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ABSTRACT

This publication is a listing of minority student support programs for higher education including scholarships, fellowships, grants, summer programs and work experiences. Programs are organized into seven sections as follows: (1) volunteer programs (7 agencies listed); (2) pre-college programs (10 listings); (3) undergraduate programs (62 listings); (4) graduate programs (60 listings); (5) other categories: post doctoral, all levels of student supports services (11 listings); and (6) Maryland Based Foundations; (11 listings). The last section contains 19 references. Appendix A describes six Central Intelligence Agency programs; appendix B discusses and lists federal funds for the historically Black Colleges; and appendix C describes the America 2000 education strategy. (JB)

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Minority Student Support Programs
Scholarships, Fellowships and Services

by

Wanda E. Gill, Ed.D.

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PREFACE

Searching for minority student support programs, scholarships, fellowships and services can be a long and tedious process. There are voluntary, pre-college, undergraduate, graduate and post-graduate opportunities for assistance. This reference book is intended to ease the search process by alerting prospective program recipients of possible options for career exploration, grants, scholarships, summer programs and work experiences.

Many people have provided valuable assistance in developing the manuscript. Mrs. Audrey Boone Smith and Mr. Earl Hayes of the Office of the White House Initiative provided valuable data on the funds awarded to Historically Black Colleges and Universities by agency. Dr. Betty White of the National Aeronautics and Space Administration provided data on that agency's programs to motivate and encourage minority students interested in careers in mathematics, science and engineering. Art Payne of the Environmental Protection Agency (EPA) offered tireless assistance in locating information on his agency's programs and services. All of the agency liaisons for the White House Initiative on Historically Black Colleges and Universities were helpful.

I owe special thanks to my staff who worked evenings and weekends on this project. Mr. Daniel Booker assisted with telephone calls and technical assistance. Ms. Lawanda Williams typed the bulk of the manuscript. She was assisted by Ms. Lauren Boccabello.

Wanda E. Gill

I. VOLUNTEER PROGRAMS

ACTION

Action is the federal agency that resulted from the merger of the Peace Corps, VISTA, and other volunteer service programs. Action funds institutions through the Student Community Service program, to support volunteerism in college students. They are funded from June 1, - May 31 of each year. This year's applications were due on January 22, 1992. Their state program office at the Federal Building, 31 Hopkins Plaza, Room 1125, Baltimore, Maryland 21201-2814, will send materials to interested individuals.

ARCO

The Arco Foundation funds voluntary efforts and programs to ensure a pluralistic society. The foundation funds projects that emphasize volunteerism that makes nonprofit organizations work. They have funded volunteer engineering programs, the Children's Television Workshop, projects that promote interest in science and math and intercultural understanding programs. 67 educational organizations (including higher education) received 34% (\$1,949,010) of the funds in the Western Region. 47 educational organizations received 54% (\$1,191,800) of the funds in the Southwest Region.

The Close Up Foundation, 44 Canal Center Plaza, Alexandria, Va. 22314, is committed to supporting projects that demonstrate public policy outcomes to students, teachers and others. Close Up sponsored "A Forum on the Involvement of Youth in the System". They've sponsored student and teacher visits to Washington, D.C. for 5 different spring programs. They've awarded participation grants to economically disadvantaged youth. They give \$19,086,627 in program tuitions, \$3,458,000 through the Allen J. Ellender Fellowship Program. They've sponsored experientially based education. The Close Up Program for New Americans eases the transition of immigrants by providing language assistance, multicultural education and civics lessons. Students submit an application for an \$50 nonrefundable fee to the teacher. The program costs \$4,000 but scholarship aid is available to needy students.

CHINATOWN HEALTH CLINIC

Project Asian Health Education and Development of the Chinatown Health Clinic at 89 Baxter Street, New York, N.Y. 10013, offers high school seniors and undergraduates an opportunity to become aware of the health needs of the Asian American community through participation in workshops, seminars, field observations and the development of a community health project. There is no funding cycle or application deadline.

COMMISSION ON NATIONAL COMMUNITY SERVICE

The Commission on National Community Service at 529 14th Street, N.W., Suite 452, Washington, D.C. 20045, funds community service organizations and campuses to encourage students to volunteer. This year's deadline date was March 23, 1992. Their funding cycle depends on the program start date which can begin as early as May 1.

CONGRESSIONAL ARTS CAUCUS

The Association at House Annex #2, Room 345, U.S. House of Representatives, Washington, D.C. 20515, offers to interested graduate and undergraduate students in arts administration and related fields an opportunity to become more aware of the Congressional process through internships. Students are eligible to receive academic credit, however, stipends are not given. Internship duties include arts legislation, research, drafting correspondence and fact sheet preparation. There is no funding cycle or application deadline. Interested students seek the support of their Congressional representatives through letters, calls and meetings with aides.

