Scientists	0	1	1I	-	1I	1I	0	0	0I	-	0I	0I
LIFE SCIENTISTS	3	3	3I	-	3I	3I	0	0	0I	-	0I	0I
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	3	3	3I	-	3I	3I	0	0	0I	-	0I	0I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	1	1I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENTISTS	3	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Economists	0	0	0I	-	0	0	0	0	0I	-	0	0
Political Scientists	1	0	0I	-	0	0	0	0	0I	-	0	0
Sociologists	2	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Social Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges:

INSTITUTIONAL PROFILE: 002412 MARY HOLMES COLLEGE

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	3	2	2I	-	2I	2I	0	0	0I	-	0I	0I
FIRST PROFESSIONAL .....	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S .....	10	10	10I	-	9I	9I	0	0	0I	-	0I	0I
BACHELOR'S (or equivalent) .....	0	1	1I	-	1I	1I	0	0	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	11	11I	-	10I	10I	2	2I	-	2I	2I
Engineers .....	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists .....	3	3I	-	3I	3I	0	0I	-	0I	0I
Environmental Scientists .....	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists ..	4	4I	-	4I	4I	0	0I	-	0I	0I
Life Scientists .....	1	1I	-	1I	1I	2	2I	-	2I	2I
Psychologists .....	1	1I	-	0	0	0	0I	-	0	0
Social Scientists .....	2	2I	-	2I	2I	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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* INSTITUTIONAL PROFILE *  
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* MISSISSIPPI INDUSTRIAL COLLEGE *  
* Private Bachelor's-Granting *  
* CARNEGIE COUNCIL CATEGORY: 3.2 *  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

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National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	146	306	493	554	611	579	1,135	781	0	164	617
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	589	0	0	589
Environmental Protection Agency	0	0	0	0	0	0	0	28	0	0	28
Dept. of Health & Human Services	144	146	290	554	591	559	954	122	0	122	0
National Institutes of Health	0	0	0	64	66	59	57	122	0	122	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	144	146	290	490	525	500	897	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	2	160	203	0	20	20	181	42	0	42	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	146	306	493	554	611	579	1,135	781
Research and Development	2	0	0	0	20	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	160	0	64	66	59	238	122
Other Science	0	0	203	0	0	20	0	42
Non-Science	144	146	290	490	525	500	897	617

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.





INSTITUTIONAL PROFILE: 002424 MISSISSIPPI VALLEY STATE UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980.  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS									1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci	
TOTAL	1,124	2,235	2,427	3,347	5,206	4,656	3,679	3,961	49	23	3,889	
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0	
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0	
Department of Defense	0	61	0	0	0	0	0	0	0	0	0	
Department of Education	0	0	0	0	0	0	0	0	0	0	0	
Department of Energy	0	0	0	0	0	0	0	3,553	0	0	3,553	
Environmental Protection Agency	1	0	47	41	0	0	0	0	0	0	0	
Dept. of Health & Human Services	1,075	2,081	2,065	3,306	5,206	4,624	3,679	336	0	0	336	
National Institutes of Health	45	0	0	0	0	0	0	0	0	0	0	
ADAMHA	7	2	0	0	0	0	50	90	0	0	90	
Office of Education	1,023	1,774	1,839	3,105	5,016	4,384	3,416	0	0	0	0	
Other HHS	0	305	226	201	190	240	213	246	0	0	246	
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0	
Department of the Interior	0	0	0	0	0	0	0	49	49	0	0	
AID	0	0	0	0	0	0	0	0	0	0	0	
Department of Labor	0	0	0	0	0	0	0	0	0	0	0	
NASA	0	20	24	0	0	0	0	0	0	0	0	
National Science Foundation	48	73	291	0	0	32	0	23	0	23	0	
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0	
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0	

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,124	2,235	2,427	3,347	5,206	4,656	3,679	3,961
Research and Development	22	83	51	21	0	32	0	49
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	1	0	20	20	0	88	0	0
General Support for Science	0	1	0	0	0	0	0	0
Other Science	33	72	291	0	0	0	0	23
Non-Science	1,088	2,079	2,065	3,306	5,206	4,536	3,679	3,889

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	INT		
TOTAL	22	83	51	21	-	32	-	49	49	0	0
ENGINEERING	0	61	27	0	-	0	-	0	0	0	0
Aeronautical	0	0	27	0	-	0	-	0	0	0	0
Astronautical	0	0	0	0	-	0	-	0	0	0	0
Chemical	0	0	0	0	-	0	-	0	0	0	0
Civil	0	0	0	0	-	0	-	0	0	0	0
Electrical	0	0	0	0	-	0	-	0	0	0	0
Mechanical	0	0	0	0	-	0	-	0	0	0	0
Metallurgy and Materials	0	61	0	0	-	0	-	0	0	0	0
Engineering, n.e.c.	0	0	0	0	-	0	-	0	0	0	0
PHYSICAL SCIENCES	0	0	0	0	-	32	-	0	0	0	0
Astronomy	0	0	0	0	-	0	-	0	0	0	0
Chemistry	0	0	0	0	-	32	-	0	0	0	0
Physics	0	0	0	0	-	0	-	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	-	0	-	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	-	0	-	0	0	0	0
Atmospheric Sciences	0	0	0	0	-	0	-	0	0	0	0
Geological Sciences	0	0	0	0	-	0	-	0	0	0	0
Oceanography	0	0	0	0	-	0	-	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	-	0	-	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	-	0	-	0	0	0	0
LIFE SCIENCES	0	20	24	21	-	0	-	49	49	0	0
Biological Sciences	0	20	24	21	-	0	-	0	0	0	0
Medical Sciences	0	0	0	0	-	0	-	49	49	0	0
Life Sciences, n.e.c.	0	0	0	0	-	0	-	0	0	0	0
PSYCHOLOGY	0	0	0	0	-	0	-	0	0	0	0
SOCIAL SCIENCES	7	2	0	0	-	0	-	0	0	0	0
Economics	0	0	0	0	-	0	-	0	0	0	0
Political Science	0	0	0	0	-	0	-	0	0	0	0
Sociology	0	0	0	0	-	0	-	0	0	0	0
Social Sciences, n.e.c.	7	2	0	0	-	0	-	0	0	0	0
OTHER SCIENCES, n.e.c.	15	0	0	0	-	0	-	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 002424 MISSISSIPPI VALLEY STATE UNIVERSITY

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	43	52	39	-	391	51	1	1	2	-	21	4
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	5	5	7	-	71	8	0	0	0	-	01	0
Astronomers	-	-	0	-	0	0	0	0	0	-	01	0
Chemists	4	3	4	-	41	6	0	0	0	-	01	0
Physicists	1	2	3	-	31	2	0	0	0	-	01	0
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	3	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	3	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	12	14	12	-	121	13	0	0	0	-	01	1
Mathematicians	10	11	8	-	81	9	0	0	0	-	01	1
Computer Scientists	2	3	4	-	41	4	0	0	0	-	01	0
LIFE SCIENTISTS	15	17	11	-	111	7	1	1	0	-	01	2
Agricultural Scientists	0	1	0	-	0	0	0	0	0	-	0	0
Biological Scientists	15	16	11	-	111	6	0	0	0	-	01	2
Medical Scientists	0	0	0	-	0	1	1	-	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENTISTS	11	16	9	-	91	20	0	0	2	-	21	1
Economists	2	2	0	-	0	1	0	0	0	-	0	0
Political Scientists	4	2	4	-	41	4	0	0	0	-	01	0
Sociologists	4	7	4	-	41	3	0	0	2	-	21	0
Social Scientists, n.e.c.	1	5	1	-	11	12	0	0	0	-	01	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	24	28	22	-	22	27	0	0	0	-	0	2
FIRST PROFESSIONAL .....	0	1	1	-	1	3	1	1	2	-	2	0
MASTER'S .....	19	22	16	-	16	20	0	0	0	-	0	2
BACHELOR'S (or equivalent) .....	0	1	0	-	0	1	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	44	32	-	32	43	8	7	-	7	8
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	5	6	-	6	7	0	1	-	1	1
Environmental Scientists .....	0	0	-	0	3	0	0	-	0	0
Mathematical & Computer Scientists .....	10	10	-	10	11	4	2	-	2	2
Life Scientists .....	16	10	-	10	6	1	1	-	1	1
Psychologists .....	0	0	-	0	0	0	0	-	0	0
Social Scientists .....	13	6	-	6	16	3	3	-	3	4

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS									1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci	
TOTAL	27	42	18	187	16	49	23	0	0	0	0	
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0	
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0	
Department of Defense	0	0	0	0	0	0	0	0	0	0	0	
Department of Education	0	0	0	0	0	0	0	0	0	0	0	
Department of Energy	0	0	0	0	0	0	0	0	0	0	0	
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0	
Dept. of Health & Human Services	27	42	18	12	16	49	23	0	0	0	0	
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0	
ADAMHA	0	0	0	0	0	0	0	0	0	0	0	
Office of Education	27	42	18	12	16	49	23	0	0	0	0	
Other HHS	0	0	0	0	0	0	0	0	0	0	0	
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0	
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0	
AID	0	0	0	0	0	0	0	0	0	0	0	
Department of Labor	0	0	0	0	0	0	0	0	0	0	0	
NASA	0	0	0	0	0	0	0	0	0	0	0	
National Science Foundation	0	0	0	175	0	0	0	0	0	0	0	
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0	
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0	

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	27	42	18	187	16	49	23	0
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	175	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	27	42	18	12	16	49	23	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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* INSTITUTIONAL PROFILE *  
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* 002432 *  
* PRENTISS NORMAL AND INDUSTRIAL INSTITUTE *  
* Private Two-Year Program *  
* CARNEGIE COUNCIL CATEGORY: 4.1 *  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000



INSTITUTIONAL PROFILE: 002432 PRENTISS NORMAL AND INDUSTRIAL INSTITUTE

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	121	506	224	255	189	400	243	279	0	0	279
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	279	0	0	279
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	121	299	224	255	189	400	243	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
AOAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	121	299	224	255	189	400	243	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	207	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	121	506	224	255	189	400	243	279
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	207	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	121	299	224	255	189	400	243	279

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 002432 PRENTISS NORMAL AND INDUSTRIAL INSTITUTE

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	10I	10I	2	-	2I	2I	0I	0I	2	-	2I	2I
ENGINEERS	1I	2I	0	-	0	0	0I	0I	0	-	0	0
Aeronautical & Astronautical Engineers	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Chemical Engineers	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Civil Engineers	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Electrical Engineers	0I	1I	0	-	0	0	0I	0I	0	-	0	0
Mechanical Engineers	0I	1I	0	-	0	0	0I	0I	0	-	0	0
Engineers, n.e.c.	0I	0I	0	-	0	0	0I	0I	0	-	0	0
PHYSICAL SCIENTISTS	1I	1I	1	-	1I	1I	0I	0I	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	-	-	0I	0I
Chemists	0I	0I	1	-	1I	1I	0I	0I	0	-	0	0
Physicists	1I	1I	0	-	0	0	0I	0I	0	-	0I	0I
Physical Scientists, n.e.c.	0I	0I	0	-	0	0	0I	0I	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1I	1I	0	-	0	0	0I	0I	0	-	0	0
Atmospheric Scientists	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Earth Scientists	1I	1I	0	-	0	0	0I	0I	0	-	0	0
Oceanographers	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	1I	2I	0	-	0I	0I	0I	0I	2	-	2I	2I
Mathematicians	1I	2I	0	-	0I	0I	0I	0I	2	-	2I	2I
Computer Scientists	0I	0I	0	-	0	0	0I	0I	0	-	0	0
LIFE SCIENTISTS	4I	2I	1	-	1I	1I	0I	0I	0	-	0I	0I
Agricultural Scientists	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Biological Scientists	2I	2I	1	-	1I	1I	0I	0I	0	-	0I	0I
Medical Scientists	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1I	1I	0	-	0	0	0I	0I	0	-	0	0
SOCIAL SCIENTISTS	1I	1I	0	-	0	0	0I	0I	0	-	0	0
Economists	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Political Scientists	0I	1I	0	-	0	0	0I	0I	0	-	0	0
Sociologists	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Social Scientists, n.e.c.	1I	0I	0	-	0	0	0I	0I	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	3I	3I	0	-	0	0	0I	0I	0	-	0	0
FIRST PROFESSIONAL .....	0I	0I	0	-	0	0	0I	0I	0	-	0	0
MASTER'S .....	6I	7I	2	-	2I	2I	0I	0I	2	-	2I	2I
BACHELOR'S (or equivalent) .....	1I	0I	0	-	0	0	0I	0I	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	8I	1	-	1I	1I	2I	1	-	1I	1I
Engineers .....	2I	0	-	0	0	0I	0	-	0	0
Physical Scientists .....	1I	0	-	0I	0I	0I	1	-	1I	1I
Environmental Scientists .....	0I	0	-	0	0	1I	0	-	0	0
Mathematical & Computer Scientists ..	2I	0	-	0I	0I	0I	0	-	0I	0I
Life Scientists .....	1I	1	-	1I	1I	1I	0	-	0I	0I
Psychologists .....	1I	0	-	0	0	0I	0	-	0	0
Social Scientists .....	1I	0	-	0	0	0I	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	876	2,269	1,822	1,543	1,795	2,401	278	1,758	0	0	1,758
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,758	0	0	1,758
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	842	2,264	1,822	1,543	1,795	2,401	278	0	0	0	0
National Institutes of Health	46	49	50	50	0	0	0	0	0	0	0
AOAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	796	1,998	1,658	1,429	1,731	2,401	278	0	0	0	0
Other HHS	0	217	114	64	64	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	34	5	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	876	2,269	1,822	1,543	1,795	2,401	278	1,758
Research and Development	8	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	22	0	0	0	0	0	0	0
General Support for Science	50	54	50	50	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	796	2,215	1,772	1,493	1,795	2,401	278	1,758

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	16	16	16	-	16	17	2	2	2	-	2	2
ENGINEERS	0	1	1	-	1	1	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	1	1	-	1	1	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	4	3	3	-	3	3	0	0	0	-	0	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	2	2	2	-	2	2	0	0	0	-	0	0
Physicists	1	1	1	-	1	1	0	0	0	-	0	0
Physical Scientists, n.e.c.	1	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3	3	3	-	3	3	0	1	1	-	1	1
Mathematicians	3	3	3	-	3	3	0	0	0	-	0	0
Computer Scientists	0	0	0	-	0	0	0	1	1	-	1	1
LIFE SCIENTISTS	4	2	2	-	2	3	1	0	0	-	0	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	4	2	2	-	2	3	1	0	0	-	0	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	2	2	-	2	2	0	1	1	-	1	1
SOCIAL SCIENTISTS	5	5	5	-	5	5	1	0	0	-	0	0
Economists	0	1	1	-	1	1	0	0	0	-	0	0
Political Scientists	2	2	2	-	2	2	0	0	0	-	0	0
Sociologists	2	2	2	-	2	2	1	0	0	-	0	0
Social Scientists, n.e.c.	1	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	6	11I	11I	-	11I	12I	1	1I	1I	-	1I	1I
FIRST PROFESSIONAL .....	0	0I	0I	-	0	0	0	0I	0I	-	0	0
MASTER'S .....	10	4I	4I	-	4I	4I	1	1I	1I	-	1I	1I
BACHELDR'S (or equivalent) .....	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	13I	13I	-	13I	14I	3I	3I	-	3I	3I
Engineers .....	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Physical Scientists .....	3I	3I	-	3I	3I	0I	0I	-	0I	0I
Environmental Scientists .....	0I	0I	-	0	0	0I	0I	-	0	0
Mathematical & Computer Scientists ..	3I	3I	-	3I	3I	0I	0I	-	0I	0I
Life Scientists .....	1I	1I	-	1I	2I	1I	1I	-	1I	1I
Psychologists .....	1I	1I	-	1I	1I	1I	1I	-	1I	1I
Social Scientists .....	4I	4I	-	4I	4I	1I	1I	-	1I	1I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	998	1,774	1,668	3,039	1,646	2,722	1,232	1,880	0	322	1,558
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,225	0	0	1,225
Environmental Protection Agency	0	0	0	0	0	0	0	36	0	0	36
Dept. of Health & Human Services	989	1,774	1,668	3,039	1,602	2,396	1,184	547	0	250	297
National Institutes of Health	55	73	51	49	100	168	176	189	0	189	0
AOAMHA	0	0	0	0	0	68	83	79	0	0	79
Office of Education	934	1,492	1,403	2,883	1,292	1,948	649	0	0	0	0
Other HHS	0	209	214	107	210	212	276	279	0	61	218
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	9	0	0	0	44	326	48	72	0	72	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	998	1,774	1,668	3,039	1,646	2,722	1,232	1,880
Research and Development	9	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	10	0	0
Fellowships & Training Grants	0	0	0	0	53	66	119	122
General Support for Science	55	73	51	49	58	374	113	128
Other Science	0	0	0	0	33	44	48	72
Non-Science	934	1,701	1,617	2,990	1,502	2,228	952	1,558

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	30I	23	23I	-	23I	24I	1I	0	0I	-	0I	0I
ENGINEERS	1I	0	0I	-	0	0	0I	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Chemical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Civil Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Electrical Engineers	1I	0	0I	-	0	0	0I	0	0I	-	0	0
Mechanical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Engineers, n.e.c.	0I	0	0I	-	0	0	0I	0	0I	-	0	0
PHYSICAL SCIENTISTS	5I	5	5I	-	5I	6I	0I	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3I	3	3I	-	3I	4I	0I	0	0I	-	0I	0I
Physicists	1I	2	2I	-	2I	2I	0I	0	0I	-	0I	0I
Physical Scientists, n.e.c.	1I	0	0I	-	0	0	0I	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Atmospheric Scientists	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Earth Scientists	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Oceanographers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	4I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I
Mathematicians	4I	3	3I	-	3I	3I	0I	0	0I	-	0I	0I
Computer Scientists	0I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
LIFE SCIENTISTS	6I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I
Agricultural Scientists	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Biological Scientists	5I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I
Medical Scientists	1I	0	0I	-	0	0	0I	0	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	5I	2	2I	-	2I	2I	0I	0	0I	-	0I	0I
SOCIAL SCIENTISTS	9I	8	8I	-	8I	8I	1I	0	0I	-	0I	0I
Economists	2I	3	3I	-	3I	3I	0I	0	0I	-	0I	0I
Political Scientists	3I	0	0I	-	0	0	0I	0	0I	-	0	0
Sociologists	3I	3	3I	-	3I	3I	1I	0	0I	-	0I	0I
Social Scientists, n.e.c.	1I	2	2I	-	2I	2I	0I	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	18I	14	14I	-	14I	15I	1I	0	0I	-	0I	0I
FIRST PROFESSIONAL .....	1I	0	0I	-	0	0	0I	0	0I	-	0	0
MASTER'S .....	10I	8	8I	-	8I	8I	0I	0	0I	-	0I	0I
BACHELOR'S (or equivalent) .....	1I	1E	1I	-	1I	1I	0I	0	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	19	19I	-	19I	20I	4	4I	-	4I	4I
Engineers .....	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists .....	5	5I	-	5I	6I	0	0I	-	0I	0I
Environmental Scientists .....	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists ..	4	4I	-	4I	4I	0	0I	-	0I	0I
Life Scientists .....	3	3I	-	3I	3I	1	1I	-	1I	1I
Psychologists .....	1	1I	-	1I	1I	1	1I	-	1I	1I
Social Scientists .....	6	6I	-	6I	6I	2	2I	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/25/82

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*  
* INSTITUTIONAL PROFILE *  
*  
* 002445 *  
* UTICA JUNIOR COLLEGE *  
* Public Two-Year Program *  
* CARNEGIE COUNCIL CATEGORY: 4.1 *  
*  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

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National Science Foundation  
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Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 224-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY\	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	420	927	567	1,326	1,180	1,547	1,103	1,202	0	0	1,202
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,202	0	0	1,202
Environmental Protection Agency	0	0	0	0	0	0	75	0	0	0	0
Dept. of Health & Human Services	411	927	567	1,326	1,180	1,547	743	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	411	927	567	1,326	1,180	1,547	743	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	9	0	0	0	0	0	285	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	420	927	567	1,326	1,180	1,547	1,103	1,202
Research and Development	9	0	0	0	0	0	75	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	285	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	411	927	567	1,326	1,180	1,547	743	1,202

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	14	14I	18	-	18I	19I	0	0I	0	-	0I	0I
ENGINEERS	0	2I	0	-	0	0	0	0I	0	-	0	0
Aeronautical & Astronautical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Chemical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Civil Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Electrical Engineers	0	1I	0	-	0	0	0	0I	0	-	0	0
Mechanical Engineers	0	1I	0	-	0	0	0	0I	0	-	0	0
Engineers, n.e.c.	0	0I	0	-	0	0	0	0I	0	-	0	0
PHYSICAL SCIENTISTS	2	2I	4	-	4I	4I	0	0I	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	1	1I	1	-	1I	1I	0	0I	0	-	0I	0I
Physicists	0	1I	2	-	2I	2I	0	0I	0	-	0I	0I
Physical Scientists, n.e.c.	1	0I	1	-	1I	1I	0	0I	0	-	0I	0I
ENVIRONMENTAL SCIENTISTS	0	0I	0	-	0	0	0	0I	0	-	0	0
Atmospheric Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Earth Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Oceanographers	0	0I	0	-	0	0	0	0I	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	5	3I	7	-	7I	8I	0	0I	0	-	0I	0I
Mathematicians	4	2I	5	-	5I	6I	0	0I	0	-	0I	0I
Computer Scientists	1	1I	2	-	2I	2I	0	0I	0	-	0I	0I
LIFE SCIENTISTS	2	3I	2	-	2I	2I	0	0I	0	-	0I	0I
Agricultural Scientists	0	1I	0	-	0	0	0	0I	0	-	0	0
Biological Scientists	2	2I	2	-	2I	2I	0	0I	0	-	0I	0I
Medical Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	1I	1	-	1I	1I	0	0I	0	-	0I	0I
SOCIAL SCIENTISTS	4	3I	4	-	4I	4I	0	0I	0	-	0I	0I
Economists	1	1I	1	-	1I	1I	0	0I	0	-	0I	0I
Political Scientists	1	0I	1	-	1I	1I	0	0I	0	-	0I	0I
Sociologists	1	1I	1	-	1I	1I	0	0I	0	-	0I	0I
Social Scientists, n.e.c.	1	1I	1	-	1I	1I	0	0I	0	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	1	1I	5	-	5I	5I	0	0I	0	-	0I	0I
FIRST PROFESSIONAL .....	0	0I	0	-	0	0	0	0I	0	-	0	0
MASTER'S .....	13	10I	13	-	13I	14I	0	0I	0	-	0I	0I
BACHELOR'S (or equivalent) .....	0	3I	0	-	0	0	0	0I	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	12I	14	-	14I	15I	2I	4	-	4I	4I
Engineers .....	2I	0	-	0	0	0I	0	-	0	0
Physical Scientists .....	1I	3	-	3I	3I	1I	1	-	1I	1I
Environmental Scientists .....	0I	0	-	0	0	0I	0	-	0	0
Mathematical & Computer Scientists .....	3I	6	-	6I	7I	0I	1	-	1I	1I
Life Scientists .....	2I	1	-	1I	1I	1I	1	-	1I	1I
Psychologists .....	1I	1	-	1I	1I	0I	0	-	0I	0I
Social Scientists .....	3I	3	-	3I	3I	0I	1	-	1I	1I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	122	149	313	614	1,202	1,113	311	669	0	0	669
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	669	0	0	669
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	122	148	313	614	1,202	1,092	311	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	122	148	313	614	1,202	1,092	311	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	1	0	0	0	21	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	122	149	313	614	1,202	1,113	311	669
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	1	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	21	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	122	148	313	614	1,202	1,092	311	669

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	18	18I	13	-	13I	13I	2	2I	6	-	6I	7I
ENGINEERS	0	0I	0	-	0	0	0	0I	0	-	0	0
Aeronautical & Astronautical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Chemical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Civil Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Electrical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Mechanical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Engineers, n.e.c.	0	0I	0	-	0	0	0	0I	0	-	0	0
PHYSICAL SCIENTISTS	3	2I	2	-	2I	2I	0	0I	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	1	1I	1	-	1I	1I	0	0I	0	-	0I	0I
Physicists	2	1I	1	-	1I	1I	0	0I	0	-	0I	0I
Physical Scientists, n.e.c.	0	0I	0	-	0	0	0	0I	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0I	0	-	0	0	0	0I	0	-	0	0
Atmospheric Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Earth Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Oceanographers	0	0I	0	-	0	0	0	0I	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	4	3I	5	-	5I	5I	2	0I	2	-	2I	2I
Mathematicians	4	1I	4	-	4I	4I	2	0I	2	-	2I	2I
Computer Scientists	0	2I	1	-	1I	1I	0	0I	0	-	0I	0I
LIFE SCIENTISTS	4	1I	2	-	2I	2I	0	0I	1	-	1I	1I
Agricultural Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Biological Scientists	4	1I	2	-	2I	2I	0	0I	1	-	1I	1I
Medical Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	4	3I	3	-	3I	3I	0	1I	1	-	1I	1I
SOCIAL SCIENTISTS	3	9I	1	-	1I	1I	0	1I	2	-	2I	3I
Economists	0	4I	0	-	0	0	0	0I	0	-	0	0
Political Scientists	1	2I	0	-	0I	0I	0	0I	1	-	1I	1I
Sociologists	2	3I	1	-	1I	1I	0	1I	0	-	0I	0I
Social Scientists, n.e.c.	0	0I	0	-	0I	0I	0	0I	1	-	1I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	10	14I	9	-	9I	9I	1	1I	0	-	0I	0I
FIRST PROFESSIONAL .....	0	0I	0	-	0	0	0	0I	0	-	0	0
MASTER'S .....	8	3I	4	-	4I	4I	1	1I	5	-	5I	6I
BACHELOR'S (or equivalent) .....	0	1I	0	-	0I	0I	0	0I	1	-	1I	1I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	15I	9	-	9I	9I	3I	4	-	4I	4I
Engineers .....	0I	0	-	0	0	0I	0	-	0	0
Physical Scientists .....	2I	2	-	2I	2I	0I	0	-	0I	0I
Environmental Scientists .....	0I	0	-	0	0	0I	0	-	0	0
Mathematical & Computer Scientists .....	2I	3	-	3I	3I	1I	2	-	2I	2I
Life Scientists .....	1I	2	-	2I	2I	0I	0	-	0I	0I
Psychologists .....	2I	1	-	1I	1I	1I	2	-	2I	2I
Social Scientists .....	8I	1	-	1I	1I	1I	0	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,139	2,434	2,435	2,525	5,418	2,616	2,051	2,690	1,174	722	794
Department of Agriculture	1,046	1,111	966	1,070	1,403	1,522	1,711	1,841	1,119	722	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	783	0	0	783
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,082	1,162	1,035	1,308	4,007	1,094	340	11	0	0	11
National Institutes of Health	102	88	82	110	13	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	980	1,051	940	1,187	3,979	1,083	329	0	0	0	0
Other HHS	0	23	13	11	15	11	11	11	0	0	11
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	55	55	0	0
National Science Foundation	11	161	434	147	8	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,139	2,434	2,435	2,525	5,418	2,616	2,051	2,690
Research and Development	608	677	736	791	832	882	1,014	1,174
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	8	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	81	249	82	257	13	0	0	0
Other Science	443	434	664	379	571	640	697	722
Non-Science	1,007	1,074	953	1,198	3,994	1,094	340	794

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&O OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&O OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USOA	NASA	
TOTAL	608	677	736	791	832	882	1,014	1,174	1,119	55	0
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	520	677	736	791	414	843	973	1,129	1,074	55	0
Biological Sciences	520	677	736	791	414	843	760	839	839	0	0
Medical Sciences	0	0	0	0	0	0	213	235	235	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	55	0	55	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	88	0	0	0	418	39	41	45	45	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	88	0	0	0	0	39	41	45	45	0	0
Social Sciences, n.e.c.	0	0	0	0	418	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

## SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	62	68	69I	-	69I	71I	8	5	5I	-	6I	7I
ENGINEERS	3	1	1I	-	1I	1I	1	0	0I	-	0I	0I
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	1	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Mechanical Engineers	1	0	0I	-	0	0	1	0	0I	-	0	0I
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	7	7	8I	-	8I	8I	0	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	4	4	5I	-	5I	5I	0	0	0I	-	0I	0I
Physicists	3	3	3I	-	3I	3I	0	0	0I	-	0I	0I
Physical Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	1	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	1	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	8	8	8I	-	8I	8I	1	1	1I	-	1I	2I
Mathematicians	8	8	8I	-	8I	8I	0	0	0I	-	0I	0I
Computer Scientists	0	0	0I	-	0I	0I	1	1	1I	-	1I	2I
LIFE SCIENTISTS	26	38	38I	-	38I	39I	1	0	0I	-	0I	0I
Agricultural Scientists	19	32	32I	-	32I	33I	0	0	0I	-	0I	0I
Biological Scientists	7	6	6I	-	6I	6I	1	0	0I	-	0I	0I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	7	5	5I	-	5I	5I	0	0	0I	-	0I	0I
SOCIAL SCIENTISTS	10	9	9I	-	9I	10I	5	4	4I	-	5I	5I
Economists	5	3	3I	-	3I	4I	0	1	1I	-	2I	2I
Political Scientists	3	3	3I	-	3I	3I	0	0	0I	-	0I	0I
Sociologists	2	1	1I	-	1I	1I	5	0	0I	-	0I	0I
Social Scientists, n.e.c.	0	2	2I	-	2I	2I	0	3	3I	-	3I	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	DOCTOR'S	29	32	33I	-	33I	34I	0	0	0I	-	0I
FIRST PROFESSIONAL	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S	30	28	28I	-	28I	29I	8	5	5I	-	6I	7I
BACHELOR'S (or equivalent)	3	8	8I	-	8I	8I	0	0	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	49	50I	-	50I	52I	19	19I	-	19I
Engineers	1	1I	-	1I	1I	0	0I	-	0I	0I
Physical Scientists	7	8I	-	8I	8I	0	0I	-	0I	0I
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	5	5I	-	5I	5I	3	3I	-	3I	3I
Life Scientists	24	24I	-	24I	25I	14	14I	-	14I	14I
Psychologists	4	4I	-	4I	4I	1	1I	-	1I	1I
Social Scientists	8	8I	-	8I	9I	1	1I	-	1I	1I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



2/25/82

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*  
*          INSTITUTIONAL PROFILE          *  
*  
*          002909                          *  
*          BARBER-SCOTIA COLLEGE           *  
*          Private          Bachelor's-Granting *  
*          CARNEGIE COUNCIL CATEGORY: 3.2  *  
*  
*****
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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INSTITUTIONAL PROFILE: 002909 BARBER-SCOTIA COLLEGE

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	411	953	798	1,220	1,411	1,413	1,433	751	0	91	660
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	639	0	0	639
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	410	748	798	1,220	1,411	1,236	1,317	21	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	21
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	410	748	798	1,147	1,372	1,211	1,285	0	0	0	0
Other HHS	0	0	0	73	39	25	32	21	0	0	21
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	1	205	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	177	116	91	0	91	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	411	953	798	1,220	1,411	1,413	1,433	751
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	1	205	0	0	0	177	116	0
Other Science	0	0	0	0	0	0	0	31
Non-Science	410	748	798	1,220	1,411	1,236	1,317	660

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	10	14	8	-	7	7I	4	2	5	-	1	1I
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	3	3	1	-	3	3I	0	0	2	-	0	0I
Astronomers	-	-	0	-	0	0	0	0	0	-	0	0
Chemists	1	1	0	-	1	1I	0	0	2	-	0	0I
Physicists	1	2	1	-	1	1I	0	0	0	-	0	0I
Physical Scientists, n.e.c.	1	0	0	-	1	1I	0	0	0	-	0	0I
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	2	2	-	0	0	0	0	0	-	0	0
Mathematicians	2	2	2	-	0	0	0	0	0	-	0	0
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	2	3	2	-	1	1I	1	2	2	-	1	1I
Agricultural Scientists	0	0	0	-	0	1I	0	0	0	-	0	1I
Biological Scientists	2	3	2	-	1	0	1	2	2	-	1	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENTISTS	3	6	3	-	3	3I	3	0	1	-	0	0I
Economists	2	2	1	-	1	1I	0	0	0	-	0	0I
Political Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Sociologists	1	4	2	-	2	2I	3	0	0	-	0	0I
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	1	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	4	6	2	-	4	4I	3	1	2	-	1	1I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	6	8	6	-	3	3I	1	1	3	-	0	0I
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	11	6	-	5	6I	3	2	-	2	1I
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	3	1	-	3	3I	0	0	-	0	0I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists .....	2	2	-	0	0	0	0	-	0	0
Life Scientists .....	2	1	-	0	1I	1	1	-	1	0I
Psychologists .....	0	0	-	0	0	0	0	-	0	0
Social Scientists .....	4	2	-	2	2I	2	1	-	1	1I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*
*           INSTITUTIONAL PROFILE
*
*           002911
*
*           BENNETT COLLEGE
*
* Private           Bachelor's-Granting
*
*           CARNEGIE COUNCIL CATEGORY: 3.2
*
*****

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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
 NSF Survey of Scientists and Engineers Employed at Universities and Colleges

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- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D.C. 20550  
 (202) 634-4673

Prepared by:

Moshman Associates, Inc.  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS,								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	869	2,034	1,267	787	794	799	1,458	801	0	20	781
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	609	0	0	609
Environmental Protection Agency	22	19	51	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	820	1,943	1,149	578	787	799	1,239	172	0	0	0
National Institutes of Health	29	30	30	25	12	0	0	0	0	0	172
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	791	1,685	1,069	503	725	647	1,083	0	0	0	0
Other HHS	0	228	50	50	50	152	156	172	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	172
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	43	38	7	7	0	0	0	0	0	0
National Science Foundation	27	29	29	202	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	219	20	0	20	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	869	2,034	1,267	787	794	799	1,458	801
Research and Development	22	55	82	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	3	0	0	0	0	0	0	0
Fellowships & Training Grants	27	36	7	7	7	0	0	0
General Support for Science	29	30	30	196	12	0	219	0
Other Science	0	0	29	11	0	0	0	0
Non-Science	788	1,913	1,119	513	775	799	1,239	781