CONGRESSIONAL FELLOWSHIPS ON WOMEN AND PUBLIC POLICY

The Congressional Fellowships On Women and Public Policy, c/o The Women's Research and Education Institute of the Congressional Caucus for Women's Issues; 1700 18th St, NW, Suite 400, Washington, DC 20009 is offering one year awards starting August 1, 1992. The women who either show an interest in working as a fellow with a Congressional Committee or a Member of Congress needed to apply by February 14, 1992 for full consideration.

II. PRE-COLLEGE PROGRAMS

CLOSE UP FOUNDATION

The Foundation at 44 Canal Street, Center Plaza, Alexandria VA 22314, offers scholarship assistance. 25,000 high school students attend the week-long workshop yearly who come to Washington, D.C. from various parts of the U.S. to learn about the workings of the Federal Government. The application has no deadline date. Scholarships are renewable annually, depending on the student's academic standing.

COCA COLA SCHOLARSHIPS

The Association at 3060 Peach Tree Road, Suite 100, Atlanta, GA 30305, awards scholarships to high school seniors who have demonstrated leadership and achievement in the amount of 50 four year college scholarships of \$20,000 each and 100 scholarships of \$4,000 each for use at any school. Applications are obtained from the high school counselor. The deadline for applications is October 31, 1992. Scholarships are renewable annually, depending on the student's academic standing.

GENERAL FOODS CORPORATION

A pre-college program, Operation Opportunity Program, offers high school students in New York summer employment at the company's corporate headquarters at 250 North Street, White Plains, N.Y. 10605. Every dollar a student earns is matched by General Foods funds for college tuition and books. Students apply directly to General Foods Corporation by March 1, each summer.

LABOR DEPARTMENT

The U.S. Labor Department, under the Job Training Partnership Act (JTPA) provides jobs to young people, aged 14-21, from low income families. They also provide limited educational program support services. Youth must apply directly to the Summer Youth Division of the Office of Job Training Programs, U.S. Department of Labor, Washington, D.C. 20210. For summer employment, applications are due by March 1, 1992.

MACY FOUNDATION

The Macy Foundation, at 44 E. 64th Street, New York, N.Y. 10021, operates a support services program to prepare high risk students for careers in biology and medicine.

NATIONAL ACHIEVEMENT SCHOLARSHIP PROGRAM

The National Achievement Scholarship Program is administered by the National Merit Scholarship Corporation, 1560 Sherman Avenue, Evanston, IL 60201. High school students who've taken the PSAT and requested an interest in scholarships, may be eligible for the National Achievement Scholarship, depending on their test scores.

SUMMER MATCH FOR MINORITY GIRLS PROGRAM

Mount Holyoke College in Massachusetts Sponsors the Summer Match for Minority Girls Program. The activities build self esteem and interest in careers in science through instructional methods that include "hands on" laboratory skills. Minority girls must be entering the 8th grade, have a "B" average, recommendations and an interest in science. The Mt. Holyoke Staff selects the 13 participants. Students receive room, board, travel, and money for incidental expenses. For more information, contact NASA Headquarters, Director, Affirmative Action and Evaluation Division, Office of Equal Opportunity Programs, Mail Code EI, Washington, D.C. 20546.

TALENT SEARCH PROGRAM

Talent Search Program encourages low income, high risk students to enter or re-enter post-secondary educational institutions. Funds are awarded to public and private colleges, universities and community or school organizations. The funding cycle is three years. The application deadline date has not been set.

U.S. DEPARTMENT OF EDUCATION

Upward Bound is an academic year and summer program for low income high school students. The program offers instruction and support services designed to motivate students to go to college. The Upward Bound Program is one of the original TRIO programs. The funding cycle is 3 years beginning in May-August, depending on the institution's application. The deadline for filing an application is but varies each year.

The Upward Bound Math Science Initiative is a separate program open only to existing Upward Bound projects. Funds are set aside to enhance the science and mathematics curriculum for Upward Bound eligible students. The funding cycle is 3 years beginning in May-August, depending on the institution's application. The deadline for filing an application varies each year.

Veterans Upward Bound Programs are funded separately to support military veterans. The competition is separate from the regular Upward Bound competition; e.g., applications are only compared against applications for the Veterans Upward Bound programs and funds are separate. The cycle is 3 years, depending on the dates set forth in the institution's application.

XAVIER UNIVERSITY ENGINEERING BRIDGE PROGRAM

Xavier University, with joint support from the National Aeronautics and Space Administration (NASA) sponsors the Xavier University Engineering Bridge Program. Students attend classes, labs, career information sessions, counseling and tutoring sessions during the summer. During the academic year, contacts with faculty that foster mentoring and tutoring occur. The deadline date was March 10. The program is specific to Louisiana. More information is available from NASA Headquarters, Director, Affirmative Action and Evaluation Divisions, Office of Equal Opportunity Programs, Mail Code EI, Washington, D.C. 20546.