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	18	19I	16	-	16I	17I	3	3I	7	-	8I	9I
ENGINEERS	0	1I	0	-	0	0	0	0I	0	-	0	0
Aeronautical & Astronautical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Chemical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Civil Engineers*	0	0I	0	-	0	0	0	0I	0	-	0	0
Electrical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Mechanical Engineers	0	1I	0	-	0	0	0	0I	0	-	0	0
Engineers, n.e.c.	0	0I	0	-	0	0	0	0I	0	-	0	0
PHYSICAL SCIENTISTS	3	3I	4	-	4I	4I	1	1I	2	-	3I	3I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	2I	2	-	2I	2I	1	0I	2	-	3I	3I
Physicists	0	1I	1	-	1I	1I	0	1I	0	-	0I	0I
Physical Scientists, n.e.c.	0	0I	1	-	1I	1I	0	0I	0	-	0I	0I
ENVIRONMENTAL SCIENTISTS	0	0I	0	-	0I	0I	1	0I	1	-	1I	1I
Atmospheric Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Earth Scientists	0	0I	0	-	0I	0I	1	0I	1	-	1I	1I
Oceanographers	0	0I	0	-	0	0	0	0I	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	5	3I	4	-	4I	4I	0	0I	1	-	1I	1I
Mathematicians	4	3I	3	-	3I	3I	0	0I	1	-	1I	1I
Computer Scientists	1	0I	1	-	1I	1I	0	0I	0	-	0I	0I
LIFE SCIENTISTS	4	4I	4	-	4I	5I	0	0I	1	-	1I	1I
Agricultural Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Biological Scientists	4	4I	4	-	4I	5I	0	0I	1	-	1I	1I
Medical Scientists	0	0I	0	-	0	0	0	0I	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	2I	1	-	1I	1I	0	1I	0	-	0I	0I
SOCIAL SCIENTISTS	6	5I	3	-	3I	3I	1	1I	2	-	2I	3I
Economists	0	2I	0	-	0I	0I	0	0I	1	-	1I	1I
Political Scientists	1	1I	0	-	0I	0I	1	0I	1	-	1I	2I
Sociologists	2	2I	2	-	2I	2I	0	1I	0	-	0I	0I
Social Scientists, n.e.c.	3	0I	1	-	1I	1I	0	0I	0	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	11	12I	12	-	12I	12I	1	0I	4	-	4I	5I
FIRST PROFESSIONAL	0	0I	0	-	0	0	0	0I	0	-	0	0
MASTER'S	7E	5I	4	-	4I	5I	2	2I	3	-	4I	4I
BACHELOR'S (or equivalent)	0	1I	0	-	0	0	0	1I	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	13I	9	-	10I	11I	5I	7	-	6I	6I
Engineers	1I	0	-	0	0	0I	0	-	0	0
Physical Scientists	2I	2	-	1	3I	1I	2	-	1I	1I
Environmental Scientists	0I	0	-	0I	0I	0I	0	-	0I	0I
Mathematical & Computer Scientists	2I	2	-	2I	2I	1I	2	-	2I	2I
Life Scientists	3I	3	-	3I	4I	1I	1	-	1I	1I
Psychologists	1I	0	-	0I	0I	1I	1	-	1I	1I
Social Scientists	4I	2	-	2I	2I	1I	1	-	1I	1I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





INSTITUTIONAL PROFILE: 002926 ELIZABETH CITY STATE UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979*	1980	R&D	Othr Sci	Non-Sci
TOTAL	904	1,485	1,326	2,374	2,824	2,415	2,089	1,788	0	100	1,688
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,688	0	0	1,688
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	726	1,414	1,301	2,354	2,824	2,415	2,089	100	0	100	0
National Institutes of Health	0	101	3	73	71	10	127	100	0	100	0
ADAMHA	0	0	0	0	0	0	0	0	0	100	0
Office of Education	726	1,313	1,298	2,281	2,753	2,405	1,962	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	25	20	0	0	0	0	0	0	0
National Science Foundation	178	71	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	904	1,485	1,326	2,374	2,824	2,415	2,089	1,788
Research and Development	0	20	25	20	0	0	0	0
R&D Plant Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	8	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	178	101	3	73	71	10	127	100
Non-Science	0	51	0	0	0	0	0	0
	718	1,313	1,298	2,281	2,753	2,405	1,962	1,688

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	40I	29	49	-	27	32	2I	10	8	-	1	9
ENGINEERS	3I	0	0	-	0	0	0I	0	0	-	1	0
Aeronautical & Astronautical Engineers	0I	0	0	-	0	0	0I	0	0	-	1	0
Chemical Engineers	1I	0	0	-	0	0	0I	0	0	-	0	0
Civil Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Electrical Engineers	1I	0	0	-	0	0	0I	0	0	-	0	0
Mechanical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Engineers, n.e.c.	1I	0	0	-	0	0	0I	0	0	-	0	0
PHYSICAL SCIENTISTS	7I	5	6	-	6	6	4I	1	0	-	0	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	4I	3	2	-	2	3	0I	0	0	-	0	0
Physicists	2I	1	2	-	3	3	0I	1	0	-	0	0
Physical Scientists, n.e.c.	1I	1	2	-	1	0	0I	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1I	2	3	-	3	4	0I	0	0	-	0	1
Atmospheric Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Earth Scientists	1I	2	3	-	3	0	0I	0	0	-	0	0
Oceanographers	0I	0	0	-	0	0	0I	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	4	-	-	0	-	0	1
MATHEMATICAL & COMPUTER SCIENTISTS	7I	4	8	-	5	5	1I	2	1	-	0	5
Mathematicians	6I	4	6	-	5	4	0I	1	0	-	0	5
Computer Scientists	1I	0	2	-	0	1	1I	1	1	-	0	0
LIFE SCIENTISTS	6I	5	7	-	6	6	0I	2	1	-	0	0
Agricultural Scientists	1I	0	0	-	0	0	0I	0	0	-	0	0
Biological Scientists	5I	5	7	-	6	6	0I	2	1	-	0	0
Medical Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	5I	3	8	-	3	5	0I	0	4	-	0	0
SOCIAL SCIENTISTS	11I	10	17	-	4	6	1I	5	2	-	0	3
Economists	3I	2	3	-	1	1	0I	0	0	-	0	0
Political Scientists	2I	1	2	-	2	2	0I	3	0	-	0	0
Sociologists	3I	3	7	-	0	1	0I	1	1	-	0	1
Social Scientists, n.e.c.	3I	4	5	-	1	2	1I	1	1	-	0	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

INSTITUTIONAL PROFILE: 002926 ELIZABETH CITY STATE UNIVERSITY

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	231	14	20	-	19	24	01	5	4	-	0	0
FIRST PROFESSIONAL .....	11	0	0	-	0	0	01	0	0	-	0	2
MASTER'S .....	151	15	26	-	8	8	21	4	3	-	1	5
BACHELOR'S (or equivalent) .....	11	0	3	-	0	0	01	1	1	-	0	2

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	19	37	-	23	26	10	12	-	4	6
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	5	6	-	5	5	0	0	-	1	1
Environmental Scientists .....	2	3	-	3	4	0	0	-	0	0
Mathematical & Computer Scientists ..	2	5	-	4	3	2	3	-	1	2
Life Scientists .....	3	5	-	4	4	2	2	-	2	2
Psychologists .....	2	4	-	3	4	1	4	-	0	1
Social Scientists .....	5	14	-	4	6	5	3	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,641	1,462	1,867	3,304	5,569	3,431	671	1,465	0	0	1,465
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,465	0	0	1,465
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,317	1,462	1,867	3,304	5,569	3,431	671	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,317	1,462	1,867	3,304	5,569	3,431	671	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,641	1,462	1,867	3,304	5,569	3,431	671	1,465
Research and Development	324	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	5	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	1,312	1,462	1,867	3,304	5,569	3,431	671	1,465

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	72	73I	39	-	41	44	4	4I	5	-	6	15
ENGINEERS	0	8I	0	-	0	0	0	0I	0	-	0	0
Aeronautical & Astronautical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Chemical Engineers	0	0I	0	-	0	0	0	0I	0	-	0	0
Civil Engineers	0	1I	0	-	0	0	0	0I	0	-	0	0
Electrical Engineers	0	2I	0	-	0	0	0	0I	0	-	0	0
Mechanical Engineers	0	2I	0	-	0	0	0	0I	0	-	0	0
Engineers, n.e.c.	0	3I	0	-	0	0	0	0I	0	-	0	0
PHYSICAL SCIENTISTS	6	12I	3	-	4	6	0	0I	0	-	0	2
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	4	6I	2	-	1	3	0	0I	0	-	0	0
Physicists	0	6I	1	-	3	3	0	0I	0	-	0	0
Physical Scientists, n.e.c.	2	0I	0	-	0	0	0	0I	0	-	0	2
ENVIRONMENTAL SCIENTISTS	1	3I	1	-	2	2	0	0I	0	-	0	0
Atmospheric Scientists	1	0I	0	-	0	0	0	0I	0	-	0	0
Earth Scientists	0	3I	1	-	2	2	0	0I	0	-	0	0
Oceanographers	0	0I	0	-	0	0	0	0I	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	12	13I	9	-	9	5	3	1I	2	-	3	4
Mathematicians	11	12I	9	-	8	5	3	1I	2	-	3	4
Computer Scientists	1	1I	0	-	1	0	0	0I	0	-	0	0
LIFE SCIENTISTS	13	11I	9	-	7	7	1	1I	1	-	0	0
Agricultural Scientists	1	1I	0	-	0	0	0	1I	0	-	0	0
Biological Scientists	9	10I	9	-	6	7	1	0I	1	-	0	0
Medical Scientists	3	0I	0	-	0	0	0	0I	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	1	0	-	-	0	-	0	0
PSYCHOLOGISTS	18	8I	3	-	2	3	0	1I	0	-	0	7
SOCIAL SCIENTISTS	22	18I	14	-	17	21	0	1I	2	-	3	2
Economists	4	4I	4	-	3	5	0	0I	0	-	2	0
Political Scientists	4	5I	3	-	10	9	0	1I	1	-	0	0
Sociologists	11	6I	7	-	4	7	0	0I	1	-	1	2
Social Scientists, n.e.c.	3	3I	0	-	0	0	0	0I	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	33	43	18	-	25	26	0	11	1	-	4	10
FIRST PROFESSIONAL	0	0	0	-	0	16	0	0	0	-	0	3
MASTER'S	36	27	21	-	16	0	3	3	4	-	2	0
BACHELOR'S (or equivalent)	3	3	0	-	0	2	1	0	0	-	0	2

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	65	33	-	34	37	8	6	-	7	7
Engineers	8	0	-	0	0	0	0	-	0	0
Physical Scientists	11	2	-	3	4	1	1	-	1	2
Environmental Scientists	3	0	-	2	2	0	1	-	0	0
Mathematical & Computer Scientists	12	9	-	7	4	1	0	-	2	1
Life Scientists	9	7	-	6	5	2	2	-	1	2
Psychologists	6	2	-	2	3	2	1	-	0	0
Social Scientists	16	13	-	14	19	2	1	-	3	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



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*           INSTITUTIONAL PROFILE           *
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*           002938                         *
*
*           JOHNSON C SMITH UNIVERSITY      *
*
*           Private                        Bachelor's-Granting *
*
*           CARNEGIE COUNCIL CATEGORY: 2.2  *
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
 NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D.C. 20550  
 (202) 634-4673

Prepared by:

Moshman Associates, Inc.  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3000

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INSTITUTIONAL PROFILE: 002936 JOHNSON C SMITH UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,038	2,772	1,744	2,094	2,816	4,503	1,016	2,051	0	300	1,751
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,751	0	0	1,751
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,038	2,562	1,744	2,094	2,804	4,318	1,001	300	0	0	0
National Institutes of Health	46	50	46	78	168	174	357	300	0	300	0
ADAMHA	0	0	0	0	0	0	0	0	0	300	0
Office of Education	972	2,490	1,698	2,016	2,636	4,144	644	0	0	0	0
Other HHS	20	22	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	210	0	0	12	.185	15	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,038	2,772	1,744	2,094	2,816	4,503	1,016	2,051
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	3	0
Fellowships & Training Grants	20	22	0	0	84	94	99	105
General Support for Science	46	260	46	78	96	265	258	195
Other Science	0	0	0	0	0	0	12	0
Non-Science	972	2,490	1,698	2,016	2,636	4,144	644	1,751

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	26I	23	26	-	26I	19	0I	1	2	-	2I	0
ENGINEERS	1I	0	0	-	0	0	0I	0	0	-	0	0
Aeronautical & Astronautical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Chemical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Civil Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Electrical Engineers	1I	0	0	-	0	0	0I	0	0	-	0	0
Mechanical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Engineers, n.e.c.	0I	0	0	-	0	0	0I	0	0	-	0	0
PHYSICAL SCIENTISTS	6I	5	6	-	6I	5	0I	0	0	-	0I	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	4I	3	5	-	5I	3	0I	0	0	-	0I	0
Physicists	2I	2	1	-	1I	2	0I	0	0	-	0I	0
Physical Scientists, n.e.c.	0I	0	0	-	0	0	0I	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1I	0	0	-	0	0	0I	0	0	-	0	0
Atmospheric Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Earth Scientists	1I	0	0	-	0	0	0I	0	0	-	0	0
Oceanographers	0I	0	0	-	0	0	0I	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3I	7	8	-	8I	10	0I	1	1	-	1I	0
Mathematicians	2I	5	6	-	6I	8	0I	1	1	-	1I	0
Computer Scientists	1I	2	2	-	2I	2	0I	0	0	-	0I	0
LIFE SCIENTISTS	5I	4	4	-	4I	4	0I	0	1	-	1I	0
Agricultural Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Biological Scientists	4I	4	4	-	4I	4	0I	0	1	-	1I	0
Medical Scientists	1I	0	0	-	0	0	0I	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	3I	3	3	-	3I	0	0I	0	0	-	0I	0
SOCIAL SCIENTISTS	7I	4	5	-	5I	0	0I	0	0	-	0I	0
Economists	2I	1	1	-	1I	0	0I	0	0	-	0I	0
Political Scientists	2I	1	2	-	2I	0	0I	0	0	-	0I	0
Sociologists	2I	2	2	-	2I	0	0I	0	0	-	0I	0
Social Scientists, n.e.c.	1I	0	0	-	0	0	0I	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	18I	14	17	-	17I	9	0I	0	0	-	0I	0
FIRST PROFESSIONAL .....	1I	0	0	-	0	0	0I	0	0	-	0	0
MASTER'S .....	7I	8	8	-	8I	10	0I	1	2	-	2I	0
BACHELOR'S (or equivalent) .....	0I	1	1	-	1I	0	0I	0	0	-	0I	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	19	23	-	23I	18	4	3	-	3I	1
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	4	5	-	5I	5	1	1	-	1I	0
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists .....	6	7	-	7I	10	1	1	-	1I	0
Life Scientists .....	3	4	-	4I	3	1	0	-	0I	1
Psychologists .....	2	2	-	2I	0	1	1	-	1I	0
Social Scientists .....	4	5	-	5I	0	0	0	-	0I	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/25/82

INSTITUTIONAL PROFILE

002942

LIVINGSTONE COLLEGE

Private

Bachelor's Granting

CARNEGIE COUNCIL CATEGORY: 3 2

Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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707

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	790	857	1,085	1,713	2,010	2,205	1,917	1,191	64	53	1,074
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,074	0	0	1,074
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	575	856	1,017	1,713	2,010	2,205	1,917	64	64	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	80	0	73	0	0	0	0	0	0	0
Office of Education	523	776	1,017	1,596	1,951	2,146	1,917	0	0	0	0
Other HHS	52	0	0	44	59	59	0	64	64	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	215	1	68	0	0	0	0	53	0	53	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	790	857	1,085	1,713	2,010	2,205	1,917	1,191
Research and Development	0	0	55	0	0	0	0	64
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	60	80	0	44	59	59	0	9
General Support for Science	215	1	0	0	0	0	0	0
Other Science	0	0	13	0	0	0	0	0
Non-Science	515	776	1,017	1,669	1,951	2,146	1,917	1,074

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	17	17	22	-	221	231	1	3	6	-	71	81
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	4	3	3	-	31	41	1	1	1	-	11	11
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	2	2	-	21	21	1	1	1	-	11	11
Physicists	1	1	1	-	11	21	0	0	0	-	01	01
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1	1	1	-	11	11	0	0	0	-	01	01
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	1	1	1	-	11	11	0	0	0	-	01	01
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3	4	5	-	51	51	0	0	0	-	01	01
Mathematicians	3	3	4	-	41	41	0	0	0	-	01	01
Computer Scientists	0	1	1	-	11	11	0	0	0	-	01	01
LIFE SCIENTISTS	2	3	4	-	41	41	0	0	0	-	01	01
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	2	3	4	-	41	41	0	0	0	-	01	01
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	1	1	1	-	11	11	0	0	0	-	01	01
SOCIAL SCIENTISTS	6	5	8	-	81	81	0	2	5	-	61	71
Economists	1	1	1	-	11	11	0	0	0	-	01	01
Political Scientists	1	1	1	-	11	11	0	0	0	-	01	01
Sociologists	1	3	6	-	61	61	0	2	5	-	61	71
Social Scientists, n.e.c.	3	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

INSTITUTIONAL PROFILE: 002942 LIVINGSTONE COLLEGE

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	7	9	8	-	8I	9I	1	1	1	-	1I	1I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	9	8	14	-	14I	14I	0	2	5	-	6I	7I
BACHELOR'S (or equivalent) .....	1	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	11	15	-	15I	15I	6	7	-	7I	8I
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	2	2	-	2I	2I	1	1	-	1I	2I
Environmental Scientists .....	1	1	-	1I	1I	0	0	-	0I	0I
Mathematical & Computer Scientists ..	3	4	-	4I	4I	1	1	-	1I	1I
Life Scientists .....	2	2	-	2I	2I	1	2	-	2I	2I
Psychologists .....	1	1	-	1I	1I	0	0	-	0I	0I
Social Scientists .....	2	5	-	5I	5I	3	3	-	3I	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL .....	1,830	1,504	1,470	-	4,765	4,969	1,685	1,457	1,317	-	4,687	4,888E
ENGINEERING .....	72	81	91	-	324I	338I	72	81	91	-	324I	338I
Aero/Astronautical .....	-	-	-	-	-	4I	-	-	-	-	-	4I
Chemical .....	-	-	-	-	-	0	-	-	-	-	-	0
Civil .....	-	-	-	-	-	0	-	-	-	-	-	0
Electrical .....	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical .....	-	-	-	-	-	39I	-	-	-	-	-	39I
Engineering, n.e.c. ....	-	-	-	-	-	295I	-	-	-	-	-	295I
PHYSICAL SCIENCES .....	212	307	63	-	225I	235I	212	307	63	-	225I	235I
Astronomy .....	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry .....	199	299	63	-	225I	235I	199	299	63	-	225I	235I
Physics .....	13	8	0	-	0	0	13	8	0	-	0	0
Physical Sci., n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENCES .....	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Sciences .....	-	-	-	-	-	0	-	-	0	-	0	0
Earth Sciences .....	-	-	-	-	-	0	-	-	-	-	0	0
Oceanographic Sci. ....	-	-	-	-	-	0	-	-	-	-	0	0
Env't'l Sci., n.e.c. ....	-	-	-	-	-	0	-	-	-	-	0	0
MATH. & COMPUTER SCI. ....	0	0	7	-	25I	26I	0	0	7	-	25I	26I
Mathematics .....	0	0	7	-	25I	26I	0	0	7	-	25I	26I
Computer Science .....	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENCES .....	623	694	653	-	2,323I	2,423I	623	694	653	-	2,323I	2,423I
Agricultural Sciences .....	541	519	539	-	1,918I	2,001I	541	519	539	-	1,918I	2,001I
Biological Sciences .....	82	175	114	-	405I	422I	82	175	114	-	405I	422I
Medical Sciences .....	0	0	0	-	0	0	0	0	0	-	0	0
Life Sci., n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY .....	131	1	0	-	0	0	131	1	0	-	0	0
SDCIAL SCIENCES .....	262	304	656	-	1,868I	1,947I	262	304	503	-	1,790I	1,866I
Economics .....	159	103	176	-	626I	653I	159	103	176	-	626I	653I
Political Science .....	0	0	0	-	0	0	0	0	0	-	0	0
Sociology .....	103	1	77	-	274I	285I	103	1	77	-	274I	285I
Social Sci., n.e.c. ....	0	200	403	-	968I	1,009I	0	200	250E	-	890I	928I
OTHER SCIENCES, n.e.c. ....	530	117	0	-	0	0	385	70E	0	-	0	0

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,830	1,504	1,470	-	4,765	4,969
Federal Government	1,685	1,457	1,317	-	4,687	4,888E
State and Local Government	84	13	115	-	54	56E
Industry	7	3	3	-	0	0
Institutional Funds	0	0	0	-	0	0
All Other Outside Sources	54	31	35	-	24	25E

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	4,877	224	2,745	-	2,377I	2,377I	0	216	70	-	61I	61I
Engineering	0	3	0	-	0	0	0	3	0	-	0	0
Physical Sciences	2,750	63	2,675	-	2,316I	2,316I	0	63	0	-	0I	0I
Environmental Sciences	0	0	70	-	61I	61I	0	0	70	-	61I	61I
Math. & Computer Sci.	0	0	0	-	0	0	0	0	0	-	0	0
Life Sciences	0	139	0	-	0	0	0	139	0	-	0	0
Psychology	0	1	0	-	0	0	0	1	0	-	0	0
Social Sciences	2,127	12	0	-	0	0	0	10	0	-	0	0
Other Sciences, n.e.c.	0	6	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	3,627	6,132	4,244	5,134	7,908	8,246	4,409	8,046	2,157	1,933	3,956
Department of Agriculture	1,527	1,561	1,401	1,525	2,004	2,169	2,421	2,597	1,593	1,000	4
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	40	60	0	195	195	0	0
Department of Education	0	0	0	0	0	0	0	3,874	0	0	3,874
Department of Energy	2	0	0	0	0	0	0	72	0	0	12
Environmental Protection Agency	35	24	0	50	0	0	0	80	0	0	0
Dept. of Health & Human Services	1,971	4,103	2,487	2,919	4,520	5,512	1,363	532	0	468	66
National Institutes of Health	210	167	141	108	205	118	218	466	0	466	0
ADAMHA	0	149	156	89	0	0	0	0	0	0	0
Office of Education	1,696	3,681	2,137	2,660	4,263	5,306	1,050	0	0	0	0
Other HMS	65	106	53	62	52	88	95	66	0	0	66
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	180	750	0	0	0	0	0	0
Department of Labor	0	150	150	155	150	0	0	0	0	0	0
NASA	12	63	74	35	289	207	252	450	244	206	0
National Science Foundation	80	76	50	142	85	18	137	326	65	261	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	155	82	128	70	280	84	60	60	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	3,627	6,132	4,244	5,134	7,908	8,246	4,409	8,046
Research and Development	1,003	1,248	1,259	1,435	1,818	1,826	2,005	2,157
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	8	0	0	0	20	18	12	11
Fellowships & Training Grants	101	188	14	67	0	0	121	328
General Support for Science	135	332	291	438	955	118	159	594
Other Science	609	592	334	383	797	890	967	1,000
Non-Science	1,771	3,772	2,346	2,811	4,318	5,394	1,145	3,956

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	NASA	DOD
TOTAL	1,003	1,248	1,259	1,435	1,818	1,826	2,005	2,157	1,593	244	195
ENGINEERING	417	857	25	218	670	467	496	403	0	194	108
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	9	75	70	200	119	82	0	22	0
Electrical	12	40	0	77	180	150	225	258	0	150	108
Mechanical	0	0	16	0	23	25	60	0	0	0	0
Metallurgy and Materials	0	23	0	66	121	32	12	22	0	22	0
Engineering, n.e.c.	405	794	0	0	276	60	80	41	0	0	0
PHYSICAL SCIENCES	0	41	66	0	30	0	0	113	0	50	63
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	16	0	0	0	0	0	63	0	0	63
Physics	0	25	66	0	30	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	50	0	50	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	55	24	0	0	24
LIFE SCIENCES	413	0	792	415	306	1,107	1,265	1,386	1,386	0	0
Biological Sciences	413	0	792	415	306	1,107	102	112	112	0	0
Medical Sciences	0	0	0	0	0	0	1,463	1,274	1,274	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	173	350	282	802	812	252	189	231	207	0	0
Economics	0	20	0	25	150	0	0	24	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	173	0	15	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	330	267	777	662	252	189	207	207	0	0
OTHER SCIENCES, n.e.c.	0	0	94	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	13	28	-	31	117	0	0	0	6	50
Men	-	-	-	23	90	-	-	-	1	41
Women	-	-	-	8	27	-	-	-	5	9
First Year	-	-	-	14	58	-	-	-	-	-
Beyond First Year	-	-	-	17	59	-	-	-	-	-
U.S. Citizens	-	-	-	16	60	-	-	0	-	-
Foreign	-	-	-	15	57	-	-	0	-	-
Engineering	7	10	-	12	61	0	0	0	0	25
Physical Sciences	3	5	-	8	17	0	0	0	0	6
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	0	0	-	0	0	0	0	0	0	0
Life Sciences	3	13	-	11	18	0	0	0	0	0
Psychology	0	0	-	0	0	0	0	0	6	2
Social Sciences	0	0	-	0	21	0	0	0	0	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	21	14	-	13	24
Engineering	10	6	-	5	10
Physical Sciences	7	0	-	3	0
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	0	0	-	0	0
Life Sciences	4	8	-	5	12
Psychology	0	0	-	0	0
Social Sciences	0	0	-	0	2

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
<b>FELLOWSHIPS &amp; TRAINEESHIPS</b>	-	-	-	0	5
Federal Support	-	-	-	0	2
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	3
Self-Support	-	-	-	0	0
<b>RESEARCH ASSISTANTSHIPS</b>	-	-	-	25	38
Federal Support	-	-	-	6	38
Institutional Support	-	-	-	19	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
<b>TEACHING ASSISTANTSHIPS</b>	-	-	-	4	51
Federal Support	-	-	-	0	9
Institutional Support	-	-	-	4	40
Other Outside Support	-	-	-	0	2
Self-Support	-	-	-	0	0
<b>OTHER TYPES OF SUPPORT</b>	-	-	-	2	23
Federal Support	-	-	-	0	1
Institutional Support	-	-	-	2	0
Other Outside Support	-	-	-	0	1
Self-Support	-	-	-	0	21

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	136	145	146I	-	147I	124	20	4	4I	-	5I	4
ENGINEERS	21	25	25I	-	25I	32	6	0	0I	-	0I	4
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	6	8	8I	-	8I	11	2	0	0I	-	0I	1
Mechanical Engineers	10	12	12I	-	12I	10	2	0	0I	-	0I	0
Engineers, n.e.c.	5	5	5I	-	5I	11	2	0	0I	-	0I	3
PHYSICAL SCIENTISTS	15	16	16I	-	16I	16	3	0	0I	-	0I	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	10	11	11I	-	11I	11	3	0	0I	-	0I	0
Physicists	5	5	5I	-	5I	5	0	0	0I	-	0I	0
Physical Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	2	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	2	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	17	17	17I	-	17I	19	1	1	1I	-	1I	0
Mathematicians	17	17	17I	-	17I	19	1	1	1I	-	1I	0
Computer Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
LIFE SCIENTISTS	44	43	43I	-	44I	18	5	2	2I	-	3I	0
Agricultural Scientists	33	30	30I	-	31I	6	4	2	2I	-	3I	0
Biological Scientists	11	13	13I	-	13I	12	1	0	0I	-	0I	0
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	8	8	8I	-	8I	6	1	0	0I	-	0I	0
SOCIAL SCIENTISTS	29	36	37I	-	37I	33	4	1	1I	-	1I	0
Economists	12	14	14I	-	14I	8	1	1	1I	-	1I	0
Political Scientists	5	6	6I	-	6I	5	0	0	0I	-	0I	0
Sociologists	12	16	17I	-	17I	9	3	0	0I	-	0I	0
Social Scientists, n.e.c.	0	0	0I	-	0	11	0	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	75	78	78I	-	78I	86	1	0	0I	-	0I	1
FIRST PROFESSIONAL .....	0	1	1I	-	1I	3	0	0	0I	-	0I	0
MASTER'S .....	61	66	67I	-	68I	35	19	4	4I	-	5I	0
BACHELOR'S (or equivalent) .....	0	0	0I	-	0	0	0	0	0I	-	0	3

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	110	111I	-	112I	102	35	35I	-	35I	22
Engineers .....	25	25I	-	25I	31	0	0I	-	0I	1
Physical Scientists .....	13	13I	-	13I	13	3	3I	-	3I	3
Environmental Scientists .....	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists ..	10	10I	-	10I	14	7	7I	-	7I	5
Life Scientists .....	31	31I	-	32I	15	12	12I	-	12I	3
Psychologists .....	6	6I	-	6I	2	2	2I	-	2I	4
Social Scientists .....	25	26I	-	26I	27	11	11I	-	11I	6

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL .....	175	153	180	-	141	158E	172	149	129	-	89	100E
ENGINEERING .....	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical .....	-	-	-	-	-	0	-	-	-	-	-	0
Chemical .....	-	-	-	-	-	0	-	-	-	-	-	0
Civil .....	-	-	-	-	-	0	-	-	-	-	-	0
Electrical .....	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical .....	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c. ....	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES .....	61	76	60	-	88	99E	60	75	59	-	84	94E
Astronomy .....	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry .....	38	41	13	-	4	5E	37	40	12	-	0	0
Physics .....	23	35	47	-	62	69E	23	35	47	-	62	69E
Physical Sci., n.e.c. ....	0	0	0	-	22	25E	0	0	0	-	22	25E
ENVIRONMENTAL SCIENCES .....	64	40	18	-	0	0	64	40	18	-	0	0
Atmospheric Sciences .....	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences .....	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci. ....	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c. ....	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI. ....	0	0	5	-	0	0	0	0	0	-	0	0
Mathematics .....	0	0	5	-	0	0	0	0	0	-	0	0
Computer Science .....	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENCES .....	49	34	60	-	11	12E	48	34	52	-	4	4E
Agricultural Sciences .....	0	0	0	-	0	0	0	0	0	-	0	0
Biological Sciences .....	49	34	60	-	11	12E	48	34	52	-	4	4E
Medical Sciences .....	0	0	0	-	0	0	0	0	0	-	0	0
Life Sci., n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY .....	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENCES .....	1	0	0	-	42	47E	0	0	0	-	1	2E
Economics .....	0	0	0	-	0	0	0	0	0	-	0	0
Political Science .....	0	0	0	-	0	0	0	0	0	-	0	0
Sociology .....	1	0	0	-	1	2E	0	0	0	-	1	2E
Social Sci., n.e.c. ....	0	0	0	-	41	45E	0	0	0	-	0	0
OTHER SCIENCES, n e c .....	0	?	37	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	175	153	180	-	141	158E
Federal Government	172	149	129	-	89	100E
State and Local Government	2	3	37	-	41	46E
Industry	0	0	0	-	0	0
Institutional Funds	0	0	0	-	0	0
All Other Outside Sources	1	1	14	-	11	12E

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	25	17	39	-	34I	40E	21	11	32	-	28I	32E
Engineering	0	0	0	-	0	0	0	0	0	-	0	0
Physical Sciences	0	0	26	-	23I	26E	0	0	23	-	20I	23E
Environmental Sciences	19	10	0	-	0	0	19	10	0	-	0	0
Math. & Computer Sci.	0	0	0	-	0	0	0	0	0	-	0	0
Life Sciences	6	7	12	-	10I	12E	2	1	9	-	8I	9E
Psychology	0	0	0	-	0	0	0	0	0	-	0	0
Social Sciences	0	0	1	-	1I	2E	0	0	0	-	0	0
Other Sciences, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

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INSTITUTIONAL PROFILE: 002950 NORTH CAROLINA CENTRAL UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,725	3,422	2,470	3,160	4,558	4,682	2,564	4,297	331	637	3,329
Department of Agriculture	8	0	0	0	0	0	3	10	10	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	60	60	0	0
Department of Energy	0	0	0	0	0	0	0	3,313	0	38	3,275
Environmental Protection Agency	0	0	0	0	0	0	50	40	40	0	0
Dept. of Health & Human Services	1,669	3,334	2,470	3,041	4,523	4,602	2,334	149	107	42	0
National Institutes of Health	196	91	108	93	153	142	158	563	65	444	54
ADAMHA	0	0	0	0	0	0	0	444	0	444	0
Office of Education	1,458	3,137	2,320	2,948	4,330	4,405	2,110	0	0	0	0
Other HHS	15	106	42	0	34	55	66	119	65	0	54
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	39	35	38	40	45	45	0	0
National Science Foundation	48	6	0	35	0	42	87	113	0	113	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	50	4	4	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,725	3,422	2,470	3,160	4,558	4,682	2,564	4,297
Research and Development	8	82	0	119	35	18	172	331
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	11	0	0	0	0	0	19	8
Fellowships & Training Grants	15	15	0	0	0	42	2	246
General Support for Science	130	97	108	93	153	142	158	300
Other Science	42	0	0	0	0	0	37	83
Non-Science	1,519	3,228	2,362	2,948	4,370	4,460	2,176	3,329

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	EPA	HHS	DOD
TOTAL	8	82	-	119	35	38	172	331	107	65	60
ENGINEERING	0	0	-	0	0	0	50	4	0	0	0
Aeronautical	0	0	-	0	0	0	0	0	0	0	0
Astronautical	0	0	-	0	0	0	0	0	0	0	0
Chemical	0	0	-	0	0	0	0	0	0	0	0
Civil	0	0	-	0	0	0	50	4	0	0	0
Electrical	0	0	-	0	0	0	0	0	0	0	0
Mechanical	0	0	-	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	-	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	-	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	0	-	104	35	38	90	105	0	0	60
Astronomy	0	0	-	0	0	0	0	0	0	0	0
Chemistry	0	0	-	55	0	0	0	0	0	0	0
Physics	0	0	-	39	35	38	90	105	0	0	60
Physical Sciences, n.e.c.	0	0	-	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	-	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	-	0	0	0	0	0	0	0	0
Geological Sciences	0	0	-	0	0	0	0	0	0	0	0
Oceanography	0	0	-	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	-	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	-	0	0	0	0	0	0	0	0
LIFE SCIENCES	0	82	-	15	0	0	8	117	107	0	0
Biological Sciences	0	82	-	0	0	0	8	117	107	0	0
Medical Sciences	0	0	-	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	0	-	15	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	-	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	8	0	-	0	0	0	24	65	0	65	0
Economics	8	0	-	0	0	0	0	0	0	0	0
Political Science	0	0	-	0	0	0	0	0	0	0	0
Sociology	0	0	-	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	-	0	0	0	24	65	0	65	0
OTHER SCIENCES, n.e.c.	0	0	-	0	0	0	0	40	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	24	35	-	35	34	6	6	0	8	1
Men	-	-	-	18	20	-	-	-	5	1
Women	-	-	-	17	14	-	-	-	3	0
First Year	-	-	-	17	15	-	-	-	-	-
Beyond First Year	-	-	-	18	19	-	-	-	-	-
U.S. Citizens	-	-	-	34	33	-	-	0	-	-
Foreign	-	-	-	1	1	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	0	0	-	5	5	0	0	0	5	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	1	1	-	1	1	0	0	0	0	1
Life Sciences	9	15	-	11	10	5	6	0	2	0
Psychology	9	15	-	11	12	0	0	0	0	0
Social Sciences	5	4	-	7	6	0	0	0	1	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	36	37	-	43	40
Engineering	0	0	-	0	0
Physical Sciences	0	0	-	4	4
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	6	5	-	3	3
Life Sciences	14	12	-	10	9
Psychology	8	10	-	22	20
Social Sciences	8	10	-	4	4

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

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POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
<b>FELLOWSHIPS &amp; TRAINEESHIPS</b>					
Federal Support	-	-	-	4	1
Institutional Support	-	-	-	4	0
Other Outside Support	-	-	-	0	1
Self-Support	-	-	-	0	0
<b>RESEARCH ASSISTANTSHIPS</b>					
Federal Support	-	-	-	6	3
Institutional Support	-	-	-	4	0
Other Outside Support	-	-	-	2	3
Self-Support	-	-	-	0	0
<b>TEACHING ASSISTANTSHIPS</b>					
Federal Support	-	-	-	8	8
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	8	8
Self-Support	-	-	-	0	0
<b>OTHER TYPES OF SUPPORT</b>					
Federal Support	-	-	-	17	22
Institutional Support	-	-	-	0	1
Other Outside Support	-	-	-	1	3
Self-Support	-	-	-	0	0
				16	18

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	55	75	77	-	68	75	38	24	6	-	20	21
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	9	11	12	-	11	15	5	5	2	-	2	1
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	6	6	6	-	5	6	3	2	1	-	1	0
Physicists	3	5	6	-	6	9	2	3	1	-	1	1
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	3	0	0	-	0	0	3	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	3	0	0	-	0	0	3	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	11	14	-	10	10	5	1	1	-	2	2
Mathematicians	5	11	14	-	10	10	5	1	1	-	2	2
Computer Scientists	1	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	11	16	15	-	10	9	10	6	0	-	5	7
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	11	16	15	-	10	9	10	6	0	-	5	7
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	4	4	9	-	5	6	7	6	1	-	2	3
SOCIAL SCIENTISTS	22	33	27	-	32	35	8	6	2	-	9	8
Economists	5	6	5	-	7	11	0	3	1	-	1	1
Political Scientists	7	14	7	-	12	11	6	1	1	-	4	4
Sociologists	8	8	11	-	7	7	0	1	0	-	3	3
Social Scientists, n.e.c.	2	5	4	-	6	6	2	1	0	-	1	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	25	39	45	-	40	48	11	9	2	-	5	6
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	1	0
MASTER'S	30	36	28	-	28	26	27	8	4	-	9	10
BACHELOR'S (or equivalent)	0	0	4	-	0	1	9	7	0	-	5	5

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	57	56	-	55	64	18	21	-	13	11
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	11	12	-	11	15	0	0	-	0	0
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	8	7	-	7	7	3	7	-	3	3
Life Scientists	8	10	-	6	6	8	5	-	4	3
Psychologists	3	6	-	3	5	1	3	-	2	1
Social Scientists	27	21	-	28	31	6	6	-	4	4

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,727	3,370	2,218	2,312	2,348	4,177	291	2,293	0	0	2,293
Department of Agriculture	0	0	0	0	0	30	54	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	2,293	0	0	2,293
Environmental Protection Agency	32	20	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,281	3,312	2,203	2,287	2,328	3,950	237	0	0	0	0
National Institutes of Health	59	95	74	59	19	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,222	3,217	2,129	2,228	2,309	3,950	237	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	407	0	0	0	0	0	0	0	0	0	0
NASA	0	33	15	25	0	140	0	0	0	0	0
National Science Foundation	7	5	0	0	20	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	57	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,727	3,370	2,218	2,312	2,348	4,177	291	2,293
Research and Development	15	33	0	25	20	227	54	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	17	47	0	0	0	0	0	0
General Support for Science	66	100	74	59	19	0	0	0
Other Science	0	0	15	0	0	0	0	0
Non-Science	1,629	3,190	2,129	2,228	2,309	3,950	237	2,293

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980			
TOTAL	15	33	-	25	20	227	54	-	-	-	-
ENGINEERING	0	0	-	0	0	0	0	-	-	-	-
Aeronautical	0	0	-	0	0	0	0	-	-	-	-
Astronautical	0	0	-	0	0	0	0	-	-	-	-
Chemical	0	0	-	0	0	0	0	-	-	-	-
Civil	0	0	-	0	0	0	0	-	-	-	-
Electrical	0	0	-	0	0	0	0	-	-	-	-
Mechanical	0	0	-	0	0	0	0	-	-	-	-
Metallurgy and Materials	0	0	-	0	0	0	0	-	-	-	-
Engineering, n.e.c.	0	0	-	0	0	0	0	-	-	-	-
PHYSICAL SCIENCES	0	33	-	25	0	0	0	-	-	-	-
Astronomy	0	0	-	0	0	0	0	-	-	-	-
Chemistry	0	33	-	25	0	0	0	-	-	-	-
Physics	0	0	-	0	0	0	0	-	-	-	-
Physical Sciences, n.e.c.	0	0	-	0	0	0	0	-	-	-	-
ENVIRONMENTAL SCIENCES	0	0	-	0	0	0	0	-	-	-	-
Atmospheric Sciences	0	0	-	0	0	0	0	-	-	-	-
Geological Sciences	0	0	-	0	0	0	0	-	-	-	-
Oceanography	0	0	-	0	0	0	0	-	-	-	-
Environmental Sciences, n.e.c.	0	0	-	0	0	0	0	-	-	-	-
MATH AND COMPUTER SCIENCES	0	0	-	0	0	0	0	-	-	-	-
LIFE SCIENCES	15	0	-	0	20	0	0	-	-	-	-
Biological Sciences	15	0	-	0	20	0	0	-	-	-	-
Medical Sciences	0	0	-	0	0	0	0	-	-	-	-
Life Sciences, n.e.c.	0	0	-	0	0	0	0	-	-	-	-
PSYCHOLOGY	0	0	-	0	0	0	0	-	-	-	-
SOCIAL SCIENCES	0	0	-	0	0	227	54	-	-	-	-
Economics	0	0	-	0	0	30	54	-	-	-	-
Political Science	0	0	-	0	0	0	0	-	-	-	-
Sociology	0	0	-	0	0	197	0	-	-	-	-
Social Sciences, n.e.c.	0	0	-	0	0	0	0	-	-	-	-
OTHER SCIENCES, n.e.c.	0	0	-	0	0	0	0	-	-	-	-

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SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	24	23	23I	-	23I	24I	0	1	1I	-	1I	1I
ENGINEERS	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	6	5	5I	-	5I	5I	0	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	5	4	4I	-	4I	4I	0	0	0I	-	0I	0I
Physicists	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Physical Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Atmospheric Scientists	0	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Earth Scientists	1	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	5	5I	-	5I	5I	0	0	0I	-	0I	0I
Mathematicians	6	5	5I	-	5I	5I	0	0	0I	-	0I	0I
Computer Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
LIFE SCIENTISTS	4	3	3I	-	3I	3I	0	1	1I	-	1I	1I
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	4	3	3I	-	3I	3I	0	1	1I	-	1I	1I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENTISTS	7	9	9I	-	9I	10I	0	0	0I	-	0I	0I
Economists	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Political Scientists	2	4	4I	-	4I	4I	0	0	0I	-	0I	0I
Sociologists	4	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Social Scientists, n.e.c.	0	2	2I	-	2I	3I	0	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	15	13	13I	-	13I	14I	0	1	1I	-	1I	1I
FIRST PROFESSIONAL .....	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S .....	9	10	10I	-	10I	10I	0	0	0I	-	0I	0I
BACHELOR'S (or equivalent) .....	0	0	0I	-	0	0	0	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	18	18I	-	18I	18I	5	5I	-	5I	6I
Engineers .....	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists .....	5	5I	-	5I	5I	0	0I	-	0I	0I
Environmental Scientists .....	1	1I	-	1I	1I	0	0I	-	0I	0I
Mathematical & Computer Scientists .....	4	4I	-	4I	4I	1	1I	-	1I	1I
Life Scientists .....	2	2I	-	2I	2I	1	1I	-	1I	1I
Psychologists .....	0	0I	-	0	0	0	0I	-	0	0
Social Scientists .....	6	6I	-	6I	6I	3	3I	-	3I	4I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*
*          INSTITUTIONAL PROFILE          *
*
*          002968                        *
*
*          ST AUGUSTINE'S COLLEGE        *
*
*          Private                       Bachelor's-Granting *
*
*          CARNEGIE COUNCIL CATEGORY: 2.2 *
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL	1,560	2,510	1,723	2,063	2,836	3,821	1,924	2,991	0	0	2,991
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	100	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	58	0	29	29	0	0	0	0	0
Dept. of Health & Human Services	1,388	2,510	1,665	2,063	2,807	3,792	1,806	158	0	0	158
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,388	2,510	1,665	2,063	2,718	3,729	1,740	0	0	0	0
Other HHS	0	0	0	0	89	63	66	158	0	0	158
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	172	0	0	0	0	0	18	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,560	2,510	1,723	2,063	2,836	3,821	1,924	2,991
Research and Development	0	0	58	0	29	29	100	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	172	0	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	18	0
Non-Science	1,388	2,510	1,665	2,063	2,807	3,792	1,806	2,991

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 002968 ST AUGUSTINE'S COLLEGE

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS							LARGEST FY 1980 SOURCES			
	1973	1974	1975	1976	1977	1978	1979	1980			
TOTAL .....	-	-	58	-	29	29	100	-	-	-	-
ENGINEERING .....	-	-	0	-	0	0	0	-	-	-	-
Aeronautical .....	-	-	0	-	0	0	0	-	-	-	-
Astronautical .....	-	-	0	-	0	0	0	-	-	-	-
Chemical .....	-	-	0	-	0	0	0	-	-	-	-
Civil .....	-	-	0	-	0	0	0	-	-	-	-
Electrical .....	-	-	0	-	0	0	0	-	-	-	-
Mechanical .....	-	-	0	-	0	0	0	-	-	-	-
Metallurgy and Materials .....	-	-	0	-	0	0	0	-	-	-	-
Engineering, n.e.c. ....	-	-	0	-	0	0	0	-	-	-	-
PHYSICAL SCIENCES .....	-	-	0	-	0	0	0	-	-	-	-
Astronomy .....	-	-	0	-	0	0	0	-	-	-	-
Chemistry .....	-	-	0	-	0	0	0	-	-	-	-
Physics .....	-	-	0	-	0	0	0	-	-	-	-
Physical Sciences, n e c. ....	-	-	0	-	0	0	0	-	-	-	-
ENVIRONMENTAL SCIENCES .....	-	-	0	-	0	0	0	-	-	-	-
Atmospheric Sciences .....	-	-	0	-	0	0	0	-	-	-	-
Geological Sciences .....	-	-	0	-	0	0	0	-	-	-	-
Oceanography .....	-	-	0	-	0	0	0	-	-	-	-
Environmental Sciences, n e c. ....	-	-	0	-	0	0	0	-	-	-	-
MATH. AND COMPUTER SCIENCES .....	-	-	0	-	0	0	0	-	-	-	-
LIFE SCIENCES .....	-	-	58	-	29	29	0	-	-	-	-
Biological Sciences .....	-	-	58	-	29	29	0	-	-	-	-
Medical Sciences .....	-	-	0	-	0	0	0	-	-	-	-
Life Sciences, n.e.c. ....	-	-	0	-	0	0	0	-	-	-	-
PSYCHOLOGY .....	-	-	0	-	0	0	0	-	-	-	-
SOCIAL SCIENCES .....	-	-	0	-	0	0	100	-	-	-	-
Economics .....	-	-	0	-	0	0	100	-	-	-	-
Political Science .....	-	-	0	-	0	0	0	-	-	-	-
Sociology .....	-	-	0	-	0	0	0	-	-	-	-
Social Sciences, n.e.c. ....	-	-	0	-	0	0	0	-	-	-	-
OTHER SCIENCES, n.e.c. ....	-	-	0	-	0	0	0	-	-	-	-

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

## SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	27	26	27	-	24	28	6	2	3	-	3	3
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	6	6	7	-	4	4	0	0	0	-	1	1
Astronomers	4	4	0	-	0	0	0	0	0	-	0	0
Chemists	-	-	5	-	3	3	0	0	0	-	1	1
Physicists	2	2	2	-	1	1	0	0	0	-	0	0
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	6	6	-	7	6	0	0	0	-	0	0
Mathematicians	5	5	5	-	6	5	0	0	0	-	0	0
Computer Scientists	1	1	1	-	1	1	0	0	0	-	0	0
LIFE SCIENTISTS	6	5	5	-	6	7	0	0	0	-	0	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	6	5	5	-	6	6	0	0	0	-	0	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	1	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENTISTS	9	9	9	-	7	11	6	2	3	-	2	2
Economists	0	2	2	-	3	5	0	0	0	-	0	0
Political Scientists	1	1	1	-	0	0	1	0	1	-	0	0
Sociologists	8	6	6	-	4	4	5	2	2	-	2	2
Social Scientists, n.e.c.	0	0	0	-	0	2	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	21	7	8	-	9	9	2	1	2	-	2	2
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	6	19	19	-	15	19	4	1	1	-	1	1
BACHELOR'S (or equivalent)	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	18	17	-	16	19	8	10	-	8	9
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	5	5	-	4	4	1	2	-	0	0
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	4	3	-	4	4	2	3	-	3	2
Life Scientists	3	3	-	3	4	2	2	-	3	3
Psychologists	0	0	-	0	0	0	0	-	0	0
Social Scientists	6	6	-	5	7	3	3	-	2	4

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



INSTITUTIONAL PROFILE: 002986 WINSTON-SALEM STATE UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,217	1,301	1,620	1,923	3,485	3,100	1,970	2,405	0	505	1,900
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,896	0	0	1,896
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	744	1,301	1,465	1,923	3,470	3,100	1,970	0	0	0	0
National Institutes of Health	79	63	93	59	142	97	158	304	0	300	4
ADAMHA	0	0	0	0	0	0	0	300	0	300	0
Office of Education	665	1,142	1,307	1,819	3,271	2,967	1,801	0	0	0	0
Other HHS	0	96	65	45	57	36	11	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	155	0	15	0	0	4	0	0	4
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AIO	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	473	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	205	0	205	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,217	1,301	1,620	1,923	3,485	3,100	1,970	2,405
Research and Development	8	0	199	0	15	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	4	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	532	63	49	59	142	97	158	300
Other Science	0	0	0	0	0	0	0	205
Non-Science	673	1,238	1,372	1,864	3,328	3,003	1,812	1,900

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	33	37	40	-	40	53	1	1	1	-	1	8
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	2	3	4	-	4	4	0	0	0	-	0	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	2	2	2	-	2	3	0	0	0	-	0	0
Physicists	0	0	0	-	0	1	0	0	0	-	0	0
Physical Scientists, n.e.c.	0	1	2	-	2	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	7	6	7	-	7	7	0	0	0	-	0	5
Mathematicians	6	5	6	-	6	6	0	0	0	-	0	3
Computer Scientists	1	1	1	-	1	1	0	0	0	-	0	2
LIFE SCIENTISTS	9	8	8	-	8	23	0	0	1	-	1	1
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	9	8	8	-	8	9	0	0	1	-	1	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	14	-	-	0	-	0	1
PSYCHOLOGISTS	3	6	6	-	6	8	0	0	0	-	0	2
SOCIAL SCIENTISTS	12	14	15	-	15	11	1	1	0	-	0	0
Economists	2	1	2	-	2	3	0	0	0	-	0	0
Political Scientists	3	2	4	-	4	4	0	0	0	-	0	0
Sociologists	5	11	7	-	7	3	1	1	0	-	0	0
Social Scientists, n.e.c.	2	0	2	-	2	1	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	DOCTOR'S	19	21	23	-	23I	30I	0	0	0	-	0I
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	14E	13	16	-	16I	22I	1	1	1	-	1I	8I
BACHELOR'S (or equivalent)	0	3	1	-	1I	1I	0	0	0	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	25	26	-	27I	22	12	14	-	13I
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	3	3	-	4I	4	0	1	-	0I	0
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	2	1	-	1I	1	4	6	-	6I	6
Life Scientists	5	5	-	5I	4	3	3	-	3I	19
Psychologists	3	4	-	4I	4	3	2	-	2I	4
Social Scientists	12	13	-	13I	9	2	2	-	2I	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,669	3,149	2,641	2,894	2,543	4,289	1,429	3,153	0	144	3,009
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	3,009	0	0	3,009
Environmental Protection Agency	0	19	17	17	35	0	31	0	0	0	0
Dept. of Health & Human Services	2,060	3,044	2,583	2,563	2,470	4,289	1,261	125	0	125	0
National Institutes of Health	88	57	36	37	38	30	27	125	0	125	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,972	2,987	2,547	2,526	2,432	4,259	1,234	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	49	24	41	42	38	0	0	0	0	0	0
National Science Foundation	418	62	0	272	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	28	19	0	19	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0
							109	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,669	3,149	2,641	2,894	2,543	4,289	1,429	3,153
Research and Development	191	85	58	59	73	0	140	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	12	14	0	0	0	0	0	0
General Support for Science	471	63	36	309	38	30	27	125
Other Science	23	0	0	0	0	0	27	19
Non-Science	1,972	2,987	2,547	2,526	2,432	4,259	1,234	3,009

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 003026 CENTRAL STATE UNIVERSITY

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980			
TOTAL .....	191	85	58	59	73	-	140	-	-	-	-
ENGINEERING .....	0	0	0	0	0	-	109	-	-	-	-
Aeronautical .....	0	0	0	0	0	-	0	-	-	-	-
Astronautical .....	0	0	0	0	0	-	0	-	-	-	-
Chemical .....	0	0	0	0	0	-	0	-	-	-	-
Civil .....	0	0	0	0	0	-	109	-	-	-	-
Electrical .....	0	0	0	0	0	-	0	-	-	-	-
Mechanical .....	0	0	0	0	0	-	0	-	-	-	-
Metallurgy and Materials .....	0	0	0	0	0	-	0	-	-	-	-
Engineering, n.e.c. ....	0	0	0	0	0	-	0	-	-	-	-
PHYSICAL SCIENCES .....	14	61	17	17	35	-	31	-	-	-	-
Astronomy .....	0	0	0	0	0	-	0	-	-	-	-
Chemistry .....	0	42	0	17	35	-	31	-	-	-	-
Physics .....	14	19	0	0	0	-	0	-	-	-	-
Physical Sciences, n.e.c. ....	0	0	17	0	0	-	0	-	-	-	-
ENVIRONMENTAL SCIENCES .....	15	0	0	0	0	-	0	-	-	-	-
Atmospheric Sciences .....	0	0	0	0	0	-	0	-	-	-	-
Geological Sciences .....	0	0	0	0	0	-	0	-	-	-	-
Oceanography .....	0	0	0	0	0	-	0	-	-	-	-
Environmental Sciences, n.e.c. ....	15	0	0	0	0	-	0	-	-	-	-
MATH. AND COMPUTER SCIENCES .....	0	0	0	0	0	-	0	-	-	-	-
LIFE SCIENCES .....	20	24	41	42	38	-	0	-	-	-	-
Biological Sciences .....	20	24	41	42	38	-	0	-	-	-	-
Medical Sciences .....	0	0	0	0	0	-	0	-	-	-	-
Life Sciences, n.e.c. ....	0	0	0	0	0	-	0	-	-	-	-
PSYCHOLOGY .....	0	0	0	0	0	-	0	-	-	-	-
SOCIAL SCIENCES .....	142	0	0	0	0	-	0	-	-	-	-
Economics .....	0	0	0	0	0	-	0	-	-	-	-
Political Science .....	0	0	0	0	0	-	0	-	-	-	-
Sociology .....	0	0	0	0	0	-	0	-	-	-	-
Social Sciences, n.e.c. ....	142	0	0	0	0	-	0	-	-	-	-
OTHER SCIENCES, n.e.c. ....	0	0	0	0	0	-	0	-	-	-	-

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	41	40	41	-	45	43	5	1	2	-	1	3
ENGINEERS	0	0	0	-	0	1	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	1	0	0	0	-	0	0
PHYSICAL SCIENTISTS	8	7	8	-	8	8	1	0	0	-	0	0
Astronomers	-	-	0	-	0	0	0	0	0	-	0	0
Chemists	6	5	6	-	6	6	1	0	0	-	0	0
Physicists	2	2	2	-	2	2	0	0	0	-	0	0
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	1	-	1	1	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	1	-	1	1	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	7	8	-	10	6	2	0	1	-	0	3
Mathematicians	6	7	8	-	10	6	2	0	1	-	0	3
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	8	7	6	-	6	8	0	0	1	-	1	0
Agricultural Scientists	0	0	0	-	0	0	0	0	1	-	1	0
Biological Scientists	8	7	6	-	6	8	0	0	0	-	0	0
Medical Scientists	0	0	0	-	0	0	0	0	1	-	1	0
Life Scientists, n.e.c.	-	-	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	3	3	4	-	5	4	2	1	0	-	0	0
SOCIAL SCIENTISTS	16	16	14	-	15	15	0	0	0	-	0	0
Economists	3	3	3	-	3	3	0	0	0	-	0	0
Political Scientists	4	4	4	-	3	3	0	0	0	-	0	0
Sociologists	7	7	5	-	7	3	0	0	0	-	0	0
Social Scientists, n.e.c.	2	2	2	-	2	8	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	25	24	24	-	27	26	1	1	0	-	0	0
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	16	16	17	-	18	17	3	0	2	-	1	3
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0	1	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	31	30	-	33	33	9	11	-	12	10
Engineers .....	0	0	-	0	1	0	0	-	0	0
Physical Scientists .....	6	6	-	7	7	1	2	-	1	1
Environmental Scientists .....	0	0	-	1	1	0	1	-	0	0
Mathematical & Computer Scientists .....	4	5	-	7	5	3	3	-	3	1
Life Scientists .....	6	6	-	5	7	1	0	-	1	1
Psychologists .....	2	3	-	4	4	1	1	-	1	0
Social Scientists .....	13	10	-	9	8	3	4	-	6	7

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Dthr Sci	Non-Sci
TOTAL	1,910	2,974	2,846	2,832	2,763	3,677	1,648	2,210	10	43	2,157
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	2,157	0	0	2,157
Department of Energy	0	0	0	0	0	0	0	10	10	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,659	2,974	2,809	2,832	2,742	3,677	1,555	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,657	2,948	2,716	2,740	2,670	3,607	1,523	0	0	0	0
Other HHS	2	26	93	92	72	70	32	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	20	0	21	0	0	0	0	0	0
National Science Foundation	251	0	17	0	0	0	93	43	0	43	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,910	2,974	2,846	2,832	2,763	3,677	1,648	2,210
Research and Development	0	0	37	0	21	0	0	10
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	2	26	0	16	10	20	-32	0
General Support for Science	251	0	0	0	0	0	93	0
Other Science	0	0	0	0	0	0	0	43
Non-Science	1,657	2,948	2,809	2,816	2,732	3,657	1,523	2,157

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 003141 WILBERFORCE UNIVERSITY

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

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FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	DOE		
TOTAL	-	-	37	-	21	-	-	10	10	0	0
ENGINEERING	-	-	0	-	0	-	-	0	0	0	0
Aeronautical	-	-	0	-	0	-	-	0	0	0	0
Astronautical	-	-	0	-	0	-	-	0	0	0	0
Chemical	-	-	0	-	0	-	-	0	0	0	0
Civil	-	-	0	-	0	-	-	0	0	0	0
Electrical	-	-	0	-	0	-	-	0	0	0	0
Mechanical	-	-	0	-	0	-	-	0	0	0	0
Metallurgy and Materials	-	-	0	-	0	-	-	0	0	0	0
Engineering, n.e.c.	-	-	0	-	0	-	-	0	0	0	0
PHYSICAL SCIENCES	-	-	20	-	21	-	-	0	0	0	0
Astronomy	-	-	0	-	0	-	-	0	0	0	0
Chemistry	-	-	20	-	21	-	-	0	0	0	0
Physics	-	-	0	-	0	-	-	0	0	0	0
Physical Sciences: n.e.c.	-	-	0	-	0	-	-	0	0	0	0
ENVIRONMENTAL SCIENCES	-	-	0	-	0	-	-	0	0	0	0
Atmospheric Sciences	-	-	0	-	0	-	-	0	0	0	0
Geological Sciences	-	-	0	-	0	-	-	0	0	0	0
Oceanography	-	-	0	-	0	-	-	0	0	0	0
Environmental Sciences, n.e.c.	-	-	0	-	0	-	-	0	0	0	0
MATH. AND COMPUTER SCIENCES	-	-	0	-	0	-	-	0	0	0	0
LIFE SCIENCES	-	-	17	-	0	-	-	0	0	0	0
Biological Sciences	-	-	0	-	0	-	-	0	0	0	0
Medical Sciences	-	-	0	-	0	-	-	0	0	0	0
Life Sciences, n.e.c.	-	-	17	-	0	-	-	0	0	0	0
PSYCHOLOGY	-	-	0	-	0	-	-	0	0	0	0
SOCIAL SCIENCES	-	-	0	-	0	-	-	10	10	0	0
Economics	-	-	0	-	0	-	-	10	10	0	0
Political Science	-	-	0	-	0	-	-	0	0	0	0
Sociology	-	-	0	-	0	-	-	0	0	0	0
Social Sciences, n.e.c.	-	-	0	-	0	-	-	0	0	0	0
OTHER SCIENCES, n.e.c.	-	-	0	-	0	-	-	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81.

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	22	21	19	-	19I	20I	6	6	9	-	10I	11I
ENGINEERS	1	0	1	-	1I	1I	0	2	2	-	2I	2I
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	1	0	0	-	0I	0I	0	0	1	-	1I	1I
Mechanical Engineers	0	0	0	-	0I	0I	0	1	1	-	1I	1I
Engineers, n.e.c.	0	0	1	-	1I	1I	0	1	0	-	0I	0I
PHYSICAL SCIENTISTS	5	6	4	-	4I	4I	1	0	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	3	2	-	2I	2I	0	0	0	-	0I	0I
Physicists	1	2	2	-	2I	2I	1	0	0	-	0I	0I
Physical Scientists, n.e.c.	1	1	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3	2	2	-	2I	2I	1	2	0	-	0I	0I
Mathematicians	3	2	2	-	2I	2I	0	1	0	-	0I	0I
Computer Scientists	0	0	0	-	0	0	1	1	0	-	0	0
LIFE SCIENTISTS	5	5	6	-	6I	6I	2	2	3	-	3I	3I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	5	5	6	-	6I	6I	2	2	3	-	3I	3I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2	2	1	-	1I	1I	2	0	3	-	3I	4I
SOCIAL SCIENTISTS	6	6	5	-	5I	6I	0	0	1	-	2I	2I
Economists	2	2	2	-	2I	3I	0	0	0	-	0I	0I
Political Scientists	1	1	0	-	0I	0I	0	0	1	-	2I	2I
Sociologists	3	3	3	-	3I	3I	0	0	0	-	0I	0I
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

INSTITUTIONAL PROFILE: 003141 WILBERFORCE UNIVERSITY

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	13	13	10	-	10I	10I	4	3	6	-	6I	7I
FIRST PROFESSIONAL .....	0	1	1	-	1I	1I	0	0	0	-	0I	0I
MASTER'S .....	9	6	7	-	7I	8I	2	2	2	-	3I	3I
BACHELOR'S (or equivalent) .....	0	1	1	-	1I	1I	0	1	1	-	1I	1I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	17	15	-	15I	16I	4	4	-	4I	4I
Engineers .....	0	1	-	1I	1I	0	0	-	0I	0I
Physical Scientists .....	5	3	-	3I	3I	1	1	-	1I	1I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	2	1	-	1I	1I	0	1	-	1I	1I
Life Scientists .....	3	5	-	5I	5I	2	1	-	1I	1I
Psychologists .....	1	0	-	0I	0I	1	1	-	1I	1I
Social Scientists .....	6	5	-	5I	6I	0	0	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



INSTITUTIONAL PROFILE: 003157 LANGSTON UNIVERSITY

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS									1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci	
TOTAL	1,682	1,951	1,625	2,315	2,685	2,728	2,087	2,944	806	454	1,684	
Department of Agriculture	778	778	700	769	993	1,070	1,183	1,260	806	454	0	
Department of Commerce	0	0	0	0	5	0	0	0	0	0	0	
Department of Defense	0	0	0	0	0	0	0	0	0	0	0	
Department of Education	0	0	0	0	0	0	0	0	0	0	0	
Department of Energy	0	0	0	0	0	0	0	1,634	0	0	1,634	
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0	
Dept. of Health & Human Services	898	1,160	925	1,546	1,687	1,603	849	0	0	0	0	
National Institutes of Health	0	119	0	0	0	0	0	0	0	0	0	
ADAMHA	0	0	0	0	0	0	0	0	0	0	0	
Office of Education	898	1,041	925	1,546	1,687	1,603	849	0	0	0	0	
Other HHS	0	0	0	0	0	0	0	0	0	0	0	
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0	
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0	
AID	0	0	0	0	0	0	0	0	0	0	0	
Department of Labor	0	0	0	0	0	0	0	0	0	0	0	
NASA	0	0	0	0	0	0	0	50	0	0	50	
National Science Foundation	6	13	0	0	0	0	0	0	0	0	0	
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0	
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0	

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,682	1,951	1,625	2,315	2,685	2,728	2,087	2,944
Research and Development	517	517	560	600	634	720	799	806
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	4	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	6	128	0	0	0	0	0	0
Other Science	261	261	140	169	364	405	439	454
Non-Science	898	1,041	925	1,546	1,687	1,603	849	1,684

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL RAO OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	RAO OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USOA		
TOTAL	517	517	560	600	634	720	799	806	806	0	0
ENGINEERING	0	0	0	0	0	55	55	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	55	55	0	0	0	0
PHYSICAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	455	517	560	600	329	665	744	806	806	0	0
Biological Sciences	455	517	560	600	329	665	744	806	806	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	62	0	0	0	305	0	0	0	0	0	0
Economics	0	0	0	0	5	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	62	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	300	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	17I	28	28I	-	28I	29I	0I	6	6I	-	7I	8I
ENGINEERS	1I	0	0I	-	0	0	0I	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Chemical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Civil Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Electrical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Mechanical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Engineers, n.e.c.	1I	0	0I	-	0	0	0I	0	0I	-	0	0
PHYSICAL SCIENTISTS	3I	4	4I	-	4I	4I	0I	2	2I	-	2I	2I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	1I	2	2I	-	2I	2I	0I	0	0I	-	0I	0I
Physicists	1I	2	2I	-	2I	2I	0I	2	2I	-	2I	2I
Physical Scientists, n.e.c.	1I	0	0I	-	0	0	0I	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	1I	0	0I	-	0	0	0I	0	0I	-	0	0
Atmospheric Scientists	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Earth Scientists	1I	0	0I	-	0	0	0I	0	0I	-	0	0
Oceanographers	0I	-	0I	-	0	0	0I	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I
Mathematicians	2I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I
Computer Scientists	0I	0	0I	-	0	0	0I	0	0I	-	0	0
LIFE SCIENTISTS	3I	14	14I	-	14I	15I	0I	4	4I	-	5I	6I
Agricultural Scientists	0I	3	3I	-	3I	4I	0I	1	1I	-	1I	1I
Biological Scientists	3I	10	10I	-	10I	10I	0I	2	2I	-	3I	4I
Medical Scientists	0I	1	1I	-	1I	1I	0I	1	1I	-	1I	1I
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
SOCIAL SCIENTISTS	5I	5	5I	-	5I	5I	0I	0	0I	-	0I	0I
Economists	1I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
Political Scientists	1I	3	3I	-	3I	3I	0I	0	0I	-	0I	0I
Sociologists	2I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
Social Scientists, n.e.c.	1I	0	0I	-	0	0	0I	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	8I	24	24I	-	24I	25I	0I	4	4I	-	4I	4I
FIRST PROFESSIONAL .....	1I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
MASTER'S .....	6I	3	3I	-	3I	3I	0I	2	2I	-	3I	4I
BACHELOR'S (or equivalent) .....	2I	0	0I	-	0	0	0I	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	24E	24I	-	24I	25I	4E	4I	-	4I	4I
Engineers .....	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists .....	4	4I	-	4I	4I	0	0I	-	0I	0I
Environmental Scientists .....	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists ..	4	4I	-	4I	4I	0	0I	-	0I	0I
Life Scientists .....	12E	12I	-	12I	13I	2	2I	-	2I	2I
Psychologists .....	1	1I	-	1I	1I	0	0I	-	0I	0I
Social Scientists .....	3	3I	-	3I	3I	2	2I	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*  
* INSTITUTIONAL PROFILE *  
*  
* 003317 *  
* CHEYNEY STATE COLLEGE *  
* Public Master's-Granting *  
* CARNEGIE COUNCIL CATEGORY: 2.2 *  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF-NIH Survey of Graduate Science Students and Postdoctorates  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
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Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	943	864	1,325	2,012	2,907	3,654	1,279	2,540	0	32	2,508
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	2,508	0	0	2,508
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	943	864	1,325	2,012	2,907	3,654	1,027	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	943	864	1,325	2,012	2,907	3,654	1,027	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	252	32	0	32	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	943	864	1,325	2,012	2,907	3,654	1,279	2,540
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	252	0
Other Science	0	0	0	0	0	0	0	32
Non-Science	943	864	1,325	2,012	2,907	3,654	1,027	2,508

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	2	-	2	2	0	0	0	0	0
Men	-	-	-	1	1	0	-	-	0	0
Women	-	-	-	1	1	0	-	-	0	0
First Year	-	-	-	1	1	0	-	-	-	-
Beyond First Year	-	-	-	1	1	0	-	-	-	-
U.S. Citizens	-	-	-	2	2	0	-	0	-	-
Foreign	-	-	-	0	0	0	-	0	-	-
Engineering	-	0	-	0	0	0	0	0	0	0
Physical Sciences	-	0	-	0	0	0	0	0	0	0
Environmental Sciences	-	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	-	0	-	0	0	0	0	0	0	0
Life Sciences	-	2	-	2	2	0	0	0	0	0
Psychology	-	0	-	0	0	0	0	0	0	0
Social Sciences	-	0	-	0	0	0	0	0	0	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	4	-	4	4
Engineering	-	0	-	0	0
Physical Sciences	-	0	-	0	0
Environmental Sciences	-	0	-	0	0
Math. & Computer Sciences	-	0	-	0	0
Life Sciences	-	4	-	4	4
Psychology	-	0	-	0	0
Social Sciences	-	0	-	0	0

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	0	0
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	2	2
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	2	2

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates..