III. UNDERGRADUATE PROGRAMS

AID ASSOCIATION FOR LUTHERANS

The Aid Association for Lutherans, 4321 North Ballard Road, Appleton, Wisconsin 54919, awards scholarships for minority students through Lutheran related colleges. Each college's date for filing is applicable. Scholarship aid is renewable depending on the student's academic standing. Their programs are described in AAL Scholarships.

ALCOA FOUNDATION

The Alcoa Foundation, Alcoa Building, Pittsburgh, PA 15219, provides funds to 31 colleges and universities through their Minority Engineering Program. Institutions may apply to the foundation for funds by Oct. - Nov. Alcoa will respond to written inquiries for application materials. The funding cycles is one - four years, depending on the description provided by the institution.

ALEXANDER GRAHAM BELL ASSOCIATION

Deaf or hard of hearing individuals may seek financial assistance from the Alexander Graham Bell Association, 3417 Volta Place, N.W., Washington, D.C. 20007. Application deadline dates vary depending on the year but are annual and generally due in April.

AMERICAN COUNCIL ON EDUCATION

The American Council on Education received a Ford Foundation grant for a program that encourages students from two year institutions to transfer to four year institutions. These funds established the National Transfer Center. This was funded until June of 1993. They are not offering any more money because grant is not renewable for ACE with Ford. They are publishing the results of the funding efforts. For more information, contact the American Council on Education, One Dupont Circle, N.W., Washington, D.C. 20036.

SCHOLARSHIP PROGRAM

The American Institute of Architects offers disadvantaged students, nominated by persons or organizations, scholarships for architectural studies. Applicants must have completed high school or be enrolled in a junior or technical school with records documenting a transfer to a professional program, or students enrolled in the freshman year of professional studies at the time of application. The deadline date for applications is December 1 of each year for consideration for a one year renewable (depending on academic standing) scholarship.

AMERICAN FOUNDATION FOR THE BLIND

The American Foundation for the Blind awards \$2,000 per year to a blind Chinese American student. Other awards, though limited, are also available. Awards are renewable annually, depending on student performance (gpa). For more information, contact the American Foundation for the Blind, 15 West 16th Street, New York, N.Y. 10011

AMERICAN UNIVERSITY

The University's Frederick Douglass Office offers the Frederick Douglass Scholarships to high school graduates of the District of Columbia. In addition, the University offers a Marriott Scholarship of \$20,000 to a Washington area minority student. Applications may be secured from the American University, Washington, D.C. 20016. The priority deadline is March 1, 1992, renewable awards are made annually.

ALASKA PROGRAMS FOR HIGH SCHOOL STUDENTS

Aboriginal Alaskans, preferably residing in Alaskan rural areas, who wish to become teachers, may apply for undergraduate scholarships through the Financial Aid Office of the University of Alaska, Fairbanks 99775. The University of Alaska awards the Highest Ranking Senior Scholarships and Resident High School Students Scholarships, as well. All scholarships are applicable only to the University of Alaska at Fairbanks. The application deadline date is April 1, 1992. Scholarships are renewable annually, depending on the student's academic standing.

AIR FORCE PROGRAM

Under the New G.I. Bill, federal funds match up to a \$100 contribution taken each month from pay for educational expenses for active duty military. Only active duty military are eligible for this assistance.

Nurses Training is another program that is available to those who need two years of training to complete the bachelor's degree. These individuals serve on active duty in return for the education received. More information is available from AFROTC/SDR, Maxwell AFB, Alabama 36112.

ROTC (Reserve Officer's Training Corp) pays students' tuition plus a living allowance in return for active duty service. More information on the Air Force ROTC programs can be obtained from Air Force ROTC, Office of Information, Maxwell AFB, Alabama 36112.

The Air Force Academy in Colorado Springs, Colorado 80840, provides selected cadets with a four year education and grants of approximately \$5,700 per year. Senators/Congressmen nominate individuals. High school grade point average, rank and standardized test scores (SAT or ACT) and physical fitness are considered for entrance. All accepted students are unmarried and between the ages of 17 and 22. Students may apply directly to the Academy. For full consideration, the deadline date is March 15.

AIR FORCE AID SOCIETY'S EDUCATIONAL FUND PROGRAM

The Air Force Aid Society's Educational Fund Program makes loans of up to \$2,600 to the children of Air Force active duty, reserves or Air National Guard children. Loans after the sophomore year can go up to \$4,000 per year. Loan applications are taken at any time. Loan amounts and time frames vary from 1 - 4 years.

AMOCO FOUNDATION

The Amoco Foundation, 200 East Randolph Drive, Chicago Illinois 60601-7125, supports over 1,000 organizations, including higher education institutions. They funded the University of Chicago School Mathematics Project, The Science Enrichment Program and many others. 49.5% (\$11,973,000) was granted for education projects (including higher education). They are currently giving over \$2 million over 6 years, to 7 historically black colleges to attract more students to science and engineering. They award scholarships, fellowships and equipment to higher education institutions. They also have matching grants programs. Requests should be written to include a description of the organization, list of board of directors, funding purpose with projected benefits, amount requested, evaluation plan, institutional budget including annual report, IRS letter. Write requests are addressed to AMOCO Foundation, Inc. 200 East Randolph Drive, Chicago, Illinois 60601.