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	64	56	57I	-	57I	57I	0	0	0I	-	0I	0I
ENGINEERS	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	9	10	11I	-	11I	11I	0	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	0	0	0I	-	0	0
Chemists	6	5	5I	-	5I	5I	0	0	0I	-	0I	0I
Physicists	2	2	3I	-	3I	3I	0	0	0I	-	0I	0I
Physical Scientists, n.e.c.	1	3	3I	-	3I	3I	0	0	0I	-	0I	0I
ENVIRONMENTAL SCIENTISTS	2	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Atmospheric Scientists	1	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	10	9	9I	-	9I	9I	0	0	0I	-	0I	0I
Mathematicians	9	7	7I	-	7I	7I	0	0	0I	-	0I	0I
Computer Scientists	1	2	2I	-	2I	2I	0	0	0I	-	0I	0I
LIFE SCIENTISTS	12	11	11I	-	11I	11I	0	0	0I	-	0I	0I
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	12	10	10I	-	10I	10I	0	0	0I	-	0I	0I
Medical Scientists	0	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	7	8	8I	-	8I	8I	0	0	0I	-	0I	0I
SOCIAL SCIENTISTS	24	17	17I	-	17I	17I	0	0	0I	-	0I	0I
Economists	3	2	2I	-	2I	2I	0	0	0I	-	0I	0I
Political Scientists	4	4	4I	-	4I	4I	0	0	0I	-	0I	0I
Sociologists	5	4	4I	-	4I	4I	0	0	0I	-	0I	0I
Social Scientists, n.e.c.	12	7	7I	-	7I	7I	0	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	21	22	23I	-	23I	23I	0	0	0I	-	0I	0I
FIRST PROFESSIONAL .....	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S .....	43	34	34I	-	34I	34I	0	0	0I	-	0I	0I
BACHELOR'S (or equivalent) .....	0	0	0I	-	0	0	0	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	46	47I	-	46I	46I	10	10I	-	11I	11I
Engineers .....	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists .....	9	10I	-	9I	9I	1	1I	-	2I	2I
Environmental Scientists .....	1	1I	-	1I	1I	0	0I	-	0I	0I
Mathematical & Computer Scientists .....	7	7I	-	7I	7I	2	2I	-	2I	2I
Life Scientists .....	8	8I	-	8I	8I	3	3I	-	3I	3I
Psychologists .....	6	6I	-	6I	6I	2	2I	-	2I	2I
Social Scientists .....	15	15I	-	15I	15I	2	2I	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	100	147	103	-	110	230	100	147	103	-	110	230
ENGINEERING	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	100	147	103	-	110	230	100	147	103	-	110	230
Astronomy	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry	100	147	103	-	110	230E	100	147	103	-	110	230E
Physics	0	0	0	-	0	0	0	0	0	-	0	0
Physical Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENCES	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env'tl Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	0	0	0	-	0	0	0	0	0	-	0	0
Mathematics	0	0	0	-	0	0	0	0	0	-	0	0
Computer Science	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENCES	0	0	0	-	0	0	0	0	0	-	0	0
Agricultural Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Biological Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Medical Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Life Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENCES	0	0	0	-	0	0	0	0	0	-	0	0
Economics	0	0	0	-	0	0	0	0	0	-	0	0
Political Science	0	0	0	-	0	0	0	0	0	-	0	0
Sociology	0	0	0	-	0	0	0	0	0	-	0	0
Social Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
OTHER SCIENCES, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

SEPARATELY BUDGETED RAD EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	100	147	103	-	110	230
Federal Government	100	147	103	-	110	230
State and Local Government	0	0	0	-	0	0
Industry	0	0	0	-	0	0
Institutional Funds	0	0	0	-	0	0
All Other Outside Sources	0	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1	1I	1I	-	1I	0	0	0I	0I	-	0I	0
Engineering	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Physical Sciences	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Environmental Sciences	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Math. & Computer Sci.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Life Sciences	0	1I	1I	-	1I	0	0	0I	0I	-	0	0
Psychology	0	0I	0I	-	0	0	0	0I	0I	-	0I	0
Social Sciences	1	0I	0I	-	0	0	0	0I	0I	-	0	0
Other Sciences, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,768	2,898	2,065	1,593	1,724	3,665	1,059	2,050	140	424	1,486
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	15	16	0	0	0	3	0	1,486	0	0	1,486
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,504	2,876	2,027	1,543	1,639	3,662	810	144	0	144	0
National Institutes of Health	55	109	135	113	88	158	160	144	0	144	0
ADAMHA	5	0	0	0	0	0	0	0	0	0	0
Office of Education	1,397	2,657	1,879	1,371	1,503	3,460	577	0	0	0	0
Other HHS	47	110	13	59	48	44	73	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	38	50	85	0	50	30	0	30	0
National Science Foundation	249	6	0	0	0	0	199	390	140	250	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars).

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,768	2,898	2,065	1,593	1,724	3,665	1,059	2,050
Research and Development	56	80	31	43	78	3	50	140
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	35	0	35	0	0	0	0	0
Fellowships & Training Grants	11	46	20	66	55	44	73	30
General Support for Science	304	115	135	113	88	158	359	394
Other Science	0	0	0	0	0	0	0	0
Non-Science	1,362	2,657	1,844	1,371	1,503	3,460	577	1,486

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NSF		
TOTAL	56	80	31	43	78	3	50	140	140	0	0
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	15	16	0	0	0	3	0	109	109	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	15	16	0	0	0	3	0	0	0	0	0
Physics	0	0	0	0	0	0	0	109	109	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	0	0	31	43	78	0	50	0	0	0	0
Biological Sciences	0	0	0	0	0	0	0	0	0	0	0
Medical Sciences	0	0	31	43	78	0	50	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	5	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	64	0	0	0	0	0	31	31	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	64	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	0	0	31	31	0	0
OTHER SCIENCES, n.e.c.	36	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	381	29	291	-	291	38	131	0	01	-	01	9
ENGINEERS	31	1	11	-	11	1	01	0	01	-	01	0
Aeronautical & Astronautical Engineers	11	0	01	-	0	0	01	0	01	-	01	0
Chemical Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Civil Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Electrical Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Mechanical Engineers	11	1	11	-	11	1	01	0	01	-	01	0
Engineers, n.e.c.	11	0	01	-	0	0	01	0	01	-	0	0
PHYSICAL SCIENTISTS	61	7	71	-	71	8	11	0	01	-	01	4
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	31	4	41	-	41	4	11	0	01	-	01	2
Physicists	31	3	31	-	31	3	01	0	01	-	01	0
Physical Scientists, n.e.c.	01	0	01	-	0	1	01	0	01	-	0	2
ENVIRONMENTAL SCIENTISTS	21	0	01	-	0	0	01	0	01	-	0	0
Atmospheric Scientists	01	0	01	-	0	0	01	0	01	-	0	0
Earth Scientists	21	0	01	-	0	0	01	0	01	-	0	0
Oceanographers	01	0	01	-	0	0	01	0	01	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	61	6	61	-	61	7	31	0	01	-	01	2
Mathematicians	51	5	51	-	51	7	31	0	01	-	01	2
Computer Scientists	11	1	11	-	11	0	01	0	01	-	01	0
LIFE SCIENTISTS	61	4	41	-	41	5	11	0	01	-	0	0
Agricultural Scientists	11	0	01	-	0	0	01	0	01	-	0	0
Biological Scientists	51	4	41	-	41	5	11	0	01	-	01	0
Medical Scientists	01	0	01	-	0	0	01	0	01	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	51	3	31	-	31	4	31	0	01	-	01	1
SOCIAL SCIENTISTS	101	8	81	-	81	13	51	0	01	-	01	2
Economists	21	2	21	-	21	1	11	0	01	-	01	1
Political Scientists	31	3	31	-	31	3	11	0	01	-	01	0
Sociologists	31	3	31	-	31	6	21	0	01	-	01	1
Social Scientists, n.e.c.	21	0	01	-	0	3	11	0	01	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

INSTITUTIONAL PROFILE: 003290 LINCOLN UNIVERSITY

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	22I	23	23I	-	23I	20	3I	0	0I	-	0I	0
FIRST PROFESSIONAL .....	1I	0	0I	-	0	1	0I	0	0I	-	0	1
MASTER'S .....	13I	5	5I	-	5I	16	8I	0	0I	-	0I	6
BACHELOR'S (or equivalent) .....	2I	1	1I	-	1I	1	2I	0	0I	-	0I	2

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	26	26I	-	26I	34	3	3I	-	3I	4
Engineers .....	1	1I	-	1I	1	0	0I	-	0I	0
Physical Scientists .....	7	7I	-	7I	8	0	0I	-	0I	0
Environmental Scientists .....	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists .....	6	6I	-	6I	6	0	0I	-	0I	1
Life Scientists .....	3	3I	-	3I	4	1	1I	-	1I	1
Psychologists .....	2	2I	-	2I	4	1	1I	-	1I	0
Social Scientists .....	7	7I	-	7I	11	1	1I	-	1I	2

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr. Sci	Non-Sci
TOTAL	916	500	912	1,507	989	893	169	257	0	0	257
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	257	0	0	257
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	644	499	912	1,507	989	893	169	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	644	499	912	1,507	989	893	169	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	1	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	916	500	912	1,507	989	893	169	257
Research and Development	272	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	1	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	644	499	912	1,507	989	893	169	257

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	24I	11	14	-	14I	15I	34I	4	7	-	8I	9I
ENGINEERS	0I	0	0	-	0	0	1I	0	0	-	0	0
Aeronautical & Astronautical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Chemical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Civil Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Electrical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Mechanical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Engineers, n.e.c.	0I	0	0	-	0	0	1I	0	0	-	0	0
PHYSICAL SCIENTISTS	5I	0	3	-	3I	4I	5I	4	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3I	0	2	-	2I	2I	2I	1	0	-	0I	0I
Physicists	2I	0	1	-	1I	2I	2I	1	0	-	0I	0I
Physical Scientists, n.e.c.	0I	0	0	-	0	0	1I	2	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1I	0	0	-	0	0	1I	0	0	-	0	0
Atmospheric Scientists	0I	0	0	-	0	0	1I	0	0	-	0	0
Earth Scientists	1I	0	0	-	0	0	0I	0	0	-	0	0
Oceanographers	0I	0	0	-	0	0	0I	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3I	0	2	-	2I	2I	5I	0	1	-	1I	1I
Mathematicians	3I	0	2	-	2I	2I	4I	0	1	-	1I	1I
Computer Scientists	0I	0	0	-	0	0	1I	0	0	-	0	0
LIFE SCIENTISTS	4I	0	2	-	2I	2I	4I	0	0	-	0I	0I
Agricultural Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Biological Scientists	3I	0	2	-	2I	2I	3I	0	0	-	0I	0I
Medical Scientists	1I	0	0	-	0	0	1I	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	3I	4	1	-	1I	1I	6I	0	0	-	0I	0I
SOCIAL SCIENTISTS	8I	7	6	-	6I	6I	12I	0	6	-	7I	8I
Economists	3I	0	1	-	1I	1I	3I	0	0	-	0I	0I
Political Scientists	2I	1	1	-	1I	1I	3I	0	0	-	0I	0I
Sociologists	2I	2	2	-	2I	2I	4I	0	2	-	2I	2I
Social Scientists, n.e.c.	1I	4	2	-	2I	2I	2I	0	4	-	5I	6I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	15I	8	4	-	4I	5I	11I	1	1E	-	1I	1I
FIRST PROFESSIONAL	1I	0	0	-	0	0	1I	0	0	-	0	0
MASTER'S	7I	3	10	-	10I	10I	18I	3	6E	-	7I	8I
BACHELOR'S (or equivalent)	1I	0	0	-	0	0	4I	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	6	11	-	11I	12I	5	3	-	3I	3I
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	0	3	-	3I	4I	0	0	-	0I	0I
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	0	0	-	0I	0I	0	2	-	2I	2I
Life Scientists	0	1	-	1I	1I	0	1	-	1I	1I
Psychologists	2	1	-	1I	1I	2	0	-	0I	0I
Social Scientists	4	6	-	6I	6I	3	0	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,077	2,836	2,218	2,382	3,547	5,005	1,608	2,403	89	308	2,006
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,947	0	0	1,947
Environmental Protection Agency	0	0	27	0	0	0	34	89	89	0	0
Dept. of Health & Human Services	1,052	2,808	2,167	2,382	3,547	5,005	1,574	367	0	308	59
National Institutes of Health	0	202	6	140	182	138	292	308	0	308	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,023	2,588	2,161	2,242	3,365	4,820	1,227	0	0	0	0
Other HHS	29	18	0	0	0	47	55	59	0	0	59
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	22	24	0	0	0	0	0	0	0	0
National Science Foundation	25	6	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,077	2,836	2,218	2,382	3,547	5,005	1,608	2,403
Research and Development	1	40	51	0	0	0	34	89
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	29	0	0	0	55	45	43	48
General Support for Science	0	208	6	140	127	93	249	260
Other Science	24	0	0	0	0	0	0	0
Non-Science	1,023	2,588	2,161	2,242	3,365	4,867	1,282	2,006

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	EPA		
TOTAL	1	40	51	-	-	-	34	89	89	0	0
ENGINEERING	0	0	0	-	-	-	0	0	0	0	0
Aeronautical	0	0	0	-	-	-	0	0	0	0	0
Astronautical	0	0	0	-	-	-	0	0	0	0	0
Chemical	0	0	0	-	-	-	0	0	0	0	0
Civil	0	0	0	-	-	-	0	0	0	0	0
Electrical	0	0	0	-	-	-	0	0	0	0	0
Mechanical	0	0	0	-	-	-	0	0	0	0	0
Metallurgy and Materials	0	0	0	-	-	-	0	0	0	0	0
Engineering, n.e.c.	0	0	0	-	-	-	0	0	0	0	0
PHYSICAL SCIENCES	0	0	51	-	-	-	34	0	0	0	0
Astronomy	0	0	0	-	-	-	0	0	0	0	0
Chemistry	0	0	51	-	-	-	0	0	0	0	0
Physics	0	0	0	-	-	-	34	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	-	-	-	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	22	0	-	-	-	0	89	89	0	0
Atmospheric Sciences	0	0	0	-	-	-	0	0	0	0	0
Geological Sciences	0	0	0	-	-	-	0	0	0	0	0
Oceanography	0	0	0	-	-	-	0	0	0	0	0
Environmental Sciences, n.e.c.	0	22	0	-	-	-	0	89	89	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	-	-	-	0	0	0	0	0
LIFE SCIENCES	0	0	0	-	-	-	0	0	0	0	0
Biological Sciences	0	0	0	-	-	-	0	0	0	0	0
Medical Sciences	0	0	0	-	-	-	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	-	-	-	0	0	0	0	0
PSYCHOLOGY	0	0	0	-	-	-	0	0	0	0	0
SOCIAL SCIENCES	0	18	0	-	-	-	0	0	0	0	0
Economics	0	0	0	-	-	-	0	0	0	0	0
Political Science	0	0	0	-	-	-	0	0	0	0	0
Sociology	0	18	0	-	-	-	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	-	-	-	0	0	0	0	0
OTHER SCIENCES, n.e.c.	1	0	0	-	-	-	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	32	43	34	-	38	44	2	1	3	-	2	3
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	5	5	5	-	6	6	1	0	1	-	0	1
Astronomers	-	-	0	-	0	0	-	-	-	-	0	0
Chemists	3	4	3	-	4	3	1	0	1	-	0	0
Physicists	2	1	2	-	2	3	0	0	0	-	0	0
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	1	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	1	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	11	15	14	-	11	12	0	0	0	-	1	0
Mathematicians	11	15	14	-	9	10	0	0	0	-	1	0
Computer Scientists	0	0	0	-	2	2	0	0	0	-	0	0
LIFE SCIENTISTS	5	5	4	-	5	5	0	0	0	-	0	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	5	5	4	-	5	5	0	0	0	-	0	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	1	0	-	0	1	0	0	0	-	0	0
SOCIAL SCIENTISTS	11	16	11	-	16	20	1	1	2	-	1	2
Economists	3	5	2	-	3	3	0	0	0	-	0	0
Political Scientists	2	3	2	-	3	3	0	0	0	-	0	0
Sociologists	5	6	3	-	4	5	1	0	2	-	0	1
Social Scientists, n.e.c.	1	2	3	-	6	9	0	0	0	-	0	1

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	17	23	17	-	18	23	1	1	2	-	0	1
FIRST PROFESSIONAL .....	15	0	0	-	0	0	1	0	0	-	0	0
MASTER'S .....	0	20	16	-	20	21	0	0	0	-	2	2
BACHELOR'S (or equivalent) .....	0	0	1	-	0	0	0	0	1	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	33	27	-	30	34	10	7	-	8	10
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	5	5	-	6	6	0	0	-	0	0
Environmental Scientists .....	1	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	13	11	-	8	9	2	3	-	3	3
Life Scientists .....	2	2	-	3	3	3	2	-	2	2
Psychologists .....	0	0	-	0	0	1	0	-	0	1
Social Scientists .....	12	9	-	13	16	4	2	-	3	4

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	749	890	1,051	1,557	2,202	1,878	534	1,000	31	0	969
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	969	0	0	969
Environmental Protection Agency	0	0	0	0	0	0	0	20	20	0	0
Dept. of Health & Human Services	595	890	1,035	1,535	2,055	1,878	38	11	11	0	0
National Institutes of Health	0	0	0	0	0	0	496	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	595	890	1,035	1,535	2,055	1,878	496	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	154	0	16	0	141	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	749	890	1,051	1,557	2,202	1,878	534	1,000
Research and Development	0	0	0	22	6	0	38	31
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	154	0	0	0	141	0	0	0
Other Science	0	0	16	0	0	0	0	0
Non-Science	595	890	1,035	1,535	2,055	1,878	496	969

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	DOE	EPA	
TOTAL	-	-	-	22	6	-	38	31	20	11	0
ENGINEERING	-	-	-	0	0	-	0	0	0	0	0
Aeronautical	-	-	-	0	0	-	0	0	0	0	0
Astronautical	-	-	-	0	0	-	0	0	0	0	0
Chemical	-	-	-	0	0	-	0	0	0	0	0
Civil	-	-	-	0	0	-	0	0	0	0	0
Electrical	-	-	-	0	0	-	0	0	0	0	0
Mechanical	-	-	-	0	0	-	0	0	0	0	0
Metallurgy and Materials	-	-	-	0	0	-	0	0	0	0	0
Engineering, n.e.c.	-	-	-	0	0	-	0	0	0	0	0
PHYSICAL SCIENCES	-	-	-	22	6	-	38	31	20	11	0
Astronomy	-	-	-	0	0	-	0	0	0	0	0
Chemistry	-	-	-	22	6	-	38	31	20	11	0
Physics	-	-	-	0	0	-	0	0	0	0	0
Physical Sciences, n.e.c.	-	-	-	0	0	-	0	0	0	0	0
ENVIRONMENTAL SCIENCES	-	-	-	0	0	-	0	0	0	0	0
Atmospheric Sciences	-	-	-	0	0	-	0	0	0	0	0
Geological Sciences	-	-	-	0	0	-	0	0	0	0	0
Oceanography	-	-	-	0	0	-	0	0	0	0	0
Environmental Sciences, n.e.c.	-	-	-	0	0	-	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	-	-	-	0	0	-	0	0	0	0	0
LIFE SCIENCES	-	-	-	0	0	-	0	0	0	0	0
Biological Sciences	-	-	-	0	0	-	0	0	0	0	0
Medical Sciences	-	-	-	0	0	-	0	0	0	0	0
Life Sciences, n.e.c.	-	-	-	0	0	-	0	0	0	0	0
PSYCHOLOGY	-	-	-	0	0	-	0	0	0	0	0
SOCIAL SCIENCES	-	-	-	0	0	-	0	0	0	0	0
Economics	-	-	-	0	0	-	0	0	0	0	0
Political Science	-	-	-	0	0	-	0	0	0	0	0
Sociology	-	-	-	0	0	-	0	0	0	0	0
Social Sciences, n.e.c.	-	-	-	0	0	-	0	0	0	0	0
OTHER SCIENCES, n.e.c.	-	-	-	0	0	-	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	19	23	22	-	22	18	2	2	3	-	1	1
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	6	6	5	-	4	3	0	1	1	-	1	1
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	5	4	4	-	3	2	0	1	1	-	1	1
Physicists	1	1	1	-	1	1	0	0	0	-	0	0
Physical Scientists, n.e.c.	0	1	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1	0	1	-	1	1	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	1	0	1	-	1	1	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	4	4	5	-	6	5	0	0	1	-	0	0
Mathematicians	4	4	5	-	5	5	0	0	0	-	0	0
Computer Scientists	0	0	0	-	1	0	0	0	1	-	0	0
LIFE SCIENTISTS	5	5	5	-	5	5	0	0	0	-	0	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	5	5	5	-	5	5	0	0	0	-	0	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	1	1	-	1	1	0	0	0	-	0	0
SOCIAL SCIENTISTS	2	7	5	-	5	3	2	1	1	-	0	0
Economists	0	0	0	-	0	0	1	0	0	-	0	0
Political Scientists	1	1	1	-	1	1	0	0	0	-	0	0
Sociologists	1	2	1	-	2	2	1	0	0	-	0	0
Social Scientists, n.e.c.	0	4	3	-	2	0	0	1	1	-	0	0

SGURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	12	9	10	-	12	11	1	2	3	-	1	1
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	7	13	12	-	10	7	1	0	0	-	0	0
BACHELOR'S (or equivalent)	0	1	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	17	14	-	15	13	6	8	-	7	5
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	4	4	-	4	3	2	1	-	0	0
Environmental Scientists	0	0	-	0	0	0	1	-	1	1
Mathematical & Computer Scientists	4	4	-	5	4	0	1	-	1	1
Life Scientists	3	3	-	3	3	2	2	-	2	2
Psychologists	1	1	-	1	1	0	0	-	0	0
Social Scientists	5	2	-	2	2	2	3	-	3	1

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



INSTITUTIONAL PROFILE: 005363 DENMARK TECHNICAL COLLEGE

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	-	-	-	-	-	137	0	0	0	0	0
Department of Agriculture	-	-	-	-	-	0	0	0	0	0	0
Department of Commerce	-	-	-	-	-	0	0	0	0	0	0
Department of Defense	-	-	-	-	-	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	-	-	-	-	-	0	0	0	0	0	0
Environmental Protection Agency	-	-	-	-	-	0	0	0	0	0	0
Dept. of Health & Human Services	-	-	-	-	-	0	0	0	0	0	0
National Institutes of Health	-	-	-	-	-	0	0	0	0	0	0
ADAMHA	-	-	-	-	-	0	0	0	0	0	0
Office of Education	-	-	-	-	-	0	0	0	0	0	0
Other HHS	-	-	-	-	-	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	-	-	-	-	-	0	0	0	0	0	0
Department of the Interior	-	-	-	-	-	0	0	0	0	0	0
AID	-	-	-	-	-	0	0	0	0	0	0
Department of Labor	-	-	-	-	-	0	0	0	0	0	0
NASA	-	-	-	-	-	0	0	0	0	0	0
National Science Foundation	-	-	-	-	-	0	0	0	0	0	0
Nuclear Regulatory Commission	-	-	-	-	-	137	0	0	0	0	0
Department of Transportation	-	-	-	-	-	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	-	-	-	-	-	137	0	0
Research and Development	-	-	-	-	-	0	0	0
R&D Plant	-	-	-	-	-	0	0	0
Facilities for Instruction	-	-	-	-	-	0	0	0
Fellowships & Training Grants	-	-	-	-	-	0	0	0
General Support for Science	-	-	-	-	-	0	0	0
Other Science	-	-	-	-	-	137	0	0
Non-Science	-	-	-	-	-	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	-	-	-	-	5	13	-	-	-	-	1	0
ENGINEERS	-	-	-	-	2	5	-	-	-	-	1	0
Aeronautical & Astronautical Engineers	-	-	-	-	0	0	-	-	-	-	1	0
Chemical Engineers	-	-	-	-	0	0	-	-	-	-	0	0
Civil Engineers	-	-	-	-	0	2	-	-	-	-	1	0
Electrical Engineers	-	-	-	-	1	3	-	-	-	-	0	0
Mechanical Engineers	-	-	-	-	0	0	-	-	-	-	0	0
Engineers, n.e.c.	-	-	-	-	1	0	-	-	-	-	0	0
PHYSICAL SCIENTISTS	-	-	-	-	2	1	-	-	-	-	0	0
Astronomers	-	-	-	-	0	0	-	-	-	-	0	0
Chemists	-	-	-	-	1	1	-	-	-	-	0	0
Physicists	-	-	-	-	1	0	-	-	-	-	0	0
Physical Scientists, n.e.c.	-	-	-	-	0	0	-	-	-	-	0	0
ENVIRONMENTAL SCIENTISTS	-	-	-	-	0	1	-	-	-	-	0	0
Atmospheric Scientists	-	-	-	-	0	0	-	-	-	-	0	0
Earth Scientists	-	-	-	-	0	1	-	-	-	-	0	0
Oceanographers	-	-	-	-	0	0	-	-	-	-	0	0
Environmental Scientists, n.e.c.	-	-	-	-	0	0	-	-	-	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	-	-	-	-	1	3	-	-	-	-	0	0
Mathematicians	-	-	-	-	1	2	-	-	-	-	0	0
Computer Scientists	-	-	-	-	0	1	-	-	-	-	0	0
LIFE SCIENTISTS	-	-	-	-	0	2	-	-	-	-	0	0
Agricultural Scientists	-	-	-	-	0	0	-	-	-	-	0	0
Biological Scientists	-	-	-	-	0	1	-	-	-	-	0	0
Medical Scientists	-	-	-	-	0	0	-	-	-	-	0	0
Life Scientists, n.e.c.	-	-	-	-	0	1	-	-	-	-	0	0
PSYCHOLOGISTS	-	-	-	-	0	0	-	-	-	-	0	0
SOCIAL SCIENTISTS	-	-	-	-	0	1	-	-	-	-	0	0
Economists	-	-	-	-	0	0	-	-	-	-	0	0
Political Scientists	-	-	-	-	0	0	-	-	-	-	0	0
Sociologists	-	-	-	-	0	1	-	-	-	-	0	0
Social Scientists, n.e.c.	-	-	-	-	0	0	-	-	-	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	DOCTOR'S .....	-	-	-	-	0	0	-	-	-	-	0
FIRST PROFESSIONAL .....	-	-	-	-	0	0	-	-	-	-	0	0
MASTER'S .....	-	-	-	-	5	7	-	-	-	-	0	0
BACHELOR'S (or equivalent) .....	-	-	-	-	0	6	-	-	-	-	1	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL .....	-	-	-	4	12	-	-	-	1
Engineers .....	-	-	-	2	5	-	-	-	0	0
Physical Scientists .....	-	-	-	2	1	-	-	-	0	0
Environmental Scientists .....	-	-	-	0	1	-	-	-	0	0
Mathematical & Computer Scientists .....	-	-	-	0	3	-	-	-	1	0
Life Scientists .....	-	-	-	0	2	-	-	-	0	0
Psychologists .....	-	-	-	0	0	-	-	-	0	0
Social Scientists .....	-	-	-	0	0	-	-	-	0	1

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/25/82

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\*  
\* INSTITUTIONAL PROFILE \*  
\*  
\* 003433 \*  
\* FRIENDSHIP COLLEGE \*  
\* Private Two-Year Program \*  
\* CARNEGIE COUNCIL CATEGORY: 4.1 \*  
\*  
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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INSTITUTIONAL PROFILE: 003433 FRIENDSHIP COLLEGE

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS*								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	65	277	138	156	128	173	133	190	0	0	190
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	190	0	0	190
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	64	197	138	156	128	173	133	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	64	197	138	156	128	173	133	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	1	80	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	65	277	138	156	128	173	133	190
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	1	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	80	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	64	197	138	156	128	173	133	190

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	4	3	3I	-	3I	3I	1	0	0I	-	0I	0I
ENGINEERS	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Physicists	0	0	0I	-	0	0	0	0	0I	-	0	0
Physical Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	1	0	0I	-	0	0	0	0	0I	-	0	0
Mathematicians	1	0	0I	-	0	0	0	0	0I	-	0	0
Computer Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
LIFE SCIENTISTS	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENTISTS	1	1	1I	-	1I	1I	1	0	0I	-	0I	0I
Economists	0	0	0I	-	0	0	0	0	0I	-	0	0
Political Scientists	0	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Sociologists	0	0	0I	-	0	0	1	0	0I	-	0	0
Social Scientists, n.e.c.	1	0	0I	-	0	0	0	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

INSTITUTIONAL PROFILE: 003433 FRIENDSHIP COLLEGE

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
FIRST PROFESSIONAL	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S	3	2	2I	-	2I	2I	1	0	0I	-	0I	0I
BACHELOR'S (or equivalent)	0	0	0I	-	0	0	0	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	3	3I	-	3I	3I	0	0I	-	0I	0I
Engineers	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists	1	1I	-	1I	1I	0	0I	-	0I	0I
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	0	0I	-	0	0	0	0I	-	0	0
Life Scientists	1	1I	-	1I	1I	0	0I	-	0I	0I
Psychologists	0	0I	-	0	0	0	0I	-	0	0
Social Scientists	1	1I	-	1I	1I	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	512	793	959	1,321	1,743	1,958	1,249	1,153	0	0	1,153
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,153	0	0	1,153
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	481	793	959	1,321	1,743	1,958	1,249	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
AOAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	481	768	959	1,321	1,743	1,958	1,249	0	0	0	0
Other HHS	0	25	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AIO	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	31	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	512	793	959	1,321	1,743	1,958	1,249	1,153
Research and Development	0	0	0	0	0	0	0	0
RAO Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	31	0	0	0	0	0	0	0
Non-Science	481	793	959	1,321	1,743	1,958	1,249	1,153

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	8I	8I	8I	-	8I	11	0I	0I	0I	-	0I
ENGINEERS	1I	1I	1I	-	1I	0	0I	0I	0I	-	0I	0
Aeronautical & Astronautical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0I	0
Chemical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Civil Engineers	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Electrical Engineers	0I	1I	1I	-	1I	0	0I	0I	0I	-	0	0
Mechanical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Engineers, n.e.c.	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
PHYSICAL SCIENTISTS	1I	1I	1I	-	1I	2	0I	0I	0I	-	0I	0
Astronomers	-	-	0	-	0	1	-	-	0	-	0	0
Chemists	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Physicists	0I	1I	1I	-	1I	1	0I	0I	0I	-	0	0
Physical Scientists, n.e.c.	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Atmospheric Scientists	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Earth Scientists	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Oceanographers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2I	1I	1I	-	1I	4	0I	0I	0I	-	0I	0
Mathematicians	1I	1I	1I	-	1I	4	0I	0I	0I	-	0I	0
Computer Scientists	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
LIFE SCIENTISTS	1I	1I	1I	-	1I	2	0I	0I	0I	-	0I	0
Agricultural Scientists	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Biological Scientists	1I	1I	1I	-	1I	2	0I	0I	0I	-	0	0
Medical Scientists	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1I	1I	1I	-	1I	0	0I	0I	0I	-	0I	0
SOCIAL SCIENTISTS	2I	3I	3I	-	3I	3	0I	0I	0I	-	0I	0
Economists	0I	0I	0I	-	0	1	0I	0I	0I	-	0I	0
Political Scientists	1I	2I	2I	-	2I	1	0I	0I	0I	-	0	0
Sociologists	1I	1I	1I	-	1I	1	0I	0I	0I	-	0I	0
Social Scientists, n.e.c.	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	5I	5I	5I	-	5I	3	0I	0I	0I	-	0I	0
FIRST PROFESSIONAL .....	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
MASTER'S .....	3I	2I	2I	-	2I	5	0I	0I	0I	-	0I	0
BACHELOR'S (or equivalent) .....	0I	1I	1I	-	1I	3E	0I	0I	0I	-	0I	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	6I	6I	-	6I	8	2I	2I	-	2I	3
Engineers .....	1I	1I	-	1I	0	0I	0I	-	0I	0
Physical Scientists .....	1I	1I	-	1I	2	0I	0I	-	0I	0
Environmental Scientists .....	0I	0I	-	0	0	0I	0I	-	0	0
Mathematical & Computer Scientists .....	1I	1I	-	1I	2	0I	0I	-	0I	2
Life Scientists .....	1I	1I	-	1I	2	0I	0I	-	0I	0
Psychologists .....	0I	0I	-	0I	0	1I	1I	-	1I	0
Social Scientists .....	2I	2I	-	2I	2	1I	1I	-	1I	1

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



INSTITUTIONAL PROFILE: 003446 SOUTH CAROLINA STATE COLLEGE

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	403	585	632I	-	486	508E	398	585	620I	-	486	508E
ENGINEERING	0	0	0I	-	0	0	0	0	0I	-	0	0
Acro/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	20	110	118I	-	147	154E	18	110	117I	-	147	154E
Astronomy	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemistry	0	85	92I	-	36	0	0	0	0I	-	0	0
Physics	20	25	26I	-	111	38E	18	85	91I	-	36	0
Physical Sci., n.e.c.	0	0	0I	-	0	116E	0	25	26I	-	111	38E
ENVIRONMENTAL SCIENCES	45	0	0I	-	0	0	45	0	0I	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI	0	0	2I	-	0	0	0	0	0I	-	0	0
Mathematics	0	0	1I	-	0	0	0	0	0I	-	0	0
Computer Science	0	0	1I	-	0	0	0	0	0I	-	0	0
LIFE SCIENCES	248	371	396I	-	339	354E	248	371	393I	-	339	354E
Agricultural Sciences	0	0	1I	-	213	223E	0	0	0I	-	213	223E
Biological Sciences	248	371	394I	-	126	131E	248	371	393I	-	126	131E
Medical Sciences	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Sci., n.e.c.	0	0	1I	-	0	0	0	0	0I	-	0	0
PSYCHOLOGY	0	0	1I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENCES	90	104	114I	-	0	0	87	104	110I	-	0	0
Economics	87	0	0I	-	0	0	87	0	0I	-	0	0
Political Science	0	40	43I	-	0	0	0	40	42I	-	0	0
Sociology	0	64	70I	-	0	0	0	64	68I	-	0	0
Social Sci., n.e.c.	3	0	1I	-	0	0	0	0	0I	-	0	0
OTHER SCIENCES, n.e.c.	0	0	1I	-	0	0	0	0	0I	-	0	0

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INSTITUTIONAL PROFILE: 003446 SOUTH CAROLINA STATE COLLEGE

SEPARATELY BUOGETEO R&O EXPENOITURES IN THE SCIENCES ANO ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNOS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	403	585	632I	-	486	508E
Federal Government	398	585	620I	-	486	508E
State and Local Government	0	0	3I	-	0	0
Industry	0	0	1I	-	0	0
Institutional Funds	5	0	6I	-	0	0
All Other Outside Sources	0	0	2I	-	0	0

CAPITAL EXPENOITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD; FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	0	0I	0I	-	346	357E	0	0I	0I	-	196	202E
Engineering	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Physical Sciences	0	0I	0I	-	231	238E	0	0I	0I	-	0	0
Environmental Sciences	0	0I	0I	-	0	0	0	0I	0I	-	81	83E
Math. & Computer Sci.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Life Sciences	0	0I	0I	-	115	119E	0	0I	0I	-	0	0
Psychology	0	0I	0I	-	0	0	0	0I	0I	-	115	119E
Social Sciences	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Other Sciences, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

INSTITUTIONAL PROFILE: 003448 SOUTH CAROLINA STATE COLLEGE

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,482	3,162	2,700	3,254	5,420	4,903	3,108	6,270	924	679	4,667
Department of Agriculture	949	927	834	909	1,154	1,239	1,356	1,436	924	512	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	4,667	0	0	4,667
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	981	2,183	1,798	2,345	4,266	3,664	1,752	167	0	167	0
National Institutes of Health	95	63	69	73	167	90	126	167	0	167	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	747	1,847	1,694	2,185	4,029	3,516	1,559	0	0	0	0
Other HMS	139	273	35	87	70	58	67	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	21	0	22	0	0	0	0	0	0	0	0
National Science Foundation	305	52	46	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT, FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,482	3,162	2,700	3,254	5,420	4,903	3,108	6,270
Research and Development	620	600	673	699	735	778	859	924
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	139	46	35	87	70	58	67	47
General Support for Science	338	72	69	73	167	90	126	120
Other Science	412	370	229	210	419	461	497	512
Non-Science	973	2,074	1,694	2,185	4,029	3,516	1,559	4,667

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA		
TOTAL	620	600	673	699	735	778	859	924	924	0	0
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	21	0	22	0	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0
Physics	21	0	22	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	337	525	311	699	607	344	378	111	111	0	0
Biological Sciences	337	525	311	699	607	344	60	0	0	0	0
Medical sciences	0	0	0	0	0	0	318	111	111	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	262	75	340	0	128	434	481	813	813	0	0
Economics	101	0	0	0	0	0	0	74	74	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	161	0	0	0	0	434	481	739	739	0	0
Social Sciences, n.e.c.	0	75	340	0	128	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	61	51	53	-	64	66I	3	1	1	-	2	2I
ENGINEERS	5	4	4	-	6	6I	0	0	0	-	2	2I
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	2	2I	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	2	2I	0	0	0	-	1	1I
Mechanical Engineers	0	0	0	-	2	2I	0	0	0	-	1	1I
Engineers, n.e.c.	5	4	4	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	13	14	12	-	12	12I	0	0	0	-	0	0I
Astronomers	0	0	0	-	0	0	0	0	0	-	0	0
Chemists	8	8	7	-	7	7I	0	0	0	-	0	0
Physicists	5	6	5	-	5	5I	0	0	0	-	0	0I
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1	1	1	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	1	1	1	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	14	6	6	-	14	15I	1	1	1	-	0	0I
Mathematicians	12	6	6	-	14	15I	1	0	0	-	0	0I
Computer Scientists	2	0	0	-	0	0	0	1	1	-	0	0
LIFE SCIENTISTS	11	11	13	-	14	14I	0	0	0	-	0	0I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	11	11	13	-	14	14I	0	0	0	-	0	0I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	5	4	3	-	4	4I	1	0	0	-	0	0I
SOCIAL SCIENTISTS	12	11	14	-	14	15I	1	0	0	-	0	0I
Economists	3	4	5	-	5	6I	0	0	0	-	0	0I
Political Scientists	2	2	3	-	4	4I	0	0	0	-	0	0I
Sociologists	4	5	6	-	5	5I	1	0	0	-	0	0I
Social Scientists, n.e.c.	3	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	30	35	37	-	38	39I	1	0	0	-	0	0I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	31	16	16	-	26	27I	2	1	1	-	2	2I
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	40	44	-	53	55I	11	9	-	11	11I
Engineers .....	4	4	-	6	6I	0	0	-	0	0I
Physical Scientists .....	12	11	-	11	11I	2	1	-	1	1I
Environmental Scientists .....	0	0	-	0	0	1	1	-	0	0
Mathematical & Computer Scientists .....	6	6	-	11	12I	0	0	-	3	3I
Life Scientists .....	9	10	-	10	10I	2	3	-	4	4I
Psychologists .....	3	3	-	4	4I	1	0	-	0	0I
Social Scientists .....	6	10	-	11	12I	5	4	-	3	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL	1,247	1,926	1,017	2,107	3,784	2,116	591	1,336	0	119	1,217
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,217	0	0	1,217
Environmental Protection Agency	51	58	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	836	1,552	1,017	2,107	3,784	2,116	591	119	0	119	0
National Institutes of Health	0	0	0	0	0	105	126	119	0	119	0
ADAMHA	0	0	0	0	0	0	0	0	0	119	0
Office of Education	836	1,552	1,017	2,107	3,784	2,011	460	0	0	0	0
Other HHS	0	0	0	0	0	0	5	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	316	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT; FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,247	1,926	1,017	2,107	3,784	2,116	591	1,336
Research and Development	411	58	0	0	0	0	5	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	316	0	0	0	0	0	0
Other Science	0	0	0	0	0	105	126	119
Non-Science	836	1,552	1,017	2,107	3,784	2,011	460	1,217

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	18	18	13	-	7	7I	1	1	1	-	1	1I
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	4	4	3	-	2	2I	1	1	1	-	1	1I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3	3	2	-	1	1I	1	1	1	-	1	1I
Physicists	1	1	1	-	1	1I	0	0	0	-	0	0I
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	5	5	4	-	2	2I	0	0	0	-	0	0I
Mathematicians	5	5	4	-	2	2I	0	0	0	-	0	0I
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	5	6	3	-	3	3I	0	0	0	-	0	0I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	5	6	3	-	3	3I	0	0	0	-	0	0I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENTISTS	4	3	3	-	0	0	0	0	0	-	0	0
Economists	1	0	0	-	0	0	0	0	0	-	0	0
Political Scientists	1	1	1	-	0	0	0	0	0	-	0	0
Sociologists	2	2	2	-	0	0	0	0	0	-	0	0
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	13	12	8	-	7	7I	1	1	1	-	1	1I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	5	6	5	-	0	0	0	0	0	-	0	0
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	16	10	-	7	7I	2	3	-	0	0I
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	3	2	-	2	2I	1	1	-	0	0I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	4	3	-	2	2I	1	1	-	0	0I
Life Scientists .....	6	3	-	3	3I	0	0	-	0	0I
Psychologists .....	0	0	-	0	0	0	0	-	0	0
Social Scientists .....	3	2	-	0	0	0	1	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	253	194	140	-	176I	197I	243	179	140	-	176I	197I
ENGINEERING	0	6I	4I	-	5I	6I	0	5I	4I	-	5I	6I
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	5I	-	-	-	-	-	5I
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	1I	-	-	-	-	-	1I
						0						0
PHYSICAL SCIENCES	34	44I	29I	-	36I	40I	34	37I	29I	-	36I	40I
Astronomy	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Chemistry	0	23I	17I	-	21I	23I	0	21I	17I	-	21I	23I
Physics	34	16I	10I	-	12I	13I	34	14I	10I	-	12I	13I
Physical Sci., n.e.c.	0	5I	2I	-	3I	4I	0	2I	2I	-	3I	4I
ENVIRONMENTAL SCIENCES	0	38I	29I	-	37I	42I	0	37I	29I	-	37I	42I
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	3I	-	-	-	-	-	3I
Oceanographic Sci.	-	-	-	-	-	25I	-	-	-	-	-	25I
Env't'l Sci., n.e.c.	-	-	-	-	-	14I	-	-	-	-	-	14I
MATH. & COMPUTER SCI.	0	3I	3I	-	4I	4I	0	3I	3I	-	4I	4I
Mathematics	0	2I	2I	-	2I	2I	0	2I	2I	-	2I	2I
Computer Science	0	1I	1I	-	2I	2I	0	1I	1I	-	2I	2I
LIFE SCIENCES	90	37I	28I	-	36I	40I	90	36I	28I	-	36I	40I
Agricultural Sciences	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Biological Sciences	90	37I	28I	-	36I	40I	90	36I	28I	-	36I	40I
Medical Sciences	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Life Sci., n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
PSYCHOLOGY	10	15I	11I	-	13I	15I	0	14I	11I	-	13I	15I
SOCIAL SCIENCES	119E	44I	32I	-	40I	44I	119E	41I	32I	-	40I	44I
Economics	0	2I	2I	-	3I	3I	0	2I	2I	-	3I	3I
Political Science	0	3I	1I	-	1I	1I	0	2I	1I	-	1I	1I
Sociology	119E	1I	1I	-	1I	1I	119E	1I	1I	-	1I	1I
Social Sci., n.e.c.	0	38I	28I	-	35I	39I	0	36I	28I	-	35I	39I
OTHER SCIENCES, n.e.c.	0	7I	4I	-	5I	6I	0	6I	4I	-	5I	6I

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	253	194	140	-	176I	197I
Federal Government	243	179	140	-	176I	197I
State and Local Government	0	0	0	-	0	0
Industry	0	0	0	-	0	0
Institutional Funds	0	0	0	-	0	0
All Other Outside Sources	10	15E	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	73	0	0I	-	0I	0I	73	0	0I	-	0I	0I
Engineering	0	0	0I	-	0	0	0	0	0I	-	0	0
Physical Sciences	26	0	0I	-	0	0	26	0	0I	-	0	0
Environmental Sciences	0	0	0I	-	0	0	0	0	0I	-	0	0
Math. & Computer Sci.	26	0	0I	-	0	0	26	0	0I	-	0	0
Life Sciences	17	0	0I	-	0	0	17	0	0I	-	0	0
Psychology	0	0	0I	-	0	0	0	0	0I	-	0	0
Social Sciences	4	0	0I	-	0	0	4	0	0I	-	0	0
Other Sciences, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS									1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci	
TOTAL	1,539	3,294	2,262	1,368	1,461	3,419	1,022	1,811	65	529	1,217	
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0	
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0	
Department of Defense	0	35	0	0	0	0	0	0	0	0	0	
Department of Education	0	0	0	0	0	0	0	0	0	0	0	
Department of Energy	1	0	0	0	0	0	0	1,217	0	0	1,217	
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0	
Dept. of Health & Human Services	1,579	2,936	2,192	1,318	1,398	3,319	926	484	0	484	0	
National Institutes of Health	143	76	78	69	165	203	275	369	0	369	0	
ADAMHA	102	309	136	136	0	0	0	0	0	0	0	
Office of Education	1,252	2,551	1,780	1,032	1,155	3,045	548	0	0	0	0	
Other HHS	82	0	198	81	78	71	103	115	0	115	0	
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0	
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0	
AID	0	0	0	0	0	0	0	0	0	0	0	
Department of Labor	0	0	0	0	0	0	0	0	0	0	0	
NASA	0	48	50	50	63	79	80	65	65	0	0	
National Science Foundation	59	275	20	0	0	21	16	45	0	45	0	
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0	
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0	

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,639	3,294	2,262	1,368	1,461	3,419	1,022	1,811
Research and Development	102	252	70	50	63	79	95	65
R&D Plant	0	0	0	0	0	0	0	0
Facilities	37	0	0	0	0	0	0	0
Instruction	83	140	0	81	78	156	186	281
Fellowships	149	328	78	69	165	139	193	248
Training Grants	53	23	0	0	0	0	0	0
General Support for Science	53	23	0	0	0	0	0	0
Other Science	53	23	0	0	0	0	0	0
Non-Science	1,215	2,551	2,114	1,168	1,155	3,045	548	1,217

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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INSTITUTIONAL PROFILE: 003490 FISK UNIVERSITY

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA		
TOTAL	102	252	70	50	63	79	95	65	65	0	0
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	48	70	50	63	79	80	65	65	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	25	29	2	0	0	0	0	0
Physics	0	48	70	5	34	77	80	65	65	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Biological Sciences	0	0	0	0	0	0	0	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	102	204	0	0	0	0	15	0	0	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	102	204	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	0	15	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges, and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	44	40	-	36	35	32	25	0	29	28
Men	-	-	-	18	13	-	-	-	13	8
Women	-	-	-	18	22	-	-	-	16	20
First Year	-	-	-	19	18	-	-	-	-	-
Beyond First Year	-	-	-	17	17	-	-	-	-	-
U.S. Citizens	-	-	-	33	31	-	-	0	-	-
Foreign	-	-	-	3	4	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	6	9	-	10	11	5	4	0	4	6
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	0	0	-	0	0	0	0	0	0	0
Life Sciences	0	0	-	0	0	0	0	0	0	0
Psychology	24	19	-	14	13	15	12	0	14	13
Social Sciences	14	12	-	12	11	12	9	0	11	9

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	1	0	-	2	1
Engineering	0	0	-	0	0
Physical Sciences	0	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	0	0	-	0	0
Life Sciences	0	0	-	0	0
Psychology	1	0	-	2	0
Social Sciences	0	0	-	0	1

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

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POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	1	-	-	-	0	1
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	1	-	-	-	0	1
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	-	-
Federal Support	-	-	-	28	29
Institutional Support	-	-	-	28	27
Other Outside Support	-	-	-	0	2
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	-	-
Federal Support	-	-	-	0	1
Institutional Support	-	-	-	0	1
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	-	-
Federal Support	-	-	-	3	3
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	3
Self-Support	-	-	-	3	0
OTHER TYPES OF SUPPORT	-	-	-	-	-
Federal Support	-	-	-	5	2
Institutional Support	-	-	-	1	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
				4	2

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	37	31	31I	-	31I	32I	15	22	23I	-	26I
ENGINEERS	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS	10	10	10I	-	10I	10I	5	2	2I	-	3I	3I
Astronomers	0	0	0	-	0	0	0	0	0	-	0	0
Chemists	5	5	5I	-	5I	5I	3	2	2I	-	3I	3I
Physicists	5	5	5I	-	5I	5I	2	0	0I	-	0I	0I
Physical Scientists, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6	5	5I	-	5I	6I	2	4	4I	-	4I	4I
Mathematicians	5	5	5I	-	5I	6I	2	1	1I	-	1I	1I
Computer Scientists	1	0	0I	-	0I	0I	0	3	3I	-	3I	3I
LIFE SCIENTISTS	6	4	4I	-	4I	4I	1	2	2I	-	2I	2I
Agricultural Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists	6	4	4I	-	4I	4I	1	2	2I	-	2I	2I
Medical Scientists	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	7	4	4I	-	4I	4I	2	3	3I	-	3I	3I
SOCIAL SCIENTISTS	8	8	8I	-	8I	8I	5	11	12I	-	14I	15I
Economists	1	1	1I	-	1I	1I	2	2	2I	-	3I	3I
Political Scientists	3	3	3I	-	3I	3I	3	0	0I	-	0I	0I
Sociologists	4	3	3I	-	3I	3I	0	1	2I	-	2I	2I
Social Scientists, n.e.c.	0	1	1I	-	1I	1I	0	8	8I	-	9I	10I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	28	22	22I	-	22I	22I	4	2	2I	-	3I	3I
FIRST PROFESSIONAL .....	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S .....	7	9	9I	-	9I	10I	7	19	20I	-	22I	23I
BACHELDR'S (or equivalent) .....	2	0	0I	-	0I	0I	4	1	1I	-	1I	1I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	23	23I	-	23I	24I	8	8I	-	8I	8I
Engineers .....	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists .....	9	9I	-	9I	9I	1	1I	-	1I	1I
Environmental Scientists .....	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists ..	4	4I	-	4I	5I	1	1I	-	1I	1I
Life Scientists .....	3	3I	-	3I	3I	1	1I	-	1I	1I
Psychologists .....	1	1I	-	1I	1I	3	3I	-	3I	3I
Social Scientists .....	6	6I	-	6I	6I	2	2I	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	956	887	2,243	2,133	2,294	2,168	921	1,409	0	110	1,299
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,299	0	0	1,299
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	956	666	1,907	2,133	2,294	1,933	909	110	0	0	0
National Institutes of Health	62	59	46	125	77	78	141	110	0	110	0
ADAMHA	0	0	0	0	0	0	0	0	0	110	0
Office of Education	894	607	1,861	2,008	2,217	1,855	768	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	221	336	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	235	12	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	956	887	2,243	2,133	2,294	2,168	921	1,409
Research and Development	0	0	42	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	62	280	46	125	77	313	153	110
Other Science	0	0	294	0	0	0	0	0
Non-Science	894	607	1,861	2,008	2,217	1,855	768	1,299

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	12	15	15I	-	15I	16I	6	6	6I	-	7I	8I
ENGINEERS .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Aeronautical & Astronautical Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemical Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Civil Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Electrical Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Mechanical Engineers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Engineers, n.e.c. ....	0	0	0I	-	0	0	0	0	0I	-	0	0
PHYSICAL SCIENTISTS .....	4	5	5I	-	5I	5I	1	0	0I	-	0I	0I
Astronomers .....	-	-	0	-	0	0	-	-	0	-	0	0
Chemists .....	3	4	4I	-	4I	4I	1	0	0I	-	0I	0I
Physicists .....	1	1	1I	-	1I	1I	0	0	0I	-	0I	0I
Physical Scientists, n.e.c. ....	0	0	0I	-	0	0	0	0	0I	-	0	0
ENVIRONMENTAL SCIENTISTS .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Atmospheric Scientists .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Earth Scientists .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Oceanographers .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Environmental Scientists, n.e.c. ....	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS .....	1	2	2I	-	2I	2I	3	2	2I	-	2I	2I
Mathematicians .....	1	2	2I	-	2I	2I	3	2	2I	-	2I	2I
Computer Scientists .....	0	0	0I	-	0	0	0	0	0I	-	0	0
LIFE SCIENTISTS .....	3	2	2I	-	2I	2I	2	3	3I	-	4I	5I
Agricultural Scientists .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Scientists .....	3	2	2I	-	2I	2I	2	3	3I	-	4I	5I
Medical Scientists .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Life Scientists, n.e.c. ....	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS .....	1	2	2I	-	2I	2I	0	0	0I	-	0I	0I
SOCIAL SCIENTISTS .....	3	4	4I	-	4I	5I	0	1	1I	-	1I	1I
Economists .....	0	0	0I	-	0	0	0	0	0I	-	0	0
Political Scientists .....	1	1	1I	-	1I	1I	0	1	1I	-	1I	1I
Sociologists .....	2	3	3I	-	3I	4I	0	0	0I	-	0I	0I
Social Scientists, n.e.c. ....	0	0	0I	-	0	0	0	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	8	12	12I	-	12I	13I	3	4	4I	-	5I	6I
FIRST PROFESSIONAL	0	0	0I	-	0	0	0	0	0I	-	0	0
MASTER'S	4	3	3I	-	3I	3I	3	2	2I	-	2I	2I
BACHELOR'S (or equivalent)	0	0	0I	-	0	0	0	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	12	12I	-	12I	13I	3	3I	-	3I	3I
Engineers	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists	4	4I	-	4I	4I	1	1I	-	1I	1I
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	1	1I	-	1I	1I	1	1I	-	1I	1I
Life Scientists	1	1I	-	1I	1I	1	1I	-	1I	1I
Psychologists	2	2I	-	2I	2I	0	0I	-	0I	0I
Social Scientists	4	4I	-	4I	5I	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Dthr Sci	Non-Sci
TOTAL	831	1,151	1,319	1,837	2,278	2,319	1,220	3,024	0	204	2,820
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	2,820	0	0	2,820
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	817	1,151	1,319	1,837	2,278	2,319	1,220	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	770	1,114	1,319	1,837	2,278	2,319	1,220	0	0	0	0
Other HHS	47	37	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	14	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	204	0	204	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	831	1,151	1,319	1,837	2,278	2,319	1,220	3,024
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	47	37	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	14	0	0	0	0	0	0	0
Non-Science	770	1,114	1,319	1,837	2,278	2,319	1,220	2,820

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	12	12	10	-	10I	3	3	3	4	-	5I	9
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	2	2	2	-	2I	1	1	2	2	-	3I	3
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	1	1	1	-	1I	1	1	1	1	-	2I	1
Physicists	1	1	1	-	1I	0	0	1	1	-	1I	2
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	2	2	-	2I	1	0	0	0	-	0I	4
Mathematicians	1	1	1	-	1I	0	0	0	0	-	0I	4
Computer Scientists	1	1	1	-	1I	1	0	0	0	-	0I	0
LIFE SCIENTISTS	3	3	2	-	2I	1	0	0	0	-	0I	2
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	3	3	2	-	2I	1	0	0	0	-	0I	2
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENTISTS	5	5	4	-	4I	0	2	1	2	-	2I	0
Economists	2	2	1	-	1I	0	0	0	0	-	0I	0
Political Scientists	1	1	1	-	1I	0	0	0	0	-	0I	0
Sociologists	2	2	2	-	2I	0	1	0	1	-	1I	0
Social Scientists, n.e.c.	0	0	0	-	0I	0	0	1	1	-	1I	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	7	7	6	-	6I	3	2	1	2	-	3I	1
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	5	5	4	-	4I	0	1	2	2	-	2I	8
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	10	8	-	8I	2	2	2	-	2I	1
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	2	2	-	2I	1	0	0	-	0I	0
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	2	2	-	2I	0	0	0	-	0I	1
Life Scientists .....	3	2	-	2I	1	0	0	-	0I	0
Psychologists .....	0	0	-	0	0	0	0	-	0	0
Social Scientists .....	3	2	-	2I	0	2	2	-	2I	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Other Sci	Non-Sci
TOTAL	638	1,076	1,182	2,107	1,871	2,325	1,543	1,811	38	387	1,386
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,386	0	0	1,386
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	633	1,072	1,175	2,107	1,871	2,325	1,510	219	0	219	0
National Institutes of Health	0	0	0	0	0	0	0	153	0	153	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	633	1,032	1,135	2,067	1,871	2,325	1,455	0	0	0	0
Other HHS	0	40	40	40	0	0	55	66	0	66	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	5	4	7	0	0	0	33	38	38	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	168	0	168	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	638	1,076	1,182	2,107	1,871	2,325	1,543	1,811
Research and Development	0	0	0	0	0	0	33	38
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	55	66
General Support for Science	5	4	0	0	0	0	0	0
Other Science	0	0	7	0	0	0	0	153
Non-Science	633	1,072	1,175	2,107	1,871	2,325	1,455	1,386

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	181	19	19	-	191	201	51	5	5	-	81	71
ENGINEERS	11	0	0	-	0	0	01	0	0	-	0	0
Aeronautical & Astronautical Engineers	01	0	0	-	0	0	01	0	0	-	0	0
Chemical Engineers	01	0	0	-	0	0	01	0	0	-	0	0
Civil Engineers	01	0	0	-	0	0	01	0	0	-	0	0
Electrical Engineers	01	0	0	-	0	0	01	0	0	-	0	0
Mechanical Engineers	01	0	0	-	0	0	01	0	0	-	0	0
Engineers, n e c.	11	0	0	-	0	0	01	0	0	-	0	0
PHYSICAL SCIENTISTS	31	3	3	-	31	31	11	0	0	-	01	01
Astronomers	-	-	0	-	0	0	-	-	0	-	01	01
Chemists	21	1	1	-	11	11	11	0	0	-	0	0
Physicists	11	2	2	-	21	21	01	0	0	-	01	01
Physical Scientists, n.e.c.	01	0	0	-	0	0	01	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	01	0	0	-	0	0	01	0	0	-	0	0
Atmospheric Scientists	01	0	0	-	0	0	01	0	0	-	0	0
Earth Scientists	01	0	0	-	0	0	01	0	0	-	0	0
Oceanographers	01	0	0	-	0	0	01	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	41	5	5	-	51	51	01	4	1	-	11	11
Mathematicians	41	4	4	-	41	41	01	4	1	-	11	11
Computer Scientists	01	1	1	-	11	11	01	0	0	-	01	01
LIFE SCIENTISTS	31	3	2	-	21	21	11	0	3	-	31	31
Agricultural Scientists	11	0	0	-	0	0	01	0	0	-	0	0
Biological Scientists	21	3	2	-	21	21	11	0	3	-	31	31
Medical Scientists	01	0	0	-	0	0	01	0	0	-	0	0
Life Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	21	1	1	-	11	11	11	1	1	-	21	31
SOCIAL SCIENTISTS	51	7	8	-	81	91	21	0	0	-	01	01
Economists	21	2	3	-	31	41	11	0	0	-	01	01
Political Scientists	11	2	1	-	11	11	11	0	0	-	01	01
Sociologists	21	3	4	-	41	41	01	0	0	-	01	01
Social Scientists, n e c	01	0	0	-	0	0	01	0	0	-	01	01

SOURCE: NSF. Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS, JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	11I	8	9	-	9I	10I	1I	1	3	-	4I	5I
FIRST PROFESSIONAL	2I	0	0	-	0	0	1I	0	0	-	0	0
MASTER'S	5I	11	10	-	10I	10I	3I	4	2	-	2I	2I
BACHELOR'S (or equivalent)	0I	0	0	-	0	0	0I	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	13	13	-	13I	14I	6	6	-	6I	6I
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	3	3	-	3I	3I	0	0	-	0I	0I
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	3	3	-	3I	3I	2	2	-	2I	2I
Life Scientists	2	1	-	1I	1I	1	1	-	1I	1I
Psychologists	1	1	-	1I	1I	0	0	-	0I	0I
Social Scientists	4	5	-	5I	6I	3	3	-	3I	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*          INSTITUTIONAL PROFILE          *
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*          003506                        *
*
*          MEHARRY MEDICAL COLLEGE      *
*
*          Private                       *
*
*          Doctorate-Granting          *
*
*          CARNEGIE COUNCIL CATEGORY: 5.2
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Data for this institutional profile are based on the following survey data systems:

- NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges
- NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions
- NSF-NIH Survey of Graduate Science Students and Postdoctorates
- NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D.C. 20550  
 (202) 634-4673

Prepared by

Moshman Associates, Inc.  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3000

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

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FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,252	990	1,557	104	1171	1321	925	990	1,204	104	1171	1321
ENGINEERING	0	0	591	0	0	0	0	0	01	0	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	139	0	291	0	0	0	131	0	01	0	0	0
Astronomy	0	0	41	0	0	0	0	0	01	0	0	0
Chemistry	139	0	151	0	0	0	131	0	01	0	0	0
Physics	0	0	91	0	0	0	0	0	01	0	0	0
Physical Sci., n.e.c.	0	0	11	0	0	0	0	0	01	0	0	0
ENVIRONMENTAL SCIENCES	0	0	121	0	0	0	0	0	01	0	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	0	0	51	0	0	0	0	0	01	0	0	0
Mathematics	0	0	21	0	0	0	0	0	01	0	0	0
Computer Science	0	0	31	0	0	0	0	0	01	0	0	0
LIFE SCIENCES	765	990	1,401	104	1171	1321	686	990	1,204	104	1171	1321
Agricultural Sciences	0	0	181	0	0	0	0	0	01	0	0	0
Biological Sciences	255	560	749	71	801	901	179	560	681	71	801	901
Medical Sciences	510	430	627	33	371	421	507	430	523	33	371	421
Life Sci., n.e.c.	0	0	71	0	0	0	0	0	01	0	0	0
PSYCHOLOGY	348	0	51	0	0	0	108	0	01	0	0	0
SOCIAL SCIENCES	0	0	331	0	0	0	0	0	01	0	0	0
Economics	0	0	101	0	0	0	0	0	01	0	0	0
Political Science	0	0	51	0	0	0	0	0	01	0	0	0
Sociology	0	0	31	0	0	0	0	0	01	0	0	0
Social Sci., n.e.c.	0	0	151	0	0	0	0	0	01	0	0	0
OTHER SCIENCES, n.e.c.	0	0	131	0	0	0	0	0	01	0	0	0





SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,252	990	1,557	104	1171	1321
Federal Government	925	990	1,204	104	1171	1321
State and Local Government	16	0	305	0	0	0
Industry	0	0	0	0	0	0
Institutional Funds	15	0	0	0	0	0
All Other Outside Sources	296	0	48	0	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

479

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	0	01	01	-	01	01	0	01	01	-	01	01
Engineering	0	01	01	-	0	0	0	01	01	-	0	0
Physical Sciences	0	01	01	-	0	0	0	01	01	-	0	0
Environmental Sciences	0	01	01	-	0	0	0	01	01	-	0	0
Math & Computer Sci	0	01	01	-	0	0	0	01	01	-	0	0
Life Sciences	0	01	01	-	0	0	0	01	01	-	0	0
Psychology	0	01	01	-	0	0	0	01	01	-	0	0
Social Sciences	0	01	01	-	0	0	0	01	01	-	0	0
Other Sciences, n.e.c.	0	01	01	-	0	0	0	01	01	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	11,669	25,622	11,653	9,935	20,141	12,123	12,642	14,334	1,151	865	12,318
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	10	0	0	0	0	0	0	19	0	17	2
Environmental Protection Agency	47	25	42	29	0	0	0	0	0	0	0
Dept of Health & Human Services	11,601	25,496	11,508	9,886	19,835	11,948	12,429	14,315	1,151	848	12,316
National Institutes of Health	3,741	1,649	984	765	1,120	1,216	1,245	1,605	757	848	0
ADAMHA	7,602	1,253	1,569	512	1,867	847	1,286	1,210	360	0	850
Office of Education	205	346	219	80	70	150	71	0	0	0	0
Other HHS	53	22,248	8,736	8,529	16,778	9,735	9,827	11,500	34	0	11,466
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	56	0	55	0	0	0	0
National Science Foundation	11	100	103	20	250	175	158	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	11,669	25,622	11,653	9,935	20,141	12,123	12,642	14,334
Research and Development	1,031	1,065	1,287	1,476	1,070	620	1,065	1,151
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	608	1,004	187	2	133	202	208	37
General Support for Science	208	300	256	199	629	626	554	828
Other Science	10	0	20	0	0	0	0	0
Non-Science	9,812	23,253	9,903	8,258	18,309	10,675	10,815	12,318

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	HHS		
TOTAL	1,031	1,065	1,287	1,476	1,070	620	1,065	1,151	1,151	0	0
ENGINEERING	0	58	37	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	58	37	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	26	46	28	0	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	26	46	28	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, i. e. c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n. e. c.	0	0	0	0	0	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	1,005	586	1,053	534	656	535	621	711	711	0	0
Biological Sciences	174	226	387	280	344	343	376	470	470	0	0
Medical Sciences	831	360	218	254	312	192	245	241	241	0	0
Life Sciences, n. e. c.	0	0	448	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	350	146	250	101	0	337	334	334	0	0
Economics	0	296	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	21	125	101	0	337	334	334	0	0
Social Sciences, n. e. c.	0	54	125	125	0	0	0	0	0	0	0
OTHER SCIENCES, n. e. c.	0	25	23	692	313	85	107	106	106	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	26	34	50	45	37	16	19	19	39	32
Men	8	14	-	20	20	4	9	-	16	18
Women	18	20	-	25	17	12	10	-	23	14
First Year	11	15	21	15	0	-	-	-	-	-
Beyond First Year	15	19	29	30	37	-	-	-	-	-
U S. Citizens	24	33	-	40	32	-	-	-	-	-
Foreign	2	1	-	5	5	-	-	-	-	-
Engineering	0	0	0	0	0	0	0	0	0	0
Physical Sciences	0	0	0	0	0	0	0	0	0	0
Environmental Sciences	0	0	0	0	0	0	0	0	0	0
Math. & Computer Sciences	0	0	0	0	0	0	0	0	0	0
Life Sciences	26	34	50	45	37	16	19	19	39	32
Psychology	0	0	0	0	0	0	0	0	0	0
Social Sciences	0	0	0	0	0	0	0	0	0	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	6	3	0	0	2
Engineering	0	0	0	0	0
Physical Sciences	0	0	0	0	0
Environmental Sciences	0	0	0	0	0
Math. & Computer Sciences	0	0	0	0	0
Life Sciences	6	3	0	0	0
Psychology	0	0	0	0	2
Social Sciences	0	0	0	0	0

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	2	2	-	0	3	2	1	-	0	3
Engineering	0	0	-	0	0	0	0	-	0	0
Physical Sciences	0	0	-	0	0	0	0	-	0	0
Environmental Sciences	0	0	-	0	0	0	0	-	0	0
Math. & Computer Sciences	0	0	-	0	0	0	0	-	0	0
Life Sciences	2	2	-	0	3	2	1	-	0	3
Psychology	0	0	-	0	0	0	0	-	0	0
Social Sciences	0	0	-	0	0	0	0	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	21	24	-	40	32
Federal Support	16	19	-	39	32
Institutional Support	3	3	-	0	0
Other Outside Support	2	2	-	1	0
Self-Support	0	0	-	0	0
RESEARCH ASSISTANTSHIPS	0	0	-	0	0
Federal Support	0	0	-	0	0
Institutional Support	0	0	-	0	0
Other Outside Support	0	0	-	0	0
Self-Support	0	0	-	0	0
TEACHING ASSISTANTSHIPS	0	0	-	0	0
Federal Support	0	0	-	0	0
Institutional Support	0	0	-	0	0
Other Outside Support	0	0	-	0	0
Self-Support	0	0	-	0	0
OTHER TYPES OF SUPPORT	5	10	-	5	5
Federal Support	0	0	-	0	0
Institutional Support	1	0	-	0	0
Other Outside Support	1	6	-	0	0
Self-Support	3	4	-	5	5

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	224	256	269I	175	184I	192I	100	106	112I	1	1I	1I
ENGINEERS	0	0	0I	0	0	0	0	0	0I	0	0	0
Aeronautical & Astronautical Engineers	0	0	0I	0	0	0	0	0	0I	0	0	0
Chemical Engineers	0	0	0I	0	0	0	0	0	0I	0	0	0
Civil Engineers	0	0	0I	0	0	0	0	0	0I	0	0	0
Electrical Engineers	0	0	0I	0	0	0	0	0	0I	0	0	0
Mechanical Engineers	0	0	0I	0	0	0	0	0	0I	0	0	0
Engineers, n.e.c.	0	0	0I	0	0	0	0	0	0I	0	0	0
PHYSICAL SCIENTISTS	0	0	0I	2	2I	3I	0	0	0I	0	0I	0I
Astronomers	0	0	0	0	0	0	0	0	0	0	0	0
Chemists	0	0	0I	2	2I	3I	0	0	0I	0	0I	0I
Physicists	0	0	0I	0	0	0	0	0	0I	0	0	0
Physical Scientists, n.e.c.	0	0	0I	0	0	0	0	0	0I	0	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0I	0	0	0	0	0	0I	0	0	0
Atmospheric Scientists	0	0	0I	0	0	0	0	0	0I	0	0	0
Earth Scientists	0	0	0I	0	0	0	0	0	0I	0	0	0
Oceanographers	0	0	0I	0	0	0	0	0	0I	0	0	0
Environmental Scientists, n.e.c.	0	0	0	0	0	0	0	0	0	0	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3	4	4I	2	2I	2I	0	0	0I	1	1I	1I
Mathematicians	0	0	0I	1	1I	1I	0	0	0I	0	0I	0I
Computer Scientists	3	4	4I	1	1I	1I	0	0	0I	1	1I	1I
LIFE SCIENTISTS	206	220	232I	153	161I	168I	100	106	112I	0	0I	0I
Agricultural Scientists	0	0	0I	0	0	0	0	0	0I	0	0	0
Biological Scientists	78	71	75I	72	75I	78I	14	16	17I	0	0I	0I
Medical Scientists	128	149	157I	63	67I	70I	86	90	95I	0	0I	0I
Life Scientists, n.e.c.	0	0	0	18	19I	20I	0	0	0	0	0I	0I
PSYCHOLOGISTS	6	10	10I	0	0	0	0	0	0I	0	0	0
SOCIAL SCIENTISTS	9	22	23I	18	19I	19I	0	0	0I	0	0I	0I
Economists	0	1	1I	0	0	0	0	0	0I	0	0	0
Political Scientists	0	0	0I	0	0	0	0	0	0I	0	0	0
Sociologists	7	17	17I	5	5I	5I	0	0	0I	0	0I	0I
Social Scientists, n.e.c.	2	4	5I	13	14I	14I	0	0	0I	0	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS, JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	60	74	78I	-	54I	57I	23	25	26I	-	0I	0I
FIRST PROFESSIONAL	128	137	144I	-	98I	102I	56	60	64I	-	1I	1I
MASTER'S	24	37	38I	-	26I	27I	18	15	16I	-	0I	0I
BACHELOR'S (or equivalent)	12	8	9I	-	6I	6I	3	6	6I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81.