AMERICAN INSTITUTE OF PHYSICS

Awards of \$2,000 per year are offered for research on the history of modern physics. Applications are due in June and December. Awards are made for one year, from June - May or from December through November, depending on the application due date for each college or university. More information can be obtained by writing the Institute at 335 E. 45th St. New York, N.Y. 10017.

ASSOCIATED UNIVERSITIES, INC.

The Association at 1717 Mass Avenue, N.W., Washington, D.C. 20036, awards seventeen scholarships in amounts up to \$1,700 per year. The application deadline is the second week in November. Awards are for a one year term, renewable annually.

ASSOCIATION FOR WOMEN IN ARCHITECTURE

The Association at 820 East Third Street, Los Angeles, CA 90013, awards \$200 to \$2,000 to second year architectural female students majoring in architecture or a related field. Awards are made on the basis of scholarship, devotion, financial need, and on quality and organization of material submitted. The deadline date varies annually. The term of the award is one year.

ATLANTIC RICHFIELD FOUNDATION

The Foundation at 515 South Flower Street, Los Angeles, CA 90071, awards grants to organizations and institutions that promote minority and women's programs in the fields of engineering, science, and management. Awards are in the amounts of less than \$1,000 to over \$2 million. There is no set funding cycle and no application deadline. Applications are accepted year round. The Annual Report includes an application and guidelines.

BALTIMORE SUNPAPER MINORITY JOURNALISM SCHOLARSHIP

The Baltimore Sunpaper Minority Journalism Scholarship's award is an award granted to high school graduates. Those students, who qualify, will receive around \$4,000.00 per year for college expenditures. The student must show a financial need, scholarship, and an interest in having a career in a journalism related field. Also, the student must work as a paid intern with the Baltimore Sun. The student should apply through their high school counselor's office or by writing a letter of application to the Sun by October 1.

CARNEGIE CONSORTIUM FELLOWSHIP COMMITTEE (CCFC)

The CCFC is offering fellowships for those interested in educational research dealing with Science Education. The two-year fellowship programs are intended, primarily, for minority educators and scientists. However, applications are also being accepted from those who do not necessarily fit those requirements. More information is available by writing the CCFC at Institute for Research on Learning, 2550 Hanover St., Palo Alto, CA 94304.

CENTER FOR THE STUDY OF HIGHER GRAD AND POSTSECONDARY EDUCATION

For those graduate students, who wish to do internships for careers in higher education, \$2000.00 (per term) are being awarded. All applications are due in February. Funds are available for a one year cycle. More information is available from the Center for the Study of Higher and Post Secondary Education, 2117 Education Building, University of Michigan, Ann Arbor, Michigan 48109.

CENTRAL INTELLIGENCE AGENCY (CIA)

The Central Intelligence Agency has several student support services and programs. The Cooperative Program allows students to work three semesters out of the four years of undergraduate study. Students are paid for work. They talk to a recruiter to be admitted to the program each year. The Undergraduate Scholars Program is for handicapped students or minority students. Tuition is paid for the four years of college. The Minority Undergraduate Studies Program allows students to work in the summer of for one year. Housing and pay is provided. For more information, call (703) 281-8365. Students must be U.S. Citizens have and maintain a 2.75 gpa and meet the employment standards of permanent employees. Students work a minimum 90 calendar days each summer. They receive benefits. Resumes and transcripts are needed to qualify. The CIA also has the Student Trainee Program which is a Cooperative Education Program. Students must maintain a minimum 2.75 gpa. They are then eligible for the employee assistance

program. The CIA Undergraduate Scholar Program is the areas of Computer Science, Cartographer, Engineer, Mathematician, Economist, Physicist, Linguist, Accountant. Eligible students are minorities or the handicapped with 900 SAT/21 ACT scores or higher who demonstrate financial need. Selected scholars get up to \$15,000 per year for tuition, fees, books and supplies, transportation costs and a yearly salary. The CIA student programs are charted as Appendix A.

CITIZEN'S SCHOLARSHIP FOUNDATION OF AMERICA INC.

The foundation at P.O. Box 297, St. Peter, MN. 56082 manages scholarships of various corporations, foundations, and associations such as Meredith Broadcasting Corp, Wisconsin Bell, Metropolitan Life and Waste Management Association to promote private sector support for students desiring to continue their educational pursuits. The foundation also offers resources, materials, and training for community volunteers to maintain "Dollars for Scholars", a local scholarship foundation. Applications vary by institution.

COLLEGE BOARD

The board at 45 Columbus Avenue, New York, NY 10027 maintains the National Hispanic Scholar Awards Program supported by the Andrew Millow Foundation. Awards are made in the amounts of \$1,500 to 500 students, \$100 honorable mention to another 500. The application is initiated by the students identifying themselves as Hispanic on the PSAT form in their junior year in high school.