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	175	186I	-	128I	133I	81	83I	-	56I	59I
Engineers	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists	0	0I	-	2I	3I	0	0I	-	0I	0I
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	3	3I	-	2I	2I	1	1I	-	0I	0I
Life Scientists	153	163I	-	112I	116I	67	69I	-	49I	52I
Psychologists	4	4I	-	0	0	6	6I	-	0	0
Social Scientists	15	16I	-	12I	12I	7	7I	-	7I	7I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	352	212	503	344	342	427	132	348	0	0	348
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	348	0	0	348
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	352	212	333	344	342	427	132	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	352	212	333	344	342	427	132	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	170	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	352	212	503	344	342	427	132	348
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	170	0	0	0	0	0
Non-Science	352	212	333	344	342	427	132	348

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE 'NO EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	5	6	6	-	7	7I	4	1	2	-	1	1I
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	1	0	1	-	1	1I	0	1	0	-	0	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	-	0
Chemists	1	0	1	-	0	0	0	0	0	-	0	0
Physicists	0	0	0	-	0	0	0	0	0	-	0	0
Physical Scientists, n.e.c.	0	0	0	-	1	1I	0	1	0	-	0	0I
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	2	2	-	2	2I	0	0	0	-	0	0I
Mathematicians	2	2	2	-	2	2I	0	0	0	-	0	0I
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	0	1	0	-	1	1I	2	0	1	-	0	0I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	0	1	0	-	1	1I	2	0	1	-	0	0I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	1	0	-	1	1I	1	0	1	-	1	1I
SOCIAL SCIENTISTS	2	2	3	-	2	2I	1	0	0	-	0	0I
Economists	0	1	0	-	0	0	1	0	0	-	0	0
Political Scientists	1	1	2	-	1	1I	0	0	0	-	0	0I
Sociologists	1	0	1	-	1	1I	0	0	0	-	0	0I
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	0	1	1	-	0	0	0	0	0	-	0	0
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	4	5	4	-	7	7I	2	1	1	-	1	1I
BACHELOR'S (or equivalent) .....	1	0	1	-	0	0	2	0	1	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	4	4	-	2	2I	2	2	-	5	5I
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	0	1	-	0	0I	0	0	-	1	1I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	0	0	-	0	0I	2	2	-	2	2I
Life Scientists .....	1	0	-	0	0I	0	0	-	1	1I
Psychologists .....	1	0	-	0	0I	0	0	-	1	1I
Social Scientists .....	2	3	-	2	2I	0	0	-	0	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	3,687	4,062	3,561	9,142	8,314	7,284	4,058	7,951	1,384	1,475	5,092
Department of Agriculture	975	1,177	1,051	1,155	1,572	1,704	1,820	1,947	1,211	736	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	144	144	0	0
Department of Education	0	0	0	0	0	0	0	4,974	0	48	4,926
Department of Energy	26	0	22	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	71	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	2,423	2,693	2,397	7,904	6,650	5,557	2,160	675	29	480	166
National Institutes of Health	22	226	3	128	152	46	418	424	0	424	0
ADAMHA	0	0	0	0	30	8	2	73	0	0	73
Office of Education	2,395	2,308	2,269	6,964	6,061	5,283	1,647	0	0	0	0
Other HHS	6	159	125	812	407	220	93	178	29	56	93
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	91	74	33	69	14	54	14	0	14	0
National Science Foundation	263	30	17	0	20	9	24	197	0	197	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	3	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	3,687	4,062	3,561	9,142	8,314	7,284	4,058	7,951
Research and Development	589	930	913	946	997	987	1,145	1,384
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	9	0	0
Fellowships & Training Grants	18	0	14	14	17	14	88	221
General Support for Science	250	296	3	128	152	46	418	321
Other Science	425	429	237	278	650	725	736	933
Non-Science	2,405	2,467	2,394	7,776	6,498	5,503	1,671	5,092

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 003522 TENNESSEE STATE UNIVERSITY

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY.1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	DOD	HHS
TOTAL	589	930	913	946	997	987	1,145	1,384	1,211	144	29
ENGINEERING	195	392	77	69	19	0	0	72	0	72	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	17	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	72	0	72	0
Mechanical	0	32	60	69	0	0	0	0	0	0	0
Metallurgy and Materials	0	34	0	0	19	0	0	0	0	0	0
Engineering, n.e.c.	195	326	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	26	45	22	0	23	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	26	20	22	0	20	0	0	0	0	0	0
Physics	0	25	0	0	3	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	278	182	258	366	741	725	809	666	666	0	0
Biological Sciences	278	182	258	366	741	717	244	109	109	0	0
Medical Sciences	0	0	0	0	0	8	565	557	557	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	37	0	0	0	0
SOCIAL SCIENCES	90	311	556	511	181	262	299	574	545	0	29
Economics	0	122	0	0	0	146	166	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	90	0	0	0	0	116	133	545	545	0	0
Social Sciences, n.e.c.	0	189	556	511	181	0	0	29	0	0	29
OTHER SCIENCES, n.e.c.	0	0	0	0	33	0	0	72	0	72	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	4	4	-	113	56	0	0	0	14	22
Men	-	-	-	87	38	-	-	-	7	12
Women	-	-	-	26	18	-	-	-	7	10
First Year	-	-	-	48	26	-	-	-	-	-
Beyond First Year	-	-	-	65	30	-	-	-	-	-
U.S. Citizens	-	-	-	75	40	-	-	0	-	-
Foreign	-	-	-	38	16	-	-	0	-	-
Engineering	0	0	-	38	16	0	0	0	0	4
Physical Sciences	0	0	-	7	2	0	0	0	0	2
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	0	0	-	0	0	0	0	0	0	0
Life Sciences	2	2	-	59	21	0	0	0	0	0
Psychology	2	1	-	5	3	0	0	0	10	10
Social Sciences	0	1	-	4	12	0	0	0	4	4

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	30	39	-	127	150
Engineering	0	0	-	15	26
Physical Sciences	1	0	-	0	1
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	0	0	-	0	0
Life Sciences	20	14	-	27	23
Psychology	9	9	-	15	37
Social Sciences	0	16	-	70	63

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	14	8
Federal Support	-	-	-	7	8
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	7	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	3	14
Federal Support	-	-	-	3	14
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	8	2
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	8	2
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	88	32
Federal Support	-	-	-	4	0
Institutional Support	-	-	-	10	8
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	74	24

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## SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	132I	169	224E	-	224	224	22I	29	54E	-	54	54
ENGINEERS	6I	27	29E	-	29	29	2I	4	15E	-	15	15
Aeronautical & Astronautical Engineers	0I	4	0E	-	0	0	0I	0	0E	-	0	0
Chemical Engineers	1I	0	0E	-	0	0	0I	0	0E	-	0	0
Civil Engineers	2I	7	14E	-	14	14	1I	3	6E	-	6	6
Electrical Engineers	1I	4	3E	-	3	3	1I	0	7E	-	7	7
Mechanical Engineers	1I	5	6E	-	6	6	0I	0	2E	-	2	2
Engineers, n.e.c.	1I	7	6E	-	6	6	0I	1	0E	-	0	0
PHYSICAL SCIENTISTS	19I	9	13E	-	13	13	2I	1	7E	-	7	7
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	11I	8	11E	-	11	11	1I	0	3E	-	3	3
Physicists	7I	1	2E	-	2	2	1I	1	4E	-	4	4
Physical Scientists, n.e.c.	1I	0	0	-	0	0	0I	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	6I	0	0E	-	0	0	1I	0	0E	-	0	0
Atmospheric Scientists	0I	0	0E	-	0	0	0I	0	0E	-	0	0
Earth Scientists	6I	0	0E	-	0	0	1I	0	0E	-	0	0
Oceanographers	0I	0	0E	-	0	0	0I	0	0E	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	21I	15	22E	-	22	22	4I	5	10E	-	10	10
Mathematicians	18I	15	22E	-	22	22	3I	5	10E	-	10	10
Computer Scientists	3I	0	0E	-	0	0	1I	0	0E	-	0	0
LIFE SCIENTISTS	23I	27	72E	-	72	72	3I	1	4E	-	4	4
Agricultural Scientists	3I	7	24E	-	2	2	0I	0	2E	-	0	0
Biological Scientists	17I	20	24E	-	29	29	2I	1	1E	-	1	1
Medical Scientists	3I	0	24E	-	0	0	1I	0	1E	-	0	0
Life Scientists, n.e.c.	-	-	0	-	41	41	-	-	0	-	3	3
PSYCHOLOGISTS	19I	12	15E	-	15	15	4I	5	6E	-	6	6
SOCIAL SCIENTISTS	38I	79	73E	-	73	73	6I	13	12E	-	12	12
Economists	8I	22	16E	-	16	16	1I	5	4E	-	4	4
Political Scientists	9I	5	12E	-	12	12	1I	2	0E	-	0	0
Sociologists	12I	19	20E	-	20	20	2I	0	1E	-	1	1
Social Scientists, n.e.c.	9I	33	25E	-	25	25	2I	6	7E	-	7	7

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	95I	76	104E	-	104	104	8I	5	24E	-	24	24
FIRST PROFESSIONAL .....	1I	9	1E	-	1	1	0I	2	0E	-	0	0
MASTER'S .....	32I	82	108E	-	108	108	10I	19	26E	-	26	26
BACHELOR'S (or equivalent) .....	4I	2	11E	-	11	11	4I	3	4E	-	4	4

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	113	135E	-	135	135	56	89E	-	89	89
Engineers .....	25	27E	-	27	27	2	2E	-	2	2
Physical Scientists .....	7	10E	-	10	10	2	3E	-	3	3
Environmental Scientists .....	0	0E	-	0	0	0	0E	-	0	0
Mathematical & Computer Scientists ..	8	13E	-	13	13	7	9E	-	9	9
Life Scientists .....	20	26E	-	26	26	7	46E	-	46	46
Psychologists .....	6	6E	-	6	6	6	9E	-	9	9
Social Scientists .....	47	53E	-	53	53	32	20E	-	20	20

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,039	3,303	1,667	2,490	2,447	5,372	707	1,459	88	241	1,130
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	91	14	14	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,077	0	0	1,077
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,693	3,197	1,615	2,336	2,409	5,317	674	382	88	241	53
National Institutes of Health	51	46	48	51	185	211	300	329	88	241	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,620	3,111	1,514	2,237	2,176	5,056	315	0	0	0	0
Other HHS	22	40	53	48	48	50	59	53	0	0	53
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	30	0	20	0	0	0	0	0	0	0
National Science Foundation	255	62	38	134	38	0	33	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	55	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,039	3,303	1,667	2,490	2,447	5,372	707	1,459
Research and Development	91	65	14	39	61	163	91	88
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	22	0	0	24	23	0	90	106
General Support for Science	269	51	48	166	124	103	119	135
Other Science	37	36	38	0	38	0	33	0
Non-Science	1,620	3,151	1,567	2,261	2,201	5,106	374	1,130

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SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	MHS		
TOTAL	91	65	14	39	61	163	91	88	88	0	0
ENGINEERING	14	14	0	0	24	25	0	6	6	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	14	14	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	24	25	0	6	6	0	0
PHYSICAL SCIENCES	0	21	14	0	0	0	0	0	0	0	0
Astronomy	0	21	0	0	0	0	0	0	0	0	0
Chemistry	0	0	14	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	19	0	0	0	0	0	0	0
LIFE SCIENCES	77	30	0	20	37	83	91	82	82	0	0
Biological Sciences	0	30	0	20	37	83	37	37	37	0	0
Medical Sciences	77	0	0	0	0	0	54	45	45	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	0	0	0	0	55	0	0	0	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	55	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	381	37	371	-	371	381	51	0	01	-	01	01
ENGINEERS	11	0	01	-	0	0	01	0	01	-	0	0
Aeronautical & Astronautical Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Chemical Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Civil Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Electrical Engineers	11	0	01	-	0	0	01	0	01	-	0	0
Mechanical Engineers	01	0	01	-	0	0	01	0	01	-	0	0
Engineers, n.e.c.	01	0	01	-	0	0	01	0	01	-	0	0
PHYSICAL SCIENTISTS	81	7	71	-	71	71	11	0	01	-	01	01
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	51	4	41	-	41	41	11	0	01	-	01	01
Physicists	31	2	21	-	21	21	01	0	01	-	01	01
Physical Scientists, n.e.c.	01	1	11	-	11	11	01	0	01	-	01	01
ENVIRONMENTAL SCIENTISTS	11	1	11	-	11	11	01	0	01	-	01	01
Atmospheric Scientists	11	0	01	-	0	0	01	0	01	-	01	01
Earth Scientists	01	1	11	-	11	11	01	0	01	-	01	01
Oceanographers	01	0	01	-	0	0	01	0	01	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	61	9	91	-	91	91	11	0	01	-	01	01
Mathematicians	51	7	71	-	71	71	11	0	01	-	01	01
Computer Scientists	11	2	21	-	21	21	01	0	01	-	01	01
LIFE SCIENTISTS	71	5	51	-	51	51	11	0	01	-	01	01
Agricultural Scientists	11	0	01	-	0	0	01	0	01	-	0	0
Biological Scientists	61	5	51	-	51	51	01	0	01	-	01	01
Medical Scientists	01	0	01	-	0	0	11	0	01	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	51	3	31	-	31	31	01	0	01	-	01	01
SOCIAL SCIENTISTS	101	12	121	-	121	131	21	0	01	-	01	01
Economists	21	2	21	-	21	21	11	0	01	-	01	01
Political Scientists	31	4	41	-	41	51	01	0	01	-	01	01
Sociologists	41	6	61	-	61	61	11	0	01	-	01	01
Social Scientists, n.e.c.	11	0	01	-	0	0	01	0	01	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	25I	29	29I	-	29I	30I	2I	0	0I	-	0I	0I
FIRST PROFESSIONAL	1I	0	0I	-	0	0	0I	0	0I	-	0	0
MASTER'S	10I	8	8I	-	8I	8I	2I	0	0I	-	0I	0I
BACHELOR'S (or equivalent)	2I	0	0I	-	0	0	1I	0	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	25	25I	-	25I	26I	12	12I	-	12I	12I
Engineers	0	0I	-	0	0	0	0I	-	0	0
Physical Scientists	6	6I	-	6I	6I	1	1I	-	1I	1I
Environmental Scientists	1	1I	-	1I	1I	0	0I	-	0I	0I
Mathematical & Computer Scientists	4	4I	-	4I	4I	5	5I	-	5I	5I
Life Scientists	4	4I	-	4I	4I	1	1I	-	1I	1I
Psychologists	1	1I	-	1I	1I	2	2I	-	2I	2I
Social Scientists	9	9I	-	9I	10I	3	3I	-	3I	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL .....	674	1,106	999	1,418	1,485	1,551	1,675	710	0	10	700
Department of Agriculture .....	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce .....	0	0	0	0	0	0	0	0	0	0	0
Department of Defense .....	0	0	0	0	0	0	0	0	0	0	0
Department of Education .....	0	0	0	0	0	0	0	0	0	0	0
Department of Energy .....	0	0	0	0	0	0	0	629	0	0	629
Environmental Protection Agency .....	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services .....	674	1,106	999	1,206	1,485	1,551	1,675	71	0	0	0
National Institutes of Health .....	0	0	0	0	0	0	0	71	0	0	71
ADAMHA .....	0	0	0	0	0	0	0	0	0	0	0
Office of Education .....	674	1,106	999	1,206	1,485	1,482	1,603	0	0	0	0
Other HHS .....	0	0	0	0	0	69	72	71	0	0	71
Dept. of Housing & Urban Dev. ....	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior .....	0	0	0	0	0	0	0	0	0	0	0
AID .....	0	0	0	0	0	0	0	0	0	0	0
Department of Labor .....	0	0	0	0	0	0	0	0	0	0	0
NASA .....	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation .....	0	0	0	212	0	0	0	0	0	0	0
Nuclear Regulatory Commission .....	0	0	0	0	0	0	0	10	0	10	0
Department of Transportation .....	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL .....	674	1,106	999	1,418	1,485	1,551	1,675	710
Research and Development .....	0	0	0	0	0	0	0	0
R&D Plant .....	0	0	0	0	0	0	0	0
Facilities for Instruction .....	0	0	0	0	0	0	0	0
Fellowships & Training Grants .....	0	0	0	0	0	69	0	0
General Support for Science .....	0	0	0	212	0	0	0	0
Other Science .....	0	0	0	0	0	0	0	10
Non-Science .....	674	1,106	999	1,206	1,485	1,482	1,675	700

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	20	14	18	-	18I	17	1	0	1	-	1I	2
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	3	3	4	-	4I	6	0	0	0	-	0I	1
Astronomers	-	-	0	-	0	0	-	-	0	-	0I	0
Chemists	2	2	2	-	2I	2	0	0	0	-	0I	0
Physicists	1	1	2	-	2I	2	0	0	0	-	0I	0
Physical Scientists, n.e.c.	0	0	0	-	0	2	0	0	0	-	0	1
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	5	3	3	-	3I	0	0	0	0	-	0I	0
Mathematicians	4	2	2	-	2I	0	0	0	0	-	0I	0
Computer Scientists	1	1	1	-	1I	0	0	0	0	-	0I	0
LIFE SCIENTISTS	3	3	2	-	2I	1	0	0	0	-	0I	1
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	3	3	2	-	2I	1	0	0	0	-	0I	1
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0I	0	1	0	1	-	1I	0
SOCIAL SCIENTISTS	9	5	9	-	9I	10	0	0	0	-	0I	0
Economists	1	1	1	-	1I	1	0	0	0	-	0I	0
Political Scientists	5	2	5	-	5I	0	0	0	0	-	0I	0
Sociologists	3	2	3	-	3I	3	0	0	0	-	0I	0
Social Scientists, n.e.c.	0	0	0	-	0	6	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	11	7	9	-	9I	9I	1	0	0	-	0I	0I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	9	7	9	-	9I	8I	0	0	1	-	1I	2I
BACHELOR'S (or equivalent) .....	0	0	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

505

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	10	10	-	10I	10	4	8	-	8I	7
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	2	3	-	3I	5	1	1	-	1I	1
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	3	3	-	3I	0	0	0	-	0I	0
Life Scientists .....	3	2	-	2I	1	0	0	-	0I	0
Psychologists .....	0	0	-	0I	0	0	0	-	0I	0
Social Scientists .....	2	2	-	2I	4	3	7	-	7I	6

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	829	1,227	1,133	1,121	1,810	2,099	1,660	1,516	0	0	1,516
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,116	0	0	1,116
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	829	1,227	1,133	1,121	1,810	2,079	1,660	400	0	0	400
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	829	1,227	1,133	1,121	1,810	2,079	1,470	0	0	0	0
Other HHS	0	0	0	0	0	0	190	400	0	0	400
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	20	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	829	1,227	1,133	1,121	1,810	2,099	1,660	1,516
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	20	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	829	1,227	1,133	1,121	1,810	2,079	1,660	1,516

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	10I	10I	10I	-	10I	12	1I	1I	1I	-	1I	0
ENGINEERS	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Aeronautical & Astronautical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Chemical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Civil Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Electrical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Mechanical Engineers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Engineers, n.e.c.	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
PHYSICAL SCIENTISTS	1I	1I	1I	-	1I	3	0I	0I	0I	-	0I	0
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	1I	0I	0I	-	0	3	0I	0I	0I	-	0	0
Physicists	0I	1I	1I	-	1I	0	0I	0I	0I	-	0I	0
Physical Scientists, n.e.c.	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	1I	1I	1I	-	1I	1	0I	0I	0I	-	0I	0
Atmospheric Scientists	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Earth Scientists	1I	1I	1I	-	1I	1	0I	0I	0I	-	0I	0
Oceanographers	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2I	3I	3I	-	3I	2	0I	0I	0I	-	0I	0
Mathematicians	2I	2I	2I	-	2I	2	0I	0I	0I	-	0I	0
Computer Scientists	0I	1I	1I	-	1I	0	0I	0I	0I	-	0I	0
LIFE SCIENTISTS	2I	1I	1I	-	1I	3	0I	0I	0I	-	0I	0
Agricultural Scientists	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0
Biological Scientists	1I	1I	1I	-	1I	2	0I	0I	0I	-	0I	0
Medical Scientists	0I	0I	0I	-	0	1	0I	0I	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1I	1I	1I	-	1I	1	0I	0I	0I	-	0I	0
SOCIAL SCIENTISTS	3I	3I	3I	-	3I	2	1I	1I	1I	-	1I	0
Economists	1I	1I	1I	-	1I	2	0I	0I	0I	-	0I	0
Political Scientists	0I	1I	1I	-	1I	0	1I	0I	0I	-	1I	0
Sociologists	1I	1I	1I	-	1I	0	0I	0I	0I	-	0I	0
Social Scientists, n.e.c.	1I	0I	0I	-	0	0	0I	0I	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
D' GR'S	7I	8I	8I	-	8I	8	0I	0I	0I	-	0I	0
FIRST PROFESSIONAL	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
MASTER'S	3I	2I	2I	-	2I	4	1I	1I	1I	-	1I	0
BACHELOR'S (or equivalent)	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	8I	8I	-	8I	9	2I	2I	-	2I	3
Engineers	0I	0I	-	0	0	0I	0I	-	0	0
Physical Scientists	1I	1I	-	1I	2	0I	0I	-	0I	1
Environmental Scientists	1I	1I	-	1I	1	0I	0I	-	0I	0
Mathematical & Computer Scientists	3I	3I	-	3I	1	0I	0I	-	0I	1
Life Scientists	0I	0I	-	0I	3	1I	1I	-	1I	0
Psychologists	1I	1I	-	1I	1	0I	0I	-	0I	0
Social Scientists	2I	2I	-	2I	1	1I	1I	-	1I	1

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

2/25/82

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*
*           INSTITUTIONAL PROFILE           *
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*
*           003602                         *
*
*           PAUL QUINN COLLEGE             *
*
* Private                               Bachelor's-Granting *
*
*           CARNEGIE COUNCIL CATEGORY: 3.2 *
*
*
*****

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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	614	667	543	1,082	1,321	1,225	1,351	838	0	0	838
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	838	0	0	838
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	614	667	543	1,082	1,301	1,225	1,170	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	582	667	543	1,019	1,301	1,225	1,170	0	0	0	0
Other HHS	32	0	0	63	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	20	0	181	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	614	667	543	1,082	1,321	1,225	1,351	838
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	32	0	0	63	0	0	0	0
General Support for Science	0	0	0	0	20	0	181	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	582	667	543	1,019	1,301	1,225	1,170	838

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	12	14	14	-	14I	7	2	3	4	-	5I	0
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	1	1	1	-	1I	2	0	0	0	-	0I	0
Astronomers	-	-	0	-	0	0	0	0	0	-	0	0
Chemists	1	1	1	-	1I	1	0	0	0	-	0I	0
Physicists	0	0	0	-	0	1	0	0	0	-	0	0
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	2	2	-	2I	2	0	1	1	-	1I	0
Mathematicians	2	2	2	-	2I	2	0	1	1	-	1I	0
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	2	2	2	-	2I	3	0	0	0	-	0I	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	2	2	2	-	2I	3	0	0	0	-	0I	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENTISTS	7	9	9	-	9I	0	2	2	3	-	4I	0
Economists	0	0	0	-	0	0	0	0	0	-	0	0
Political Scientists	1	0	0	-	0	0	0	0	0	-	0	0
Sociologists	1	3	3	-	3I	0	0	0	1	-	1I	0
Social Scientists, n.e.c.	5	6	6	-	6I	0	2	2	2	-	3I	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	5	7	7	-	71	6	1	1	1	-	21	0
FIRST PROFESSIONAL .....	0	0	0	-	0	0	1	0	0	-	0	0
MASTER'S .....	7	6	6	-	61	1	0	2	3	-	31	0
BACHELOR'S (or equivalent) ...	0	1	1	-	11	0	0	0	0	-	01	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	9	9	-	91	7	5	5	-	51	0
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	1	1	-	11	2	0	0	-	01	0
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ...	2	2	-	21	2	0	0	-	01	0
Life Scientists .....	2	2	-	21	3	0	0	-	01	0
Psychologists .....	0	0	-	0	0	0	0	-	0	0
Social Scientists .....	4	4	-	41	0	5	5	-	51	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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2/26/82

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*
*          INSTITUTIONAL PROFILE
*
*
*          003630
*
*          PRAIRIE VIEW AGRICULTURE AND MECHANICAL UNIV
*
*          Public                               Master's-Granting
*
*          CARNEGIE COUNCIL CATEGDRY:  2.1
*
*
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges  
NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
NSF-NIH Survey of Graduate Science Students and Postdoctorates  
NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

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- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
Division of Science Resources Studies  
Universities and Nonprofit Institutions Studies Group  
Washington, D.C. 20550  
(202) 634-4673

Prepared by:

Moshman Associates, Inc.  
Education and Science Statistics Division  
6400 Goldsboro Road  
Bethesda, Maryland 20817  
(301) 229-3000

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SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	825	842I	1,099	-	1,381I	1,381E	768	783I	1,000	-	1,349I	1,349E
ENGINEERING	38	84I	35	-	47I	47I	38	76I	35	-	47I	47I
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	6I	-	-	-	-	-	6I
Engineering, n.e.c.	-	-	-	-	-	41I	-	-	-	-	-	41I
PHYSICAL SCIENCES	64	145I	51	-	37I	37I	51	139I	19	-	26I	26I
Astronomy	0	2I	0	-	0	0	0	1I	0	-	0	0
Chemistry	48	83I	51	-	37I	37I	35	81I	19	-	26I	26I
Physics	16	52I	0	-	0	0	16	51I	0	-	0	0
Physical Sci., n.e.c.	0	8I	0	-	0	0	0	6I	0	-	0	0
ENVIRONMENTAL SCIENCES	0	112I	0	-	0	0	0	102I	0	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env'tl Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	0	18I	18	-	25I	25I	0	16I	18	-	25I	25I
Mathematics	0	9I	18	-	25I	25I	0	8I	18	-	25I	25I
Computer Science	0	9I	0	-	0	0	0	8I	0	-	0	0
LIFE SCIENCES	577	252I	933	-	1,252I	1,252I	567	241I	928	-	1,251I	1,251I
Agricultural Sciences	411	99I	614	-	828I	828I	411	97I	614	-	828I	828I
Biological Sciences	160	118I	319	-	424I	424I	156	110I	314	-	423I	423I
Medical Sciences	0	23I	0	-	0	0	0	22I	0	-	0	0
Life Sci., n.e.c.	0	12I	0	-	0	0	0	12I	0	-	0	0
PSYCHOLOGY	0	45I	0	-	0	0	0	43I	0	-	0	0
SOCIAL SCIENCES	82	130I	62	-	20I	20I	82	113I	0	-	0I	0I
Economics	23	8I	0	-	0	0	23	7I	0	-	0	0
Political Science	0	11I	0	-	0	0	0	10I	0	-	0	0
Sociology	59	22I	0	-	0	0	59	20I	0	-	0	0
Social Sci., n.e.c.	0	89I	62	-	20I	20I	0	76I	0	-	0I	0I
OTHER SCIENCES, n.e.c.	64	56I	0	-	0	0	30	53I	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	825	842I	1,099	-	1,381I	1,381E
Federal Government	768	783I	1,000	-	1,349I	1,349E
State and Local Government	43	23I	62	-	20I	20I
Industry	0	8I	0	-	0	0
Institutional Funds	0	18I	0	-	0	0
All Other Outside Sources	14	10I	37	-	12I	12I

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	89	97I	72I	-	62I	62I	74	11I	8I	-	7I	7I
Engineering	2	14I	11I	-	10I	10I	2	4I	3I	-	3I	3I
Physical Sciences	15	10I	8I	-	6I	6I	1	0I	0I	-	0I	0I
Environmental Sciences	0	13I	9I	-	7I	7I	0	1I	1I	-	1I	1I
Math & Computer Sci	0	9I	7I	-	6I	6I	0	0I	0I	-	0I	0I
Life Sciences	9	30I	21I	-	19I	19I	8	5I	3I	-	3I	3I
Psychology	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Social Sciences	0	10I	8I	-	6I	6I	0	1I	1I	-	0I	0I
Other Sciences, n.e.c.	63	10I	7I	-	7I	7I	63	0I	0I	-	0I	0I

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	4,131	6,010	3,808	6,438	7,952	9,103	4,221	7,306	1,672	1,255	4,379
Department of Agriculture	1,720	1,456	1,294	1,460	1,956	2,146	2,278	2,434	1,529	905	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	4,022	0	0	4,022
Environmental Protection Agency	0	0	0	0	0	67	68	140	140	0	0
Dept. of Health & Human Services	2,357	4,415	2,448	4,532	5,747	6,599	1,547	687	0	330	0
National Institutes of Health	113	0	64	51	83	242	294	252	0	252	357
ADAMHA	36	15	13	13	0	0	0	0	0	0	0
Office of Education	2,208	4,197	2,261	4,356	5,476	6,145	1,090	0	0	0	0
Other HHS	0	203	110	112	188	212	163	435	0	78	357
Dept of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	300	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	74	34	44	42	35	44	3	3	0	0
National Science Foundation	54	65	32	102	207	204	284	20	0	20	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	52	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	4,131	6,010	3,808	6,438	7,952	9,103	4,221	7,306
Research and Development	1,199	1,033	1,045	1,228	1,220	1,325	1,495	1,672
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	15	26	14	14	115	127	67	134
General Support for Science	7	12	64	351	224	353	488	196
Other Science	558	539	301	364	801	1,013	916	925
Non-Science	2,352	4,400	2,384	4,481	5,592	6,285	1,255	4,379

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

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FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	DOE	NASA
TOTAL	1,199	1,033	1,045	1,228	1,220	1,325	1,495	1,672	1,529	140	3
ENGINEERING	154	41	0	34	0	52	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	21	0	0	0	0	0	0	0	0	0
Civil	0	0	0	20	0	52	0	0	0	0	0
Electrical	0	0	0	14	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	154	20	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	20	20	0	20	0	0	3	0	0	3
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	20	20	0	20	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	3	0	0	3
ENVIRONMENTAL SCIENCES	0	33	0	30	35	35	44	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	33	0	30	35	35	44	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	0	38	0	0	0	0	0	0	0
LIFE SCIENCES	414	0	0	636	675	858	967	1,000	1,000	0	0
Biological Sciences	414	0	0	636	675	858	967	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	1,000	1,000	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	631	939	1,025	490	490	380	434	594	529	65	0
Economics	390	0	0	0	0	380	434	529	529	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	241	0	0	0	0	0	0	65	0	65	0
Social Sciences, n.e.c.	0	939	1,025	490	490	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	50	75	0	75	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	32	50	-	50	64	12	20	0	21	30
Men	-	-	-	30	42	-	-	-	12	18
Women	-	-	-	20	22	-	-	-	9	12
First Year	-	-	-	21	26	-	-	-	-	-
Beyond First Year	-	-	-	29	38	-	-	-	-	-
U.S. Citizens	-	-	-	40	42	-	-	0	-	-
Foreign	-	-	-	10	22	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	6	11	-	10	6	1	6	0	6	4
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	4	6	-	8	6	2	2	0	1	1
Life Sciences	14	15	-	13	23	9	10	0	11	13
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	8	18	-	19	29	0	2	0	3	12

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PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	16	15	-	34	18
Engineering	0	0	-	0	0
Physical Sciences	0	3	-	0	0
Environmental Sciences	0	0	-	0	0
Math & Computer Sciences	15	10	-	29	15
Life Sciences	1	2	-	2	0
Psychology	0	0	-	0	0
Social Sciences	0	0	-	3	3

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

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POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
<b>FELLOWSHIPS &amp; TRAINEESHIPS</b>					
Federal Support	-	-	-	4	2
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	4	2
				0	0
<b>RESEARCH ASSISTANTSHIPS</b>					
Federal Support	-	-	-	19	23
Institutional Support	-	-	-	17	23
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	2	0
				0	0
<b>TEACHING ASSISTANTSHIPS</b>					
Federal Support	-	-	-	4	4
Institutional Support	-	-	-	4	4
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
				0	0
<b>OTHER TYPES OF SUPPORT</b>					
Federal Support	-	-	-	23	35
Institutional Support	-	-	-	0	3
Other Outside Support	-	-	-	0	2
Self-Support	-	-	-	1	10
				22	20

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	83I	86	87I	-	87I	87I	0I	1	1I	-	1I	1I
ENGINEERS	4I	20	21I	-	21I	21I	0I	0	0I	-	0I	0I
Aeronautical & Astronautical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Chemical Engineers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Civil Engineers	1I	4 <sup>a</sup>	4I	-	4I	4I	0I	0	0I	-	0	0
Electrical Engineers	1I	4	5I	-	5I	5I	0I	0	0I	-	0I	0I
Mechanical Engineers	1I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I
Engineers, n e c	1I	8	8I	-	8I	8I	0I	0	0I	-	0I	0I
PHYSICAL SCIENTISTS	13I	9	9I	-	9I	9I	0I	0	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	7I	6	6I	-	6I	6I	0I	0	0I	-	0	0
Physicists	5I	2	2I	-	2I	2I	0I	0	0I	-	0I	0I
Physical Scientists, n e c	1I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
ENVIRONMENTAL SCIENTISTS	4I	0	0I	-	0	0	0I	0	0I	-	0	0
Atmospheric Scientists	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Earth Scientists	4I	0	0I	-	0	0	0I	0	0I	-	0	0
Oceanographers	0I	0	0I	-	0	0	0I	0	0I	-	0	0
Environmental Scientists, n e c	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	13I	16	16I	-	16I	16I	0I	1	1I	-	1I	1I
Mathematicians	11I	15	15I	-	15I	15I	0I	1	1I	-	1I	1I
Computer Scientists	2I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
LIFE SCIENTISTS	15I	24	24I	-	24I	24I	0I	0	0I	-	0I	0I
Agricultural Scientists	3I	14	14I	-	14I	14I	0I	0	0I	-	0I	0I
Biological Scientists	12I	9	9I	-	9I	9I	0I	0	0I	-	0I	0I
Medical Scientists	0I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
Life Scientists, n.e.c	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	11I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I
SOCIAL SCIENTISTS	23I	13	13I	-	13I	13I	0I	0	0I	-	0I	0I
Economists	5I	3	3I	-	3I	3I	0I	0	0I	-	0I	0I
Political Scientists	6I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I
Sociologists	7I	6	6I	-	6I	6I	0I	0	0I	-	0I	0I
Social Scientists, n.e.c.	5I	0	0I	-	0	0	0I	0	0I	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	DOCTOR'S	62I	43	44I	-	44I	44I	0I	0	0I	-	0I
FIRST PROFESSIONAL	1I	1	1I	-	1I	1I	0I	0	0I	-	0I	0I
MASTER'S	19I	38	38I	-	38I	38I	0I	1	1I	-	1I	1I
BACHELOR(S (or equivalent)	1I	4	4I	-	4I	4I	0I	0	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	74	75I	-	75I	75I	12	12I	-	12I
Engineers	20	21I	-	21I	21I	0	0I	-	0I	0I
Physical Scientists	9	9I	-	9I	9I	0	0I	-	0I	0I
Environmental Scientists	0	0I	-	0	0	0	0I	-	0	0
Mathematical & Computer Scientists	11	11I	-	11I	11I	5	5I	-	5I	5I
Life Scientists	23	23I	-	23I	23I	1	1I	-	1I	1I
Psychologists	3	3I	-	3I	3I	1	1I	-	1I	1I
Social Scientists	8	8I	-	8I	8I	5	5I	-	5I	5I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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INSTITUTIONAL PROFILE: 003618 SOUTHWESTERN CHRISTIAN COLLEGE

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	106	249	214	464	488	452	369	262	0	0	262
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	262	0	0	262
Department of Energy	0	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	106	182	214	328	488	452	369	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	106	182	214	328	488	452	369	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	67	0	136	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	106	249	214	464	488	452	369	262
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	67	0	136	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	106	182	214	328	488	452	369	262

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
	TOTAL	4	6	4	-	4I	4	2	0	2	-	2I
ENGINEERS	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	1	1	2	-	2I	1	0	0	0	-	0I	0
Astronomers	1	1	1	-	0	0	0	0	0	-	0	0
Chemists	0	0	1	-	1I	1	0	0	0	-	0	0
Physicists	0	0	1	-	1I	0	0	0	0	-	0I	0
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	1	2	1	-	1I	2	0	0	0	-	0I	0
Mathematicians	1	2	1	-	1I	2	0	0	0	-	0I	0
Computer Scientists	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENTISTS	1	1	1	-	1I	1	0	0	0	-	0I	0
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	1	1	1	-	1I	1	0	0	0	-	0I	0
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGISTS	1	1	0	-	0I	0	0	0	1	-	1I	0
SOCIAL SCIENTISTS	0	1	0	-	0I	0	2	0	1	-	1I	0
Economists	0	0	0	-	0	0	1	0	0	-	0	0
Political Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Sociologists	0	1	0	-	0	0	0	0	0	-	0	0
Social Scientists, n.e.c.	0	0	0	-	0I	0	1	0	1	-	1I	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	1	1	1	-	1	1	0	0	0	-	0	0
FIRST PROFESSIONAL	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S	3	5	3	-	3	2	2	0	2	-	2	0
BACHELOR'S (or equivalent)	0	0	0	-	0	1	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	5	4	-	4	2	1	0	-	0	2
Engineers	0	0	-	0	0	0	0	-	0	0
Physical Scientists	1	2	-	2	1	0	0	-	0	0
Environmental Scientists	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists	2	1	-	1	0	0	0	-	0	2
Life Scientists	1	1	-	1	1	0	0	-	0	0
Psychologists	0	0	-	0	0	1	0	-	0	0
Social Scientists	1	0	-	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	759	884	833	2,055	1,285	900	233	1,309	0	0	1,309
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,309	0	0	1,309
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	759	884	833	2,055	1,285	900	233	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	759	884	833	2,055	1,285	900	233	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	759	884	833	2,055	1,285	900	233	1,309
Research and Development	0	0	0	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	2	0	2	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	757	884	831	2,055	1,285	900	233	1,309

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	111	111	111	-	111	111	01	01	01	-	01	01
ENGINEERS	21	11	11	-	11	11	01	01	01	-	01	01
Aeronautical & Astronautical Engineers	01	01	01	-	0	0	01	01	01	-	01	01
Chemical Engineers	01	01	01	-	0	0	01	01	01	-	0	0
Civil Engineers	01	01	01	-	0	0	01	01	01	-	0	0
Electrical Engineers	01	11	11	-	11	11	01	01	01	-	01	01
Mechanical Engineers	21	01	01	-	0	0	01	01	01	-	0	0
Engineers, n.e.c.	01	01	01	-	0	0	01	01	01	-	0	0
PHYSICAL SCIENTISTS	11	21	21	-	21	21	01	01	01	-	01	01
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	11	11	11	-	11	11	01	01	01	-	01	01
Physicists	01	11	11	-	11	11	01	01	01	-	01	01
Physical Scientists, n.e.c.	01	01	01	-	0	0	01	01	01	-	0	0
ENVIRONMENTAL SCIENTISTS	01	11	11	-	11	11	01	01	01	-	01	01
Atmospheric Scientists	01	01	01	-	0	0	01	01	01	-	0	0
Earth Scientists	01	11	11	-	11	11	01	01	01	-	01	01
Oceanographers	01	01	01	-	0	0	01	01	01	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	21	11	11	-	11	11	01	01	01	-	01	01
Mathematicians	21	11	11	-	11	11	01	01	01	-	01	01
Computer Scientists	01	01	01	-	0	0	01	01	01	-	0	0
LIFE SCIENTISTS	21	21	21	-	21	21	01	01	01	-	01	01
Agricultural Scientists	01	11	11	-	11	11	01	01	01	-	01	01
Biological Scientists	21	11	11	-	11	11	01	01	01	-	01	01
Medical Scientists	01	01	01	-	0	0	01	01	01	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	11	11	11	-	11	11	01	01	01	-	01	01
SOCIAL SCIENTISTS	31	31	31	-	31	31	01	01	01	-	01	01
Economists	01	01	01	-	0	0	01	01	01	-	0	0
Political Scientists	11	11	11	-	11	11	01	01	01	-	01	01
Sociologists	11	11	11	-	11	11	01	01	01	-	01	01
Social Scientists, n.e.c.	11	11	11	-	11	11	01	01	01	-	01	01

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	8I	7I	7I	-	7I	7I	0I	0I	0I	-	0I	0I
FIRST PROFESSIONAL	0I	0I	0I	-	0	0	0I	0I	0I	-	0	0
MASTER'S	2I	3I	3I	-	3I	3I	0I	0I	0I	-	0I	0I
BACHELOR'S (or equivalent)	1I	1I	1I	-	1I	1I	0I	0I	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	8I	8I	-	8I	8I	3I	3I	-	3I	3I
Engineers	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Physical Scientists	2I	2I	-	2I	2I	0I	0I	-	0I	0I
Environmental Scientists	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Mathematical & Computer Scientists	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Life Scientists	2I	2I	-	2I	2I	0I	0I	-	0I	0I
Psychologists	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Social Scientists	0I	0I	-	0I	0I	3I	3I	-	3I	3I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SEPARATELY BUDGETED R&O EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	203	233	251	-	315I	362I	69	183	199	-	269I	303I
ENGINEERING	0	0	0I	-	0	0	0	0	0I	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	21	53	56I	-	71I	81I	21	44	47I	-	63I	71I
Astronomy	0	0	0I	-	0	0	0	0	0I	-	0	0
Chemistry	21	27	28I	-	35I	39I	21	22	23I	-	31I	34I
Physics	0	22	24I	-	30I	35I	0	18	20I	-	26I	30I
Physical Sci., n.e.c.	0	4	4I	-	6I	7I	0	4E	4I	-	6I	7I
ENVIRONMENTAL SCIENCES	48	40	44I	-	59I	66I	48	40	44I	-	59I	66I
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	39I	-	-	-	-	-	39I
Oceanographic Sci.	-	-	-	-	-	8I	-	-	-	-	-	8I
Env't'l Sci., n.e.c.	-	-	-	-	-	19I	-	-	-	-	-	19I
MATH. & COMPUTER SCI.	0	0	0I	-	0	0	0	0	0I	-	0	0
Mathematics	0	0	0I	-	0	0	0	0	0I	-	0	0
Computer Science	0	0	0I	-	0	0	0	0	0I	-	0	0
LIFE SCIENCES	62	96	104I	-	138I	157I	0	89	97I	-	132I	149I
Agricultural Sciences	0	0	0I	-	0	0	0	0	0I	-	0	0
Biological Sciences	5	7	7I	-	6I	8I	0	0	0I	-	0	0
Medical Sciences	57	89	97I	-	132I	149I	0	89	97I	-	132I	149I
Life Sci., n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
PSYCHOLOGY	0	0	0I	-	0	0	0	0	0I	-	0	0
SOCIAL SCIENCES	72	44	47I	-	47I	58I	0	10	11I	-	15I	17I
Economics	0	0	0I	-	0	0	0	0	0I	-	0	0
Political Science	0	27	29I	-	31I	37I	0	10	11I	-	15I	17I
Sociology	72	17	18I	-	16I	21I	0	0	0I	-	0	0
Social Sci., n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0
OTHER SCIENCES, n.e.c.	0	0	0I	-	0	0	0	0	0I	-	0	0

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SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	203	233	251	-	315I	362I
Federal Government	69	183	199	-	269I	303I
State and Local Government	16	28	27	-	24I	31I
Industry	0	0	0	-	0	0
Institutional Funds	0	17	12	-	10I	12I
All Other Outside Sources	118	5	13	-	12I	16I

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	50	132	98I	-	85I	85I	41	107	79I	-	68I	68I
Engineering	0	4	3I	-	3I	3I	0	0	0I	-	0I	0I
Physical Sciences	14	46	34I	-	29I	29I	10	44	33I	-	29I	29I
Environmental Sciences	0	0	0I	-	0	0	0	0	0I	-	0	0
Math & Computer Sci.	11	2	2I	-	2I	2I	10	0	0I	-	0I	0I
Life Sciences	23	68	50I	-	43I	43I	21	63	46I	-	39I	39I
Psychology	0	1	1I	-	0	0	0	0	0I	-	0	0
Social Sciences	2	9	7I	-	7I	7I	0	0	0I	-	0I	0
Other Sciences, n.e.c.	0	2	1I	-	1I	1I	0	0	0I	-	0I	0I

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,731	4,454	3,231	4,222	6,986	9,182	1,953	4,334	337	712	3,285
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	100	100	0	0
Department of Defense	0	0	0	0	0	0	0	22	22	0	0
Department of Education	0	0	0	0	0	0	0	3,211	0	59	3,152
Department of Energy	0	20	23	27	29	86	101	59	39	0	20
Environmental Protection Agency	0	80	27	0	48	79	0	0	0	0	0
Dept. of Health & Human Services	2,581	3,926	2,650	4,056	6,666	8,569	1,721	658	0	545	113
National Institutes of Health	533	283	235	321	554	395	591	545	0	545	0
ADAMHA	0	0	0	0	0	15	0	0	0	0	0
Office of Education	2,048	3,304	2,120	3,445	5,821	7,951	919	0	0	0	0
Other HHS	0	339	295	290	291	208	211	113	0	0	0
Dept. of Housing & Urban Dev.	0	0	181	120	11	255	0	0	0	0	113
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	59	46	0	0	0	0	176	176	0	0
National Science Foundation	150	369	304	19	232	130	131	108	0	108	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	63	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,731	4,454	3,231	4,222	6,986	9,182	1,953	4,334
Research and Development	0	159	277	166	177	538	135	337
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	54	0	0	192	167	222	227
General Support for Science	215	563	235	321	512	294	496	459
Other Science	145	35	304	0	0	24	0	26
Non-Science	2,371	3,643	2,415	3,735	6,105	8,159	1,100	3,285

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA	COM	DOE
TOTAL	-	159	277	166	177	538	135	337	176	100	39
ENGINEERING	-	0	24	0	0	0	0	176	176	0	0
Aeronautical	-	0	0	0	0	0	0	0	0	0	0
Astronautical	-	0	0	0	0	0	0	0	0	0	0
Chemical	-	0	24	0	0	0	0	0	0	0	0
Civil	-	0	0	0	0	0	0	0	0	0	0
Electrical	-	0	0	0	0	0	0	0	0	0	0
Mechanical	-	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	-	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	-	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	-	100	50	27	97	114	35	61	0	0	39
Astronomy	-	0	0	0	0	0	0	0	0	0	0
Chemistry	-	100	50	27	68	114	35	61	0	0	39
Physics	-	0	0	0	29	0	0	0	0	0	0
Physical Sciences, n.e.c.	-	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	-	9	1	0	0	51	66	0	0	0	0
Atmospheric Sciences	-	9	1	0	0	0	0	0	0	0	0
Geological Sciences	-	0	0	0	0	0	0	0	0	0	0
Oceanography	-	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	-	0	0	0	0	51	66	0	0	0	0
MATH. AND COMPUTER SCIENCES	-	0	0	19	0	0	0	0	0	0	0
LIFE SCIENCES	-	0	0	0	62	55	34	0	0	0	0
Biological Sciences	-	0	0	0	20	0	0	0	0	0	0
Medical Sciences	-	0	0	0	42	55	34	0	0	0	0
Life Sciences, n.e.c.	-	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	-	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	-	0	0	120	18	318	0	100	0	100	0
Economics	-	0	0	0	0	0	0	0	0	100	0
Political Science	-	0	0	0	0	0	0	100	0	100	0
Sociology	-	0	0	120	11	255	0	0	0	0	0
Social Sciences, n.e.c.	-	0	0	0	7	63	0	0	0	0	0
OTHER SCIENCES, n.e.c.	-	50	202	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	92	97	-	109	118	3	21	0	40	21
Men	-	-	-	71	82	-	-	-	21	10
Women	-	-	-	38	36	-	-	-	19	11
First Year	-	-	-	31	37	-	-	-	-	-
Beyond First Year	-	-	-	78	81	-	-	-	-	-
U.S. Citizens	-	-	-	67	74	-	-	0	-	-
Foreign	-	-	-	42	44	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	18	28	-	22	20	1	7	0	18	2
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	19	17	-	16	15	0	3	0	1	0
Life Sciences	35	30	-	43	46	1	8	0	17	17
Psychology	11	9	-	17	20	0	2	0	3	2
Social Sciences	9	13	-	11	17	1	1	0	1	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	114	111	-	48	51
Engineering	0	0	-	0	0
Physical Sciences	3	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	52	55	-	17	17
Life Sciences	8	0	-	0	0
Psychology	35	41	-	31	30
Social Sciences	16	15	-	0	4

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POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	2	0	-	-	-	2	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	2	0	-	-	-	2	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	16	11
Federal Support	-	-	-	14	11
Institutional Support	-	-	-	2	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	16	2
Federal Support	-	-	-	16	0
Institutional Support	-	-	-	0	2
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	5	4
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	5	4
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	72	101
Federal Support	-	-	-	10	10
Institutional Support	-	-	-	1	4
Other Outside Support	-	-	-	2	0
Self-Support	-	-	-	59	87

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

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SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	96	108	108	-	108I	108I	12	12	12	-	14I	14I
ENGINEERS .....	0	0	0	-	0	0	0	0	0	-	0	0
Aeronautical & Astronautical Engineers .....	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers .....	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers .....	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers .....	0	0	0	-	0	0	0	0	0	-	0	0
Mechanical Engineers .....	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n e c .....	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS .....	11	13	13	-	13I	13I	3	3	3	-	4I	4I
Astronomers .....	-	-	0	-	0	0	-	-	0	-	0	0
Chemists .....	7	8	8	-	8I	8I	3	3	3	-	4I	4I
Physicists .....	4	5	5	-	5I	5I	0	0	0	-	0I	0I
Physical Scientists, n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS .....	0	0	0	-	0	0	0	0	0	-	0	0
Atmospheric Scientists .....	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists .....	0	0	0	-	0	0	0	0	0	-	0	0
Oceanographers .....	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c. ....	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS .....	22	25	25	-	25I	25I	2	2	2	-	2I	2I
Mathematicians .....	19	21	21	-	21I	21I	2	2	2	-	2I	2I
Computer Scientists .....	3	4	4	-	4I	4I	0	0	0	-	0I	0I
LIFE SCIENTISTS .....	16	19	19	-	19I	19I	0	0	0	-	0I	0I
Agricultural Scientists .....	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists .....	16	19	19	-	19I	19I	0	0	0	-	0I	0I
Medical Scientists .....	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c. ....	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS .....	18	18	18	-	18I	18I	3	3	3	-	3I	3I
SOCIAL SCIENTISTS .....	29	33	33	-	33I	33I	4	4	4	-	5I	5I
Economists .....	7	7	7	-	7I	7I	1	1	1	-	1I	1I
Political Scientists .....	9	13	13	-	13I	13I	0	0	0	-	0I	0I
Sociologists .....	13	13	13	-	13I	13I	3	3	3	-	4I	4I
Social Scientists, n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	49	60	60	-	60I	60I	4	4	4	-	4I	4I
FIRST PROFESSIONAL .....	1	1	1	-	1I	1I	0	0	0	-	0I	0I
MASTER'S .....	0	46	46	-	46I	46I	8	8	8	-	10I	10I
BACHELOR'S (or equivalent) .....	46	1	1	-	1I	1I	0	0	0	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	76	76	-	76I	76I	32	32	-	32I	32I
Engineers .....	0	0	-	0	0	0	0	-	0	0
Physical Scientists .....	11	11	-	11I	11I	2	2	-	2I	2I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	16	16	-	16I	16I	9	9	-	9I	9I
Life Scientists .....	15	15	-	15I	15I	4	4	-	4I	4I
Psychologists .....	12	12	-	12I	12I	6	6	-	6I	6I
Social Scientists .....	22	22	-	22I	22I	11	11	-	11I	11I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976*	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	555	508	882	1,205	1,488	1,956	1,150	833	0	0	833
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	833	0	0	833
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	555	348	862	1,205	1,488	1,956	1,150	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	555	348	862	1,205	1,488	1,956	1,150	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	160	20	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	555	508	882	1,205	1,488	1,956	1,150	833
Research and Development	0	0	20	0	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	160	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	555	348	862	1,205	1,488	1,956	1,150	833

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	10	10I	10I	-	10I	10I	0	0I	0I	-	0I	0I
ENGINEERS	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Aeronautical & Astronautical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Chemical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Civil Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Electrical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Mechanical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Engineers, n.e.c.	0	0I	0I	-	0	0	0	0I	0I	-	0	0
PHYSICAL SCIENTISTS	1	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Astronomers	0	-	0	-	0	0	-	-	0	-	0	0
Chemists	0	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Physicists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Physical Scientists, n.e.c.	1	0I	0I	-	0	0	0	0I	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Atmospheric Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Earth Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Oceanographers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	2	3I	3I	-	3I	3I	0	0I	0I	-	0I	0I
Mathematicians	2	3I	3I	-	3I	3I	0	0I	0I	-	0I	0I
Computer Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
LIFE SCIENTISTS	2	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Agricultural Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Biological Scientists	2	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Medical Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
SOCIAL SCIENTISTS	5	3I	3I	-	3I	3I	0	0I	0I	-	0I	0I
Economists	1	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Political Scientists	1	0I	0I	-	0	0	0	0I	0I	-	0	0
Sociologists	3	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Social Scientists, n.e.c.	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	2	6I	6I	-	6I	6I	0	0I	0I	-	0I	0I
FIRST PROFESSIONAL .....	0	0I	0I	-	0	0	0	0I	0I	-	0	0
MASTER'S .....	8	3I	3I	-	3I	3I	0	0I	0I	-	0I	0I
BACHELDR'S (or equivalent) .....	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	9I	9I	-	9I	9I	1I	1I	-	1I	1I
Engineers .....	0I	0I	-	0	0	0I	0I	-	0	0
Physical Scientists .....	2I	2I	-	2I	2I	0I	0I	-	0I	0I
Environmental Scientists .....	0I	0I	-	0	0	0I	0I	-	0	0
Mathematical & Computer Scientists ..	3I	3I	-	3I	3I	0I	0I	-	0I	0I
Life Scientists .....	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Psychologists .....	1I	1I	-	1I	1I	0I	0I	-	0I	0I
Social Scientists .....	2I	2I	-	2I	2I	1I	1I	-	1I	1I

SDURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.



TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,693	3,169	2,479	2,090	2,614	5,409	2,065	4,455	596	155	3,704
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	10	188	188	0	0
Department of Energy	0	0	0	0	0	0	0	3,322	0	25	3,297
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,573	2,972	2,269	1,873	2,203	4,577	1,582	189	189	0	0
National Institutes of Health	261	83	70	57	25	0	0	407	0	0	407
ADAMHA	9	12	0	0	0	0	69	0	0	0	0
Office of Education	1,283	2,478	1,964	1,452	1,899	4,307	1,140	0	0	0	85
Other HHS	20	399	235	364	279	270	373	322	0	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	322
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	114	192	188	153	210	239	293	320	219	101	0
National Science Foundation	6	5	22	0	201	277	180	29	0	29	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,693	3,169	2,479	2,090	2,614	5,409	2,065	4,455
Research and Development	87	104	158	183	117	505	428	596
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	29	12	0	0	0	0	0	0
General Support for Science	104	88	70	26	36	35	76	25
Other Science	27	88	52	57	226	277	18	0
Non-Science	1,446	2,877	2,199	1,816	2,142	4,542	1,506	3,704

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 003714 HAMPTON INSTITUTE

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	NASA	EPÁ	DOD
TOTAL	87	104	158	183	117	505	428	596	219	189	188
ENGINEERING	0	0	16	83	47	150	159	20	20	0	0
Aeronautical	0	0	0	46	0	84	83	10	10	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	16	37	47	66	76	10	10	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	15	56	87	100	70	0	49	139	41	0	98
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	32	0	34	0	0	0	0	0	0
Physics	15	37	32	64	0	0	49	139	41	0	98
Physical Sciences, n.e.c.	0	19	23	36	36	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	48	0	0	0	316	143	323	134	189	0
Atmospheric Sciences	0	0	0	0	0	0	0	127	127	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	48	0	0	0	316	143	189	0	189	0
MATH. AND COMPUTER SCIENCES	0	0	0	0	0	39	32	24	24	0	0
LIFE SCIENCES	0	0	0	0	0	0	0	0	0	0	0
Biological Sciences	0	0	0	0	0	0	0	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	72	0	55	0	0	0	0	90	0	0	90
SOCIAL SCIENCES	0	0	0	0	0	0	45	0	0	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	0	0	45	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	3	17	-	34	44	1	0	0	15	27
Men	-	-	-	12	9	-	-	-	5	6
Women	-	-	-	22	35	-	-	-	10	21
First Year	-	-	-	17	11	-	-	-	-	-
Beyond First Year	-	-	-	17	33	-	-	-	-	-
U.S. Citizens	-	-	-	34	41	-	-	0	-	-
Foreign	-	-	-	0	3	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	0	2	-	2	2	0	0	0	0	0
Environmental Sciences	0	0	-	0	0	0	0	0	0	0
Math. & Computer Sciences	0	0	-	4	2	0	0	0	1	1
Life Sciences	3	15	-	28	40	1	0	0	14	26
Psychology	0	0	-	0	0	0	0	0	0	0
Social Sciences	0	0	-	0	0	0	0	0	0	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	13	27	-	46	37
Engineering	0	0	-	0	0
Physical Sciences	0	0	-	0	0
Environmental Sciences	0	0	-	0	0
Math. & Computer Sciences	0	2	-	2	1
Life Sciences	13	25	-	44	36
Psychology	0	0	-	0	0
Social Sciences	0	0	-	0	0

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

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POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	0	0	-	-	-	0	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	0	0	-	-	-	0	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	-	-
Federal Support	-	-	-	12	18
Institutional Support	-	-	-	12	18
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	-	-
Federal Support	-	-	-	1	4
Institutional Support	-	-	-	0	3
Other Outside Support	-	-	-	0	1
Self-Support	-	-	-	1	0
TEACHING ASSISTANTSHIPS	-	-	-	-	-
Federal Support	-	-	-	7	10
Institutional Support	-	-	-	3	6
Other Outside Support	-	-	-	4	4
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	-	-
Federal Support	-	-	-	14	12
Institutional Support	-	-	-	0	0
Other Outside Support	-	-	-	1	0
Self-Support	-	-	-	0	0
	-	-	-	13	12

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SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	46I	47	53	-	54I	56I	10I	8	2	-	2I	2I
ENGINEERS	4I	3	4	-	4I	5I	1I	0	0	-	0I	0I
Aeronautical & Astronautical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Chemical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Civil Engineers	1I	1	0	-	0	0	0I	0	0	-	0	0
Electrical Engineers	2I	2	2	-	2I	2I	0I	0	0	-	0	0
Mechanical Engineers	1I	0	1	-	1I	1I	1I	0	0	-	0I	0I
Engineers, n.e.c.	0I	0	1	-	1I	2I	0I	0	0	-	0I	0I
PHYSICAL SCIENTISTS	9I	8	9	-	9I	9I	1I	2	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	6I	4	5	-	5I	5I	0I	2	0	-	0I	0I
Physicists	3I	3	3	-	3I	3I	1I	0	0	-	0I	0I
Physical Scientists, n.e.c.	0I	1	1	-	1I	1I	0I	0	0	-	0I	0I
ENVIRONMENTAL SCIENTISTS	1I	0	0	-	0	0	0I	0	0	-	0	0
Atmospheric Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Earth Scientists	1I	0	0	-	0	0	0I	0	0	-	0	0
Oceanographers	0I	0	0	-	0	0	0I	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	6I	10	11	-	11I	12I	1I	4	2	-	2I	2I
Mathematicians	5I	10	10	-	10I	10I	1I	4	2	-	2I	2I
Computer Scientists	1I	0	1	-	1I	2I	0I	0	0	-	0I	0I
LIFE SCIENTISTS	7I	8	10	-	11I	11I	0I	0	0	-	0I	0I
Agricultural Scientists	1I	0	0	-	0	0	0I	0	0	-	0	0
Biological Scientists	6I	8	10	-	11I	11I	0I	0	0	-	0I	0I
Medical Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	5I	6	7	-	7I	7I	2I	1	0	-	0I	0I
SOCIAL SCIENTISTS	14I	12	12	-	12I	12I	5I	1	0	-	0I	0I
Economists	3I	3	3	-	3I	3I	2I	0	0	-	0I	0I
Political Scientists	3I	3	3	-	3I	3I	1I	1	0	-	0I	0I
Sociologists	4I	6	6	-	6I	6I	1I	0	0	-	0I	0I
Social Scientists, n.e.c.	4I	0	0	-	0	0	1I	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

INSTITUTIONAL PROFILE: 003714 HAMPTON INSTITUTE

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	32I	25	28	-	28I	29I	4I	5	0	-	0I	0I
FIRST PROFESSIONAL .....	0I	0	0	-	0	0	0I	0	0	-	0	0
MASTER'S .....	13I	22	25	-	26I	27I	5I	3	2	-	2I	2I
BACHELOR'S (or equivalent) .....	1I	0	0	-	0	0	1I	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	30	35	-	37I	39I	17	18	-	17I	17I
Engineers .....	3	4	-	4I	5I	0	0	-	0I	0I
Physical Scientists .....	5	6	-	7I	7I	3	3	-	2I	2I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	6	7	-	7I	8I	4	4	-	4I	4I
Life Scientists .....	5	6	-	7I	7I	3	4	-	4I	4I
Psychologists .....	3	4	-	4I	4I	3	3	-	3I	3I
Social Scientists .....	8	8	-	8I	8I	4	4	-	4I	4I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.





INSTITUTIONAL PROFILE: 003765 NORFOLK STATE UNIVERSITY

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL .....	181	161	259	-	230	580	181	161	254	-	228	580
ENGINEERING .....	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical ..	-	-	-	-	-	0	-	-	-	-	0	0
Chemical .....	-	-	-	-	-	0	-	-	-	-	-	0
Civil .....	-	-	-	-	-	0	-	-	-	-	-	0
Electrical .....	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical .....	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c. ..	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES .....	65	10	61	-	7	0	65	10	56	-	5	0
Astronomy .....	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry .....	58	6	5	-	0	0	58	6	5	-	0	0
Physics .....	7	4	56	-	7	0	7	4	51	-	0	0
Physical Sci., n.e.c. ..	0	0	0	-	0	0	0	0	0	-	5	0
ENVIRONMENTAL SCIENCES .....	0	0	0	-	0	124	0	0	0	-	0	124
Atmospheric Sciences ..	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences .....	-	-	-	-	-	124	-	-	-	-	-	124
Oceanographic Sci. ....	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c. ....	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI. ....	47	41	27	-	12	0	47	41	27	-	12	0
Mathematics .....	41	25	15	-	2	0	41	25	15	-	2	0
Computer Science .....	6	16	12	-	10	0	6	16	12	-	10	0
LIFE SCIENCES .....	69	110	171	-	211	453	69	110	171	-	211	453
Agricultural Sciences ..	0	0	0	-	0	0	0	0	0	-	0	0
Biological Sciences ..	69	110	171	-	211	453	69	110	171	-	211	453
Medical Sciences .....	0	0	0	-	0	0	0	0	0	-	0	0
Life Sci., n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY .....	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENCES .....	0	0	0	-	0	0	0	0	0	-	0	0
Economics .....	0	0	0	-	0	0	0	0	0	-	0	0
Political Science .....	0	0	0	-	0	0	0	0	0	-	0	0
Sociology .....	0	0	0	-	0	0	0	0	0	-	0	0
Social Sci., n.e.c. ....	0	0	0	-	0	0	0	0	0	-	0	0
OTHER SCIENCES, n.e.c. ....	0	0	0	-	0	3	0	0	0	-	0	3
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SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	181	161	259	-	230	580
Federal Government	181	161	254	-	228	580
State and Local Government	0	0	0	-	0	0
Industry	0	0	5	-	2	0
Institutional Funds	0	0	0	-	0	0
All Other Outside Sources	0	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

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FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	94	28	66	-	8	81	67	19	56	-	6	61
Engineering	0	0	0	-	0	0	0	0	0	-	0	0
Physical Sciences	40	20	54	-	7	71	27	11	49	-	0	0
Environmental Sciences	0	0	0	-	0	0	0	0	0	-	5	51
Math. & Computer Sci.	26	5	4	-	1	11	21	5	4	-	0	0
Life Sciences	28	3	8	-	0	0	19	3	3	-	1	11
Psychology	0	0	0	-	0	0	0	0	0	-	0	0
Social Sciences	0	0	0	-	0	0	0	0	0	-	0	0
Other Sciences, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	2,200	3,889	2,707	3,319	4,909	7,359	1,892	3,789	56	358	3,375
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	12	13	14	15	0	0	0	3,268	0	0	3,268
Environmental Protection Agency	0	0	0	54	41	44	0	0	0	0	0
Dept. of Health & Human Services	2,145	3,536	2,616	2,961	4,844	7,315	1,892	458	56	295	107
National Institutes of Health	122	106	93	101	198	189	198	200	0	200	0
ADAMHA	0	0	0	97	84	103	94	93	0	0	93
Office of Education	1,996	3,373	2,503	2,712	4,494	6,942	1,450	0	0	0	0
Other HHS	27	57	20	51	68	81	150	165	56	95	14
Dept of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	43	100	68	87	5	0	0	0	0	0	0
National Science Foundation	0	240	9	202	19	0	0	46	0	46	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	2,200	3,889	2,707	3,319	4,909	7,359	1,892	3,789
Research and Development	55	85	57	125	46	66	52	56
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	27	0	0	30	45	45	82	95
General Support for Science	100	346	93	303	198	189	198	200
Other Science	0	28	34	31	19	0	0	63
Non-Science	2,018	3,430	2,523	2,830	4,601	7,059	1,560	3,375

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	HHS		
TOTAL	55	85	57	125	46	66	52	56	56	0	0
ENGINEERING	0	0	0	0	0	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	0	0	0	54	41	44	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	54	41	44	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	12	13	14	15	0	0	0	0	0	0	0
Atmospheric Sciences	12	13	14	15	0	0	0	0	0	0	0
Geological Sciences	0	0	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	29	30	26	5	0	0	0	0	0	0
LIFE SCIENCES	0	43	0	30	0	0	0	0	0	0	0
Biological Sciences	0	0	0	0	0	0	0	0	0	0	0
Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
Life Sciences, n.e.c.	0	43	0	30	0	0	0	0	0	0	0
PSYCHOLOGY	43	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	0	13	0	0	22	52	56	56	0	0
Economics	0	0	0	0	0	0	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	13	0	0	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	22	52	56	56	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	51	54	56	-	56I	58I	1	2	11	-	13I	14I
ENGINEERS	0	0	0	-	0I	0I	0	1	1	-	2I	2I
Aeronautical & Astronautical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Chemical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Civil Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Electrical Engineers	0	0	0	-	0I	0I	0	1	1	-	2I	2I
Mechanical Engineers	0	0	0	-	0	0	0	0	0	-	0	0
Engineers, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PHYSICAL SCIENTISTS	13	14	14	-	14I	14I	0	1	2	-	2I	2I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	4	4	5	-	5I	5I	0	1	0	-	0I	0I
Physicists	9	10	9	-	9I	9I	0	0	2	-	2I	2I
Physical Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	0	1	1	-	1I	1I	0	0	0	-	0I	0I
Atmospheric Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Earth Scientists	0	1	1	-	1I	1I	0	0	0	-	0I	0I
Oceanographers	0	0	0	-	0	0	0	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	26	24	26	-	26I	27I	1	0	8	-	9I	10I
Mathematicians	26	21	23	-	23I	24I	0	0	8	-	9I	10I
Computer Scientists	0	3	3	-	3I	3I	0	0	0	-	0I	0I
LIFE SCIENTISTS	12	15	15	-	15I	16I	0	0	0	-	0I	0I
Agricultural Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Biological Scientists	12	15	15	-	15I	16I	0	0	0	-	0I	0I
Medical Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENTISTS	0	0	0	-	0	0	0	0	0	-	0	0
Economists	0	0	0	-	0	0	0	0	0	-	0	0
Political Scientists	0	0	0	-	0	0	0	0	0	-	0	0
Sociologists	0	0	0	-	0	0	0	0	0	-	0	0
Social Scientists, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	27	34	35	-	35I	36I	0	1	3	-	4I	4I
FIRST PROFESSIONAL .....	0	0	0	-	0	0	0	0	0	-	0	0
MASTER'S .....	22	19	21	-	21I	22I	1	1	8	-	9I	10I
BACHELOR'S (or equivalent) .....	2	1	0	-	0	0	0	0	0	-	0	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	37	35	-	35I	36I	17	21	-	21I	22I
Engineers .....	0	0	-	0I	0I	0	0	-	0I	0I
Physical Scientists .....	13	13	-	13I	13I	1	1	-	1I	1I
Environmental Scientists .....	1	1	-	1I	1I	0	0	-	0I	0I
Mathematical & Computer Scientists .....	15	13	-	13I	13I	9	13	-	13I	14I
Life Scientists .....	8	8	-	8I	9I	7	7	-	7I	7I
Psychologists .....	0	0	-	0	0	0	0	-	0	0
Social Scientists .....	0	0	-	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Qthr Sci	Non-Sci
TOTAL	815	1,464	1,208	1,418	1,487	2,178	1,889	744	0	0	744
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	744	0	0	744
Environmental Protection Agency	0	0	20	6	0	0	0	0	0	0	0
Dept. of Health & Human Services	815	1,464	1,188	1,412	1,487	2,178	1,889	0	0	0	0
National Institutes of Health	0	0	0	0	0	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	815	1,464	1,188	1,412	1,487	2,178	1,889	0	0	0	0
Other HHS	0	0	0	0	0	0	0	0	0	0	0
Dept of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	815	1,464	1,208	1,418	1,487	2,178	1,889	744
Research and Development	0	0	20	6	0	0	0	0
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	0	0	0
General Support for Science	0	0	0	0	0	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	815	1,464	1,188	1,412	1,487	2,178	1,889	744

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.



SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,776	1,208	679	-	2,128	1,913	1,776	1,208	679	-	2,128	1,904
ENGINEERING	0	0	0	-	0	0	0	0	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	0	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	27	24	70	-	43	0	27	24	70	-	43	0
Astronomy	0	0	0	-	0	0	0	0	0	-	0	0
Chemistry	0	0	58	-	0	0	0	0	58	-	0	0
Physics	27	24	12	-	43	0	27	24	12	-	43	0
Physical Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
ENVIRONMENTAL SCIENCES	86	0	0	-	0	0	86	0	0	-	0	0
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	0	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	0	-	-	-	-	-	0
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	59	0	23	-	0	0	59	0	23	-	0	0
Mathematics	59	0	23	-	0	0	59	0	23	-	0	0
Computer Science	0	0	0	-	0	0	0	0	0	-	0	0
LIFE SCIENCES	1,244	1,115	474	-	1,816	1,913	1,244	1,115	474	-	1,816	1,904
Agricultural Sciences	1,121	975	114	-	1,608	1,727	1,121	975	114	-	1,608	1,718
Biological Sciences	119	30	360	-	208	186	119	30	360	-	208	186
Medical Sciences	4	110	0	-	0	0	4	110	0	-	0	0
Life Sci., n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0
PSYCHOLOGY	0	0	0	-	0	0	0	0	0	-	0	0
SOCIAL SCIENCES	360	69	112	-	269	0	360	69	112	-	269	0
Economics	288	0	0	-	269	0	288	0	0	-	269	0
Political Science	72	10	0	-	0	0	72	10	0	-	0	0
Sociology	0	59	0	-	0	0	0	59	0	-	0	0
Social Sci., n.e.c.	0	0	112	-	0	0	0	0	112	-	0	0
OTHER SCIENCES, n.e.c.	0	0	0	-	0	0	0	0	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	1,776	1,208	679	-	2,128	1,913
Federal Government	1,776	1,208	679	-	2,128	1,904
State and Local Government	0	0	0	-	0	0
Industry	0	0	0	-	0	0
Institutional Funds	0	0	0	-	0	9
All Other Outside Sources	0	0	0	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	25	271	0	-	320	0	25	31	0	-	160	0
Engineering	0	41	0	-	0	0	0	11	0	-	0	0
Physical Sciences	0	41	0	-	0	0	0	11	0	-	0	0
Environmental Sciences	25	31	0	-	0	0	25	01	0	-	0	0
Math. & Computer Sci.	0	21	0	-	0	0	0	01	0	-	0	0
Life Sciences	0	81	0	-	320	0	0	11	0	-	160	0
Psychology	0	01	0	-	0	0	0	01	0	-	0	0
Social Sciences	0	31	0	-	0	0	0	01	0	-	0	0
Other Sciences, n.e.c.	0	31	0	-	0	0	0	01	0	-	0	0

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	3,425	3,001	3,120	4,007	7,616	3,802	3,920	5,732	1,242	973	3,517
Department of Agriculture	1,058	1,028	929	1,015	1,326	1,433	1,712	1,713	1,082	631	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	30	30	20	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	3,543	0	26	3,517
Environmental Protection Agency	45	0	39	30	0	0	0	0	0	0	0
Dept. of Health & Human Services	1,849	1,739	2,048	2,938	5,862	2,276	2,128	320	26	294	0
National Institutes of Health	41	106	102	110	114	214	219	294	0	294	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,808	1,633	1,946	2,828	5,748	2,062	1,864	0	0	0	0
Other HHS	0	0	0	0	0	0	45	26	26	0	0
Dept. of Housing & Urban Dev.	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	350	0	0	0	0	0	0
Department of Labor	75	0	0	0	0	0	0	0	0	0	0
NASA	94	63	65	24	34	0	43	75	75	0	0
National Science Foundation	274	141	19	0	44	22	37	22	0	22	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	71	0	59	59	0	0

TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	3,425	3,001	3,120	4,007	7,616	3,802	3,920	5,732
Research and Development	833	761	850	834	876	941	1,190	1,242
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	7	0
Fellowships & Training Grants	0	54	0	0	0	0	38	159
General Support for Science	289	117	102	110	464	222	219	183
Other Science	495	436	222	235	528	577	640	631
Non-Science	1,808	1,633	1,946	2,828	5,748	2,062	1,826	3,517

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

INSTITUTIONAL PROFILE: 003764 VIRGINIA STATE UNIVERSITY

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	NASA	DOT.
TOTAL	833	761	850	834	876	941	1,190	1,242	1,082	75	59
ENGINEERING	121	0	29	0	0	0	0	78	19	0	59
Aeronautical	0	0	29	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	59	0	0	59
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	121	0	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES	46	56	47	24	34	0	43	50	0	50	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0
Physics	16	26	27	24	34	0	43	50	0	50	0
Physical Sciences, n.e.c.	30	30	20	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	14	20	9	0	22	0	11	0	0	0	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	14	20	9	0	22	0	11	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH AND COMPUTER SCIENCES	51	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES	601	685	765	810	321	870	1,091	936	936	0	0
Biological Sciences	601	685	765	810	321	870	80	811	811	0	0
Medical Sciences	0	0	0	0	0	0	1,011	125	125	0	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	0	0	0	499	71	45	153	127	0	0
Economics	0	0	0	0	0	71	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0	0	0	0
Social Sciences, n.e.c.	0	0	0	0	499	0	45	127	127	0	0
OTHER SCIENCES, n.e.c.	0	0	0	0	0	0	0	25	0	25	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

CHARACTERISTICS OF FULL-TIME GRADUATE SCIENCE STUDENTS: FALL 1976-80

SELECTED CHARACTERISTICS	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	68	52	-	26	29	5	9	0	12	14
Men	-	-	-	10	10	-	-	-	8	5
Women	-	-	-	16	19	-	-	-	4	9
First Year	-	-	-	19	14	-	-	-	-	-
Beyond First Year	-	-	-	7	15	-	-	-	-	-
U.S. Citizens	-	-	-	20	25	-	-	0	-	-
Foreign	-	-	-	6	4	-	-	0	-	-
Engineering	0	0	-	0	0	0	0	0	0	0
Physical Sciences	6	7	-	1	1	1	1	0	1	0
Environmental Sciences	1	2	-	0	1	0	0	0	0	0
Math & Computer Sciences	6	7	-	1	3	1	0	0	0	0
Life Sciences	33	27	-	11	11	3	8	0	9	11
Psychology	22	9	-	13	13	0	0	0	2	3
Social Sciences	0	0	-	0	0	0	0	0	0	0

PART-TIME GRADUATE SCIENCE STUDENTS BY FIELD OF SCIENCE: FALL 1976-80

FIELD OF SCIENCE	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	132	103	-	59	40
Engineering	0	0	-	0	0
Physical Sciences	20	21	-	5	5
Environmental Sciences	8	7	-	7	8
Math. & Computer Sciences	21	17	-	12	6
Life Sciences	56	35	-	24	12
Psychology	27	23	-	11	9
Social Sciences	0	0	-	0	0

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.

POSTDOCTORATES, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT: FALL 1976-80

FIELD OF SCIENCE	TOTAL					FEDERALLY SUPPORTED				
	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
TOTAL	-	-	-	1	0	-	-	-	1	0
Engineering	-	-	-	0	0	-	-	-	0	0
Physical Sciences	-	-	-	1	0	-	-	-	1	0
Environmental Sciences	-	-	-	0	0	-	-	-	0	0
Math. & Computer Sciences	-	-	-	0	0	-	-	-	0	0
Life Sciences	-	-	-	0	0	-	-	-	0	0
Psychology	-	-	-	0	0	-	-	-	0	0
Social Sciences	-	-	-	0	0	-	-	-	0	0

FULL-TIME GRADUATE SCIENCE STUDENTS, BY TYPE AND SOURCE OF MAJOR SUPPORT: FALL 1976-80

TYPE AND SOURCE OF MAJOR SUPPORT	FALL 1976	FALL 1977	FALL 1978	FALL 1979	FALL 1980
FELLOWSHIPS & TRAINEESHIPS	-	-	-	6	8
Federal Support	-	-	-	1	1
Institutional Support	-	-	-	5	7
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
RESEARCH ASSISTANTSHIPS	-	-	-	8	11
Federal Support	-	-	-	8	10
Institutional Support	-	-	-	0	1
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
TEACHING ASSISTANTSHIPS	-	-	-	0	2
Federal Support	-	-	-	0	0
Institutional Support	-	-	-	0	2
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	0	0
OTHER TYPES OF SUPPORT	-	-	-	12	8
Federal Support	-	-	-	3	3
Institutional Support	-	-	-	1	0
Other Outside Support	-	-	-	0	0
Self-Support	-	-	-	8	5

SOURCE: NSF-NIH Survey of Graduate Science Students and Postdoctorates.



## SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	88I	112	91	-	91I	75	2I	9	18	-	20I	15
ENGINEERS	5I	2	0	-	0	1	1I	0	0	-	0	0
Aeronautical & Astronautical Engineers	1I	0	0	-	0	0	1I	0	0	-	0	0
Chemical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Civil Engineers	1I	0	0	-	0	0	0I	0	0	-	0	0
Electrical Engineers	1I	2	0	-	0	1	0I	0	0	-	0	0
Mechanical Engineers	1I	0	0	-	0	0	0I	0	0	-	0	0
Engineers, n.e.c.	1I	0	0	-	0	0	0I	0	0	-	0	0
PHYSICAL SCIENTISTS	13I	11	11	-	11I	8	0I	0	1	-	1I	2
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	8I	6	6	-	6I	4	0I	0	1	-	1I	1
Physicists	4I	4	5	-	5I	4	0I	0	0	-	0I	1
Physical Scientists, n.e.c.	1I	1	0	-	0	0	0I	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	5I	6	5	-	5I	3	0I	1	1	-	1I	0
Atmospheric Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Earth Scientists	4I	6	5	-	5I	0	0I	0	1	-	1I	0
Oceanographers	1I	0	0	-	0	0	0I	1	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	3	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	13I	28	22	-	22I	18	1I	0	6	-	6I	2
Mathematicians	12I	21	18	-	18I	15	1I	0	2	-	2I	0
Computer Scientists	1I	7	4	-	4I	3	0I	0	4	-	4I	2
LIFE SCIENTISTS	15I	32	30	-	30I	25	0I	3	5	-	6I	8
Agricultural Scientists	2I	19	17	-	17I	19	0I	1	4	-	5I	2
Biological Scientists	12I	13	13	-	13I	6	0I	2	1	-	1I	5
Medical Scientists	1I	0	0	-	0	0	0I	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	1
PSYCHOLOGISTS	13I	8	7	-	7I	7	0I	4	2	-	3I	0
SOCIAL SCIENTISTS	24I	25	16	-	16I	13	0I	1	3	-	3I	3
Economists	5I	10	2	-	2I	5	0I	0	1	-	1I	2
Political Scientists	6I	5	5	-	5I	3	0I	0	0	-	0I	1
Sociologists	7I	10	9	-	9I	5	0I	0	2	-	2I	0
Social Scientists, n.e.c.	6I	0	0	-	0	0	0I	1	0	-	0	0

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S	63I	65	50	-	50I	45	0I	1	5	-	6I	12
FIRST PROFESSIONAL	0I	0	1	-	1I	0	0I	0	0	-	0I	0
MASTER'S	22I	45	36	-	36I	29	1I	7	13	-	14I	3
BACHELOR'S (or equivalent)	3I	2	4	-	4I	1	1I	1	0	-	0I	0

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	91	71	-	71I	54	21	20	-	20I	21
Engineers	2	0	-	0	1	0	0	-	0	0
Physical Scientists	10	10	-	10I	8	1	1	-	1I	0
Environmental Scientists	5	4	-	4I	3	1	1	-	1I	0
Mathematical & Computer Scientists	21	14	-	14I	10	7	8	-	8I	8
Life Scientists	28	26	-	26I	21	4	4	-	4I	4
Psychologists	5	4	-	4I	3	3	3	-	3I	4
Social Scientists	20	13	-	13I	8	5	3	-	3I	5

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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*           INSTITUTIONAL PROFILE           *
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*           003766                         *
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*           VIRGINIA UNION UNIVERSITY       *
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* Private                                     Bachelor's-Granting *
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*           CARNEGIE COUNCIL CATEGORY: 3 2 *
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Data for this institutional profile are based on the following survey data systems:

NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions  
 NSF Survey of Scientists and Engineers Employed at Universities and Colleges

An alphabetic suffix may appear for certain individual data variables:

- An "E" suffix indicates that the data were estimated by NSF or by the respondent.
- An "I" suffix indicates that the data were imputed by NSF's computer system.
- A "C" suffix indicates confidential data that cannot be released outside NSF.
- A dash (-) indicates that the data were not available.

The abbreviation "n.e.c." used with fields of science stands for "not elsewhere classified" and is frequently used for interdisciplinary programs.

On tables presenting personnel or Federal obligations data, sharp fluctuations may reflect shifts in organizational structure. For example, 1978 data for Johns Hopkins University include funding and personnel at the Applied Physics Laboratory, formerly considered a federally funded research and development center; conversely, data for Massachusetts Institute of Technology for 1974 and subsequent years exclude the Charles Stark Draper Laboratories, now an independent nonprofit institution.

Prepared for:

National Science Foundation  
 Division of Science Resources Studies  
 Universities and Nonprofit Institutions Studies Group  
 Washington, D.C. 20550  
 (202) 634-4673

Prepared by:

Moshman Associates, Inc.  
 Education and Science Statistics Division  
 6400 Goldsboro Road  
 Bethesda, Maryland 20817  
 (301) 229-3010

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TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	1,269	2,729	1,942	1,430	2,227	4,180	591	1,666	68	111	1,487
Department of Agriculture	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	1,487	0	0	1,487
Environmental Protection Agency	0	0	0	0	0	0	0	68	68	0	0
Dept. of Health & Human Services	1,269	2,511	1,942	1,430	2,227	4,180	591	78	0	78	0
National Institutes of Health	44	37	48	51	17	0	0	0	0	0	0
ADAMHA	0	0	0	0	0	0	0	0	0	0	0
Office of Education	1,225	2,474	1,894	1,379	2,210	4,078	328	0	0	0	0
Other HHS	0	0	0	0	0	102	263	78	0	78	0
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	0	0	0	0	0	0	0	0	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	0	218	0	0	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	33	0	33	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	1,269	2,729	1,942	1,430	2,227	4,180	591	1,666
Research and Development	0	0	0	0	0	0	190	68
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	0	0
Fellowships & Training Grants	0	0	0	0	0	102	73	78
General Support for Science	44	255	48	51	17	0	0	0
Other Science	0	0	0	0	0	0	0	0
Non-Science	1,225	2,474	1,894	1,379	2,210	4,078	328	1,487

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	DOE		
TOTAL	-	-	-	-	-	-	190	68	68	0	0
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
Aeronautical	-	-	-	-	-	-	0	0	0	0	0
Astronautical	-	-	-	-	-	-	0	0	0	0	0
Chemical	-	-	-	-	-	-	0	0	0	0	0
Civil	-	-	-	-	-	-	0	0	0	0	0
Electrical	-	-	-	-	-	-	0	0	0	0	0
Mechanical	-	-	-	-	-	-	0	0	0	0	0
Metallurgy and Materials	-	-	-	-	-	-	0	0	0	0	0
Engineering, n.e.c.	-	-	-	-	-	-	0	0	0	0	0
PHYSICAL SCIENCES	-	-	-	-	-	-	-	-	-	-	-
Astronomy	-	-	-	-	-	-	0	0	0	0	0
Chemistry	-	-	-	-	-	-	0	0	0	0	0
Physics	-	-	-	-	-	-	0	0	0	0	0
Physical Sciences, n.e.c.	-	-	-	-	-	-	0	0	0	0	0
ENVIRONMENTAL SCIENCES	-	-	-	-	-	-	-	-	-	-	-
Atmospheric Sciences	-	-	-	-	-	-	0	0	0	0	0
Geological Sciences	-	-	-	-	-	-	0	0	0	0	0
Oceanography	-	-	-	-	-	-	0	0	0	0	0
Environmental Sciences, n.e.c.	-	-	-	-	-	-	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	-	-	-	-	-	-	-	-	-	-	-
LIFE SCIENCES	-	-	-	-	-	-	-	-	-	-	-
Biological Sciences	-	-	-	-	-	-	0	0	0	0	0
Medical Sciences	-	-	-	-	-	-	0	0	0	0	0
Life Sciences, n.e.c.	-	-	-	-	-	-	0	0	0	0	0
PSYCHOLOGY	-	-	-	-	-	-	-	-	-	-	-
SOCIAL SCIENCES	-	-	-	-	-	-	-	-	-	-	-
Economics	-	-	-	-	-	-	190	68	68	0	0
Political Science	-	-	-	-	-	-	0	0	0	0	0
Sociology	-	-	-	-	-	-	0	0	0	0	0
Social Sciences, n.e.c.	-	-	-	-	-	-	0	68	68	0	0
OTHER SCIENCES, n.e.c.	-	-	-	-	-	-	190	0	0	0	0
							0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	22I	23	22	-	22I	23I	0I	4	21	-	24I	26I
ENGINEERS	1I	0	0	-	0I	0I	0I	0	1	-	1I	2I
Aeronautical & Astronautical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Chemical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Civil Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Electrical Engineers	0I	0	0	-	0	0	0I	0	0	-	0	0
Mechanical Engineers	0I	0	0	-	0I	0I	0I	0	1	-	1I	2I
Engineers, n.e.c.	1I	0	0	-	0	0	0I	0	0	-	0	0
PHYSICAL SCIENTISTS	4I	5	3	-	3I	3I	0I	0	0	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0	0
Chemists	3I	3	2	-	2I	2I	0I	0	0	-	0I	0I
Physicists	1I	2	1	-	1I	1I	0I	0	0	-	0I	0I
Physical Scientists, n.e.c.	0I	0	0	-	0	0	0I	0	0	-	0	0
ENVIRONMENTAL SCIENTISTS	1I	0	0	-	0	0	0I	0	0	-	0	0
Atmospheric Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Earth Scientists	1I	0	0	-	0	0	0I	0	0	-	0	0
Oceanographers	0I	0	0	-	0	0	0I	0	0	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	3I	3	4	-	4I	4I	0I	4	6	-	6I	7I
Mathematicians	3I	3	4	-	4I	4I	0I	4	6	-	6I	7I
Computer Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
LIFE SCIENTISTS	4I	4	4	-	4I	4I	0I	0	3	-	4I	4I
Agricultural Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Biological Scientists	4I	4	4	-	4I	4I	0I	0	3	-	4I	4I
Medical Scientists	0I	0	0	-	0	0	0I	0	0	-	0	0
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	2I	3	3	-	3I	3I	0I	0	4	-	5I	5I
SOCIAL SCIENTISTS	7I	8	8	-	8I	9I	0I	0	7	-	8I	8I
Economists	2I	1	1	-	1I	1I	0I	0	1	-	1I	1I
Political Scientists	2I	2	0	-	0I	0I	0I	0	2	-	3I	3I
Sociologists	3I	2	2	-	2I	2I	0I	0	0	-	0I	0I
Social Scientists, n.e.c.	0I	3	5	-	5I	6I	0I	0	4	-	4I	4I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	15I	15E	12	-	12I	13I	0I	2	7	-	8I	8I
FIRST PROFESSIONAL .....	0I	0	0	-	0	0	0I	0	0	-	0	0
MASTER'S .....	6I	8E	10	-	10I	10I	0I	2	13	-	15I	17I
BACHELOR'S (or equivalent) .....	1I	0	0	-	0I	0I	0I	0	1E	-	1I	1I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	18	16	-	16I	16I	5	6	-	6I	7I
Engineers .....	0	0	-	0I	0I	0	0	-	0I	0I
Physical Scientists .....	5	3	-	3I	3I	0	0	-	0I	0I
Environmental Scientists .....	0	0	-	0	0	0	0	-	0	0
Mathematical & Computer Scientists ..	2	2	-	2I	2I	1	2	-	2I	2I
Life Scientists .....	3	3	-	3I	3I	1	1	-	1I	1I
Psychologists .....	3	3	-	3I	3I	0	0	-	0I	0I
Social Scientists .....	5	5	-	5I	5I	3	3	-	3I	4I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

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SEPARATELY BUDGETED R&D EXPENDITURES IN THE SCIENCES AND ENGINEERING,  
BY FIELD AND SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	166I	111I	339	-	619	693I	10I	7I	260	-	532	596I
ENGINEERING	1I	9I	0	-	0	0	0I	0I	0	-	0	0
Aero/Astronautical	-	-	-	-	-	0	-	-	-	-	-	0
Chemical	-	-	-	-	-	0	-	-	-	-	-	0
Civil	-	-	-	-	-	0	-	-	-	-	-	0
Electrical	-	-	-	-	-	0	-	-	-	-	-	0
Mechanical	-	-	-	-	-	0	-	-	-	-	-	0
Engineering, n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
PHYSICAL SCIENCES	9I	19I	0	-	0	0	1I	1I	0	-	0	0
Astronomy	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Chemistry	3I	12I	0	-	0	0	0I	0I	0	-	0	0
Physics	5I	7I	0	-	0	0	1I	1I	0	-	0	0
Physical Sci., n.e.c.	0I	0I	0	-	0	0	0I	0I	0	-	0	0
ENVIRONMENTAL SCIENCES	13I	10I	116	-	204	228	1I	0I	85	-	197	221I
Atmospheric Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Earth Sciences	-	-	-	-	-	0	-	-	-	-	-	0
Oceanographic Sci.	-	-	-	-	-	226I	-	-	-	-	-	221I
Env't'l Sci., n.e.c.	-	-	-	-	-	0	-	-	-	-	-	0
MATH. & COMPUTER SCI.	3I	4I	0	-	0	0	0I	1I	0	-	0	0
Mathematics	2I	1I	0	-	0	0	0I	1I	0	-	0	0
Computer Science	1I	3I	0	-	0	0	0I	0I	0	-	0	0
LIFE SCIENCES	49I	39I	184	-	383	429I	2I	2I	175	-	309	346I
Agricultural Sciences	15I	1I	184	-	381	427I	0I	1I	175	-	309	346I
Biological Sciences	29I	16I	0	-	2	2I	1I	1I	0	-	0	0I
Medical Sciences	4I	19I	0	-	0	0	1I	0I	0	-	0	0
Life Sci., n.e.c.	1I	3I	0	-	0	0	0I	0I	0	-	0	0
PSYCHOLOGY	61I	2I	0	-	0	0	2I	1I	0	-	0	0
SOCIAL SCIENCES	27I	27I	34	-	-	7I	4I	1I	0	-	0	0I
Economics	1I	0I	0	-	0	0	0I	0I	0	-	0	0
Political Science	3I	3I	0	-	0	0	1I	0I	0	-	0	0
Sociology	18I	20I	0	-	6	7I	3I	0I	0	-	0	0I
Social Sci., n.e.c.	5I	4I	34	-	0	0	0I	1I	0	-	0	0
OTHER SCIENCES, n.e.c.	3I	1I	5	-	26	29I	0I	1I	0	-	26	29I

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

SEPARATELY BUDGETED R&O EXPENDITURES IN THE SCIENCES AND ENGINEERING  
BY SOURCE OF FUNDS: FY 1975-80

(In thousands of dollars)

SOURCE OF FUNDS	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	166I	111I	339	-	619	693I
Federal Government	10I	7I	260	-	532	596I
State and Local Government	58I	20I	32	-	78	87I
Industry	27I	5I	0	-	0	0
Institutional Funds	42I	49I	44	-	9	10I
All Other Outside Sources	29I	30I	3	-	0	0

CAPITAL EXPENDITURES FOR FACILITIES AND RESEARCH EQUIPMENT BY FIELD: FY 1975-80

(In thousands of dollars)

FIELD OF SCIENCE	TOTAL						FEDERALLY FINANCED					
	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
TOTAL	5I	5I	14	-	46	46I	4I	2I	11	-	36	36I
Engineering	4I	1I	0	-	0	0	4I	1I	0	-	0	0
Physical Sciences	0I	1I	0	-	0	0	0I	1I	0	-	0	0
Environmental Sciences	0I	0I	4	-	9	9I	0I	0I	4	-	9	9I
Math. & Computer Sci.	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Life Sciences	0I	2I	10	-	36	36I	0I	0I	7	-	26	26I
Psychology	0I	0I	0	-	0	0	0I	0I	0	-	0	0
Social Sciences	0I	1I	0	-	0	0	0I	0I	0	-	0	0
Other Sciences, n.e.c.	1I	0I	0	-	1	1I	0I	0I	0	-	1	1I

SOURCE: NSF Survey of Scientific and Engineering Expenditures at Universities and Colleges.

TOTAL FEDERAL OBLIGATIONS BY AGENCY, FY 1973-80, AND MAJOR CATEGORIES OF SUPPORT FOR FY 1980  
(In thousands of dollars)

AGENCY	TOTAL OBLIGATIONS								1980 CATEGORIES OF SUPPORT		
	1973	1974	1975	1976	1977	1978	1979	1980	R&D	Othr Sci	Non-Sci
TOTAL	583	1,541	1,269	1,291	1,422	2,056	2,415	1,746	650	543	553
Department of Agriculture	80	434	480	522	603	1,009	1,107	842	574	268	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Department of Defense	0	0	0	0	0	0	0	0	0	0	0
Department of Education	0	0	0	0	0	0	0	0	0	0	0
Department of Energy	0	0	0	0	0	0	0	550	0	0	550
Environmental Protection Agency	0	0	0	0	0	0	0	0	0	0	0
Dept. of Health & Human Services	477	1,104	615	729	723	702	1,153	3	0	0	0
National Institutes of Health	60	125	0	79	0	0	0	0	0	0	3
ADAMHA	0	41	41	39	15	15	0	0	0	0	0
Office of Education	417	504	512	557	702	681	1,147	0	0	0	0
Other HHS	0	434	62	54	6	6	6	3	0	0	3
Dept. of Housing & Urban Dev	0	0	0	0	0	0	0	0	0	0	0
Department of the Interior	0	0	40	40	96	39	150	111	76	35	0
AID	0	0	0	0	0	0	0	0	0	0	0
Department of Labor	0	0	0	0	0	0	0	0	0	0	0
NASA	0	0	0	0	0	0	0	0	0	0	0
National Science Foundation	26	3	134	0	0	186	5	240	0	240	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Transportation	0	0	0	0	0	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS BY CATEGORY OF SUPPORT: FY 1973-80  
(In thousands of dollars)

CATEGORY OF SUPPORT	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	583	1,541	1,269	1,291	1,422	2,056	2,415	1,746
Research and Development	61	408	428	426	579	703	758	650
R&D Plant	0	0	0	0	0	0	0	0
Facilities for Instruction	0	0	0	0	0	0	5	0
Fellowships & Training Grants	0	41	0	0	0	0	0	0
General Support for Science	9	128	0	79	0	192	33	35
Other Science	80	116	226	141	120	459	466	508
Non-Science	433	848	615	545	723	702	1,153	553

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions

INSTITUTIONAL PROFILE: 008841 COLLEGE OF THE VIRGIN ISLANDS

FEDERAL R&D OBLIGATIONS BY FIELD OF SCIENCE, FY 1973-80, AND THREE LARGEST FY 1980 SOURCES FOR THIS INSTITUTION  
(In thousands of dollars)

FIELD OF SCIENCE	R&D OBLIGATIONS								LARGEST FY 1980 SOURCES		
	1973	1974	1975	1976	1977	1978	1979	1980	USDA	INT	
TOTAL	61	408	428	426	579	703	758	650	574	76	0
ENGINEERING	0	0	23	0	18	0	0	0	0	0	0
Aeronautical	0	0	0	0	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0	0
Civil	0	0	23	0	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0	0	0
Metallurgy and Materials	0	0	0	0	0	0	0	0	0	0	0
Engineering, n.e.c.	0	0	0	0	18	0	0	0	0	0	0
PHYSICAL SCIENCES	0	0	0	10	0	0	0	0	0	0	0
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	10	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	11	11	7	67	33	0	33	0
Atmospheric Sciences	0	0	0	0	0	0	0	0	0	0	0
Geological Sciences	0	0	0	11	11	7	67	33	0	33	0
Oceanography	0	0	0	0	0	0	0	0	0	0	0
Environmental Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
MATH. AND COMPUTER SCIENCES	0	0	21	0	0	0	0	0	0	0	0
LIFE SCIENCES	17	318	375	381	550	688	681	607	574	33	0
Biological Sciences	17	318	375	381	550	688	44	21	14	7	0
Medical Sciences	0	0	0	0	0	0	637	586	560	26	0
Life Sciences, n.e.c.	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0	0
SOCIAL SCIENCES	0	0	9	24	0	8	10	10	0	10	0
Economics	0	0	9	19	0	8	0	0	0	0	0
Political Science	0	0	0	0	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	10	10	0	10	0
Social Sciences, n.e.c.	0	0	0	5	0	0	0	0	0	0	0
OTHER SCIENCES, n.e.c.	44	90	0	0	0	0	0	0	0	0	0

SOURCE: NSF Survey of Federal Support to Universities, Colleges and Selected Nonprofit Institutions.

SCIENTISTS AND ENGINEERS, BY FIELD OF SCIENCE AND EMPLOYMENT STATUS: JANUARY 1976-81

FIELD OF SCIENCE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL	24	24I	24I	-	24I	25I	3	3I	3I	-	4I	4I
ENGINEERS	0	3I	3I	-	3I	3I	1	0I	0I	-	0I	0I
Aeronautical & Astronautical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Chemical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Civil Engineers	0	0I	0I	-	0	0	1	0I	0I	-	0	0
Electrical Engineers	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Mechanical Engineers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Engineers, n.e.c.	0	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
PHYSICAL SCIENTISTS	6	4I	4I	-	4I	4I	1	0I	0I	-	0I	0I
Astronomers	-	-	0	-	0	0	-	-	0	-	0I	0I
Chemists	6	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Physicists	0	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Physical Scientists, n.e.c.	0	0I	0I	-	0	0	1	0I	0I	-	0	0
ENVIRONMENTAL SCIENTISTS	0	0I	0I	-	0I	0I	0	1I	1I	-	1I	1I
Atmospheric Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Earth Scientists	0	0I	0I	-	0I	0I	0	1I	1I	-	1I	1I
Oceanographers	0	0I	0I	-	0	0	0	0I	0I	-	0	0
Environmental Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
MATHEMATICAL & COMPUTER SCIENTISTS	5	4I	4I	-	4I	4I	1	1I	1I	-	1I	1I
Mathematicians	5	3I	3I	-	3I	3I	1	1I	1I	-	1I	1I
Computer Scientists	0	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
LIFE SCIENTISTS	7	4I	4I	-	4I	4I	0	0I	0I	-	0I	0I
Agricultural Scientists	2	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Biological Scientists	5	3I	3I	-	3I	3I	0	0I	0I	-	0I	0I
Medical Scientists	0	0I	0I	-	0	0	0	0I	0I	-	0I	0I
Life Scientists, n.e.c.	-	-	0	-	0	0	-	-	0	-	0	0
PSYCHOLOGISTS	1	2I	2I	-	2I	3I	0	0I	0I	-	0I	0I
SOCIAL SCIENTISTS	5	7I	7I	-	7I	7I	0	1I	1I	-	2I	2I
Economists	1	1I	1I	-	1I	1I	0	0I	0I	-	0I	0I
Political Scientists	1	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Sociologists	1	2I	2I	-	2I	2I	0	0I	0I	-	0I	0I
Social Scientists, n.e.c.	2	2I	2I	-	2I	2I	0	1I	1I	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.

SCIENTISTS AND ENGINEERS, BY HIGHEST EARNED DEGREE AND EMPLOYMENT STATUS: JANUARY 1976-81

HIGHEST EARNED DEGREE	FULL TIME						PART TIME					
	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1976	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
DOCTOR'S .....	21	15I	15I	-	15I	15I	1	0I	0I	-	0I	0I
FIRST PROFESSIONAL .....	0	0I	0I	-	0	0	0	0I	0I	-	0	0
MASTER'S .....	3	8I	8I	-	8I	9I	1	2I	2I	-	3I	3I
BACHELOR'S (or equivalent) .....	0	1I	1I	-	1	1I	1	1I	1I	-	1I	1I

FULL-TIME SCIENTISTS AND ENGINEERS, BY FIELD AND SEX: JANUARY 1977-81

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FIELD OF SCIENCE	MEN					WOMEN				
	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1977	JAN 1978	JAN 1979	JAN 1980	JAN 1981
TOTAL .....	20I	20I	-	20I	21I	4I	4I	-	4I	4I
Engineers .....	3I	3I	-	3I	3I	0I	0I	-	0I	0I
Physical Scientists .....	4I	4I	-	4I	4I	0I	0I	-	0I	0I
Environmental Scientists .....	0I	0I	-	0I	0I	0I	0I	-	0I	0I
Mathematical & Computer Scientists ..	3I	3I	-	3I	3I	1I	1I	-	1I	1I
Life Scientists .....	3I	3I	-	3I	3I	1I	1I	-	1I	1I
Psychologists .....	2I	2I	-	2I	3I	0I	0I	-	0I	0I
Social Scientists .....	5I	5I	-	5I	5I	2I	2I	-	2I	2I

SOURCE: NSF Survey of Scientists and Engineers Employed at Universities and Colleges.