COLLEGE FOUNDATION

The foundation at P.O. Box 12100, Raleigh, NC 37605, maintains the N.C. Insured Student Loan Program that offers guaranteed loans from banks to students. Application qualifications follow the Federal guidelines.

COLLEGE WORK STUDY PROGRAM

College Work Study Program funds are provided by the Department of Education to institutions of higher education to hire student workers. Work study funds are included in the students' total financial aid award. Academic year employment is capped at 20 hours per week but may go to 40 hours per week in the summer.

COLOR PURPLE EDUCATIONAL FOUNDATION

The foundation at 1831 Caribea Trail, Atlanta, GA 30316 awards scholarships to disadvantaged students at all levels in memorial to Alice Walker, author of The Color Purple. The application deadline date is March 1 with an annual renewable funding cycle of one year.

CONGRESSIONAL HISPANIC CAUCUS, INC.

The Congressional Hispanic Caucus, Inc; 504 C Street, NE., Washington, DC 20002 are offering fellowships to both Hispanic college and graduate students. The fellowships run for 9 months and a stipend of \$1,000.00 is offered, after. These appointments allow the student to work in the Washington political community. Leadership and public policy seminars are held to supplement the hands-on experience. There are also two month summer programs for high school and college students. They will be provided with housing and a stipend. The application deadline date is October 1 with a funding cycle of one year.

DOW JONES NEWSPAPER FUND

The Dow Jones Newspaper Fund administers two internship programs: The Dow Jones Newspaper Fund Minority Reporting Scholarship Competition for College Sophomores and the Dow Jones Newspaper Fund Editing Intern Program for College Juniors, Seniors and Graduate students. The former awards 15 \$1,000 scholarships to students interested in reporting careers in the summer between the sophomore and junior years, students will do a reporting internship. Program details are available in January. Applications are available between March 1, and August 15. The deadline for application is September 1. Scholarships are awarded in the fall following the internship. The Editing Intern Program makes 45 summer intern awards. Students attend a 2 week training program paid for by the Fund and participating newspapers. Students have the option of using the \$1,000 to repay existing student loans. Minority students only are eligible for this program. Applications are available from September 1 through November 1. The application deadline is November 15. Applicants must be U.S. citizens. For further information, write The Dow Jones Newspaper Fund, P.O. Box 300, Princeton, N.J. 08543-0300. All application deadlines are annual.

EDUCATIONAL OPPORTUNITY CENTERS

Educational Opportunity Centers are funded to assist high risk or disabled clients access post-secondary education. Support Services like tutoring, counseling, and financial aid application assistance are available. Motivational workshops that may be both school and community based; and other services are provided to students. The fund cycle is three years. The deadline date has not yet been established.

ENGINEERING ENRICHMENT PROGRAM

The School Of Engineering at Morgan State University offers an 8 week summer bridge program for students entering in the fall. The program is designed to provide a smooth transition from the high school to the college by focusing on the engineering curriculum. Students receive summer stipends and tuition assistance and employment at the Goddard Space Flight Center in their freshmen year. Most of the students are African American from the Baltimore-Washington area. The program deadline was March 15, 1992. For more information, contact the Morgan State University Schools of Engineering or the University Affairs Officer at Goddard.

FEDERAL JUNIOR FELLOWSHIP PROGRAM

NASA sponsors the Federal Junior Fellowship Program. The project is limited to 25 students. Students earn funds for college while learning about careers in science and technology. The University Affairs Officer, Goddard Space Flight Center, Greenbelt, Md. 20771 can provide students with more information.

FOLLOW THROUGH FUNDS

Follow Through Funds are administered by local schools and community agencies to assist former Head Start Students succeed in the primary grades. The local school systems have information on Follow Through Funds.

HARVARD UNIVERSITY HEALTH PROFESSIONS PROGRAM

College students with a minimum B average and two semesters of math and science, interested in becoming physicians or dentists may apply to the Harvard University Health Professions Program. Students attend an 8 week residential summer program. The application deadline date was March 1. For more information, write to the Program, c/o Harvard Summer School, 20 Garden Street, Cambridge, MA 02138.

JACKIE ROBINSON FOUNDATION

Scholarships, in varying amounts, are awarded to high school seniors with demonstrated leadership abilities, academic achievement and financial need, who've been accepted to an accredited four year college or university. Applications are available beginning November 1 from the Jackie Robinson Foundation Scholarship Program, 80-90 Eighth Ave., New York, New York 10011. Applications are due by March 30 of each year. Awards are for one year.

LINCOLN UNIVERSITY AEROSPACE ENGINEERING RECRUITMENT (LASER)

High school students entering Lincoln University attend a 10 week summer program in preparation for majors in engineering. NASA supplies tuition assistance and summer employment for the first two years of study. The deadline date was March 10. More information is available from the University Affairs Officer at any NASA Center.

MASS MEDIA SCIENCE AND ENGINEERING FELLOWS

The Mass Media Science and Engineering Fellows Program is administered by the American Association for the Advancement of Science (AAAS), 333 H Street, N.W., Washington, D.C. 20005. College students majoring in the natural or social sciences or engineering may apply for the ten week summer program at media print, broadcast sites around the country. The summer includes a 3 day Orientation and 2 day wrap up session in Washington, D.C. All travel expenses and \$350/week are paid.

McKNIGHT FOUNDATION

The Minnesota McKnight Foundation provides funds to 13 Minnesota private liberal arts colleges to increase their minority enrollments. Other institutions are not able to apply for these restricted funds.

The Metropolitan Life Insurance Company sponsors a 12 month summer internship program for HBCU students in the top quarter of their class completing their junior year. The program introduces students to insurance. More information is available by writing the company at 1 Madison Avenue, New York, N.Y. 10010.

MODEL SUMMER PROGRAM FOR HANDICAPPED COLLEGE STUDENTS

Gallaudet University sponsors the "Model Summer Program for Handicapped College Students" at the Goddard Space Flight Center in Greenbelt, Maryland. Seven-ten students receive FORTRAN instruction, field trips and lectures. Most students have 3.0 grade point averages in math or computer science majors. Students also go through site orientation. The project provides initial training for supervisors, mentors and co-workers of the deaf and disabled participants. The deadline date was February 1. The University Affairs Officer at Goddard has additional information.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

The National Aeronautics and Space Administration (NASA), 600 Independence Avenue, S.W., Washington, D.C. 20546, offers a wide variety of student support programs. The agency is currently conducting an inventory of all of its programs. They are now decentralized; hence, managers can only address the programs they manage.

NASA accepts unsolicited proposals at any time. They fund faculty, research, undergraduate and graduate scholarships, pre college programs at all levels, and, community outreach efforts, like Saturday academies.

NASA also funds the "National Consortium for Graduate Degrees for Minorities in Engineering (GEM)". GEM is designed to increase the number of underrepresented racial minorities in engineering. Students can return for summer employment with NASA through graduation. The contact person is Ms.

Edith Moore, University Affairs Officer, Moffett Field, CA 94035.

Currently, there is a call for proposals for Undergraduate Research with a due date of June 15, 1992. Undergraduate Research Studies may be funded from 1-2 years.

NATIONAL ASSOCIATION FOR THE ADVANCEMENT OF COLORED PEOPLE (N.A.A.C.P.)

The N.A.A.C.P. 4805 Mt. Hope Drive, Baltimore, Md. 21215, through the Special Contribution Fund, provides the Roy Wilkins Educational Scholarships for minority students. The awards, for undergraduate study, are made using leadership and scholarship as criteria. Applications are made directly to the National Association. April 30, 1992 is the deadline date for the one year, renewable (depending on grades) scholarships.

NATIONAL ASSOCIATION OF LETTER CARRIERS; (NALC)

There are two scholarship programs administered by the National Association of Letter Carriers (NALC), the William L. Doherty Scholarship Program and the Costa Lemonopoulous Scholarship. The William C. Doherty Scholarship makes 15 renewable awards of up to \$800 per year for undergraduate study to children of letter carriers who belong to the NALC.

The Costa Lemonopoulous Scholarship to any school in Florida, awards up to 20 scholarships, renewable for 2 years to children of active, retired or deceased letter carriers. The amount of the Costa Lemonopoulous Scholarship varies from year to year. Applications and supporting materials (SAT scores) for both scholarship programs are due December 31 of each year.

NATIONAL ASSOCIATION OF NEGRO BUSINESS AND PROFESSIONAL WOMEN'S CLUBS

The National Association of Negro Business and Professional Women's Clubs, 1306 New Hampshire Ave., N.W. Washington, D.C. 20009 awards 10 or more National Scholarships from \$300 depending on available funds. Students must be in good academic standing. Annual awards are renewable; applications are due March 31 of each year.

NATIONAL INSTITUTE OF HEALTH

The National Institute of Health, Office of Grant Inquiries, Division of Research Grants, Westwood Building, room 449 Bethesda, Maryland 20892 is inviting institutions to apply for the Academic Research Enhancement Award. The purpose of this funding is to stimulate research in institutions that offer baccalaureate training in health related sciences. The due date is June 19, 1992. The expected level of support is \$20,000 or more for one-four years from fiscal 1985-fiscal 1992.

NATIONAL SCIENCE FOUNDATION

The National Science Foundation, 1800 G St., N.W. Washington, D.C. 20550 funds institutions and faculty for research grants and for research at undergraduate research sites. Student support can be written into both types of grants. Research grants are funded for 2-3 year cycles. Applications are accepted on December 1 and June 1. Supplements for students may be added to research grants. The application deadline for "Research at Undergraduate Research Sites" is October 1 with 1-3 year renewable funding cycles (depending on the nature of the research). Both programs are administered by the Division of Integrative Biology and Neuro Science.

Research on Scientific Databases can include student support. Proposals are due July 1, 1992. Proposals are funded for from 1-3 years. The intent of the funding is support for interdisciplinary research efforts in scientific databases. A letter of intent, due May 15, 1992, should predate the application. For more information, contact the Division of Information, Robotics and Intelligence Systems.

Funding for instrumentation is available for special purchase equipment for research in science or engineering supported by the CISE Directorate. This equipment should be intended for use on more than one research project. The deadline for filing an application for NSF 91-52 is August 3, 1992. This is for equipment purchase only.

Teacher enhancement preparation programs award funds to school systems and colleges/universities with teacher preparation programs. The teacher enhancement program is described in brochure NSF 91-105. The Teacher Preparation program is described in brochure NSF 91-105. Due dates for the 1-3 year programs is August 1, 1992.

PAUL DOUGLAS TEACHER SCHOLARSHIP PROGRAM

Paul Douglas Teacher Scholarship Program is federally funded and awarded to states to encourage students to pursue careers as teachers.

PELL GRANT PROGRAM

Pell Grant Program awards from \$1,000-\$2,100 to students for undergraduate or vocational studies. Pell funds go directly to the economically disadvantaged student.

PERKINS DIRECT STUDENT LOANS

Perkins Direct Student Loans are federally insured low interest loans for undergraduate or graduate education. The campus financial aid offices have more information on the Perkins Direct Student Loans.

PLUS LOANS

Plus Loans are loans to parents to help finance four-year college study. Loans are guaranteed for up to \$15,000. There is no financial need test. Financial aid offices at the college and universities can supply parents with more information. The amount rather than the term determines cycle.

PROJECT PRESERVE

Project Preserve is funded by the National Aeronautics and Space Administration (NASA). The project is designed for high potential minority students who experience difficulty in engineering. Students with SAT scores of 1000 may participate if they are willing to attend Xavier University in New Orleans, or California State University in Northridge or City College of New York. Project Preserve Directors at participating universities have developed their own application deadline dates. NASA has no deadline dates. Awards are for one year, renewable up to 3 years. More information is available from the Minority University Research and Education Program Division (OMU) Office of Equal Opportunity Programs, Mail Code EU, Washington, D.C. 20546.

ROBERT BYRD HONORS SCHOLARSHIP PROGRAM

Robert Byrd Honors Scholarship Program consists of federal grants made to states who then award financial aid to exceptional students. The funding cycle is one year. Awards are renewable. Students may apply throughout their respective states.

SPACE LIFE SCIENCES TRAINING PROGRAM

The Kennedy Space Center is the site of the Space Life Sciences Training Program, a six week residential experience for students interested in becoming space scientists. Students participate in data analysis, report preparation phases of space flight experiments and NASA life sciences research. Students earn five credits through Florida A&M University. Bionetics Corporation designs and manages these educational experiences. Students work with NASA scientists, engineers, astronauts and principal investigators. The deadline date was February 1, 1992. Application forms are available from Florida A&M University, Program Director, Space Life Sciences Training Program, College of Pharmacy and Pharmaceutical Sciences, 106 Honor House, Tallahassee, Florida 32307.

STAFFORD LOANS

Stafford Loans are federally insured funds available to undergraduate or graduate students attending accredited institutions. Repayment begins 9-12 months after graduation for a term of 5-10 years. All interest is paid while the student is in school. Financial aid offices have more information.

STUDENT SUPPORT SERVICES

Student Support Services programs are federally funded campus based programs that provide support services to low income, first generation, learning and/or physically disabled students who've been admitted to the institution. The funding cycle is three years. The application deadline date is expected to be in December (it has not yet been finalized).

STUDENT VOLUNTEER PROGRAM

The Student Volunteer Program, administered by NASA, provides students with volunteer work experience. In order to qualify for this program, students must be enrolled in an accredited institution on a minimal part-time basis. The school and NASA jointly sign a written agreement. There is no application date and no cycle. For more information, contact the Center Personnel Officer at a NASA Field Center or Personnel Policy and Work Force Effectiveness Division, NASA Headquarters, Mail Code NHM, Washington, D.C. 20546.

SUPPLEMENTING EDUCATION OPPORTUNITY GRANTS PROGRAM

Supplementing Education Opportunity Grants Program enables institutions to provide from \$800-\$2,000 per year up to \$4,000 to students for up to 4 years of college. Students must have exceptional need to meet the program's eligibility requirements. Students apply for funds through the colleges and universities in which they are enrolled.

Bowie State University is funded by NASA to provide the Summer Institute in Computer Applications. The program increases students' competency in FORTRAN and research. Three weeks of the program time is for FORTRAN program instruction and seven weeks is a supervised work experience with seminars presented by Goddard scientists. The application deadline date was March 1, 1992. More information is available from Dr. Joan S. Langdon, Project Director, Department of Natural Sciences/ Mathematics/ Computer Science, Crawford Science Building 111j, Bowie State University, Bowie, Maryland 20715.

TRAINING PERSONNEL FOR THE EDUCATION OF THE HANDICAPPED

Funds are awarded, through a competitive competition to colleges, universities, and state and local education and nonprofit agencies for pre-service training of personnel working with the handicapped. The application deadline was February 3, 1992. The funding cycle is three years. More information can be secured from the Division of Personnel Preparation, Office of Special Education, U.S. Department of Education, Switzer Building, Room 4633, 330 C Street, S.W., Washington, D.C. 20202.

U.S. DEPARTMENT OF COMMERCE

The Minority on Line Information Service is free to Historically Black Colleges and Universities. It lists all HBCU capabilities and U.S. Department of Commerce Scholarships, research and employment opportunities. The system is available 24 hours per day, seven days per week. The system is operated by the Federal Information Exchange Corporation; their number is 301 975-0103. This system is a part of the White House Initiative on the Historically Black Colleges. Bowie State University is not yet in the system. Information was sent to Dr. Kathleen Walton, Assistant to the President. Ms. Agnes Brown is the institutional contact on the Minority on Line Information Service.

U.S. DEPARTMENT OF DEFENSE

Defense offers the Stay In School Program and the Summer Hire Program. The Stay In School Program is a work study model for financially disadvantaged students. Applicants need a letter from the college or university they're enrolled in, saying they're in good standing and a letter from the local unemployment office verifying financial need and unemployment status. Applicants submit an SF171 form and paid receipt for college tuition. The manager of the Stay In Program does not hire between May 12 and September 30 of each year. Applicants for the Summer Hire Program must apply before January 31 of each year. The application process for employment must be completed again each year. The contact person is Teddy Corbet at 703 695-6213.

U.S. DEPARTMENT OF EDUCATION

The U.S. Department of Education offers numerous student support programs. They have been abbreviated in paragraph form throughout the document. All of the TRIO programs, Patricia Roberts Harris Fellowship Program, Student Grant and Loan Programs and Training Personnel for the Disabled Program are administered by this federal agency.

U.S. DEPARTMENT OF ENERGY

Institutional grants through the U.S. Department of Energy can include student support through stipends, work-study or fellowships. Under the Minority Undergraduate Training for Engineers Program, 12 colleges and universities receive funds. This is not an open solicitation. The Department of Energy will soon decide whether the program will be expanded. If so, they will then decide on whether to have a specific direct solicitation (with due dates and funding cycles or a general solicitation without a due date and a specific funding cycle of 8-12 months). Another institutional grant program that includes student support funds is the Minority Honors Training and Industrial Assistance Program. This is designed for two year institutions. The Department of Energy provides financial assistance and infrastructure support for preapproved programs in energy. These programs must encourage students to transfer to 4 year institutions. 50% of the award is cost shared but can be in kind contributions.

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

The U.S. Department of Health and Human Services Administers several programs; two of which are the Human Services Transportation Issues Project and the Rural Economic Development project. The Human Services Transportation Issues volunteer intern will work on interdepartmental issues with the Departments of Transportation, Labor, Health and Human Services with the states and localities. The volunteer intern will be either an undergraduate or graduate student. There is no application date. Interested students may interview with Ms. Diane McSwain by calling (202) 245-6036.

WOMEN IN SCIENCE AND ENGINEERING (WISE) SCHOLARS PROGRAM

Spelman College offers entering students majoring in electrical or aeronautical engineering, physics or mathematics through the Dual Degree Engineering Program a ten week summer experience at NASA installations. The scholars receive 80%- 100% costs for tuition and fees, room and board, books and supplies and transportation expenses to the NASA installations. They also receive a summer stipend. The award amounts depend on the college entrance scores and gpa. Information can be secured from Spelman College or the University Affairs Officer at the NASA center.

IV. GRADUATE PROGRAMS

AIR FORCE OFFICE OF SCIENTIFIC RESEARCH

The Summer Faculty and Graduate Student Research Program offers appointments to one of 23 participating Air Force Laboratory centers. Summer research appointment information can be secured from the Air Force Office of Scientific Research, Summer Faculty and Graduate Student Research Program, c/o Universal Energy Systems, 4401 Dayton-Xenia Road, Dayton, Ohio 45432. The application deadline date was March 15, 1992.

AMERICAN ASSEMBLY OF COLLEGIATE SCHOOLS OF BUSINESS (AACBS)

The AACBS Doctoral Fellowship in Business Administration provides \$7,200 to an eligible student to complete the dissertation. The AACBS also offers a minimum of \$10,000 per year through the National Doctoral Fellowship in Business and Management to first year doctoral students who have committed to teaching business as a career. Fellowships are available through participating schools. The application deadline dates of those institutions apply. For more information, write to AACBS, 605 Old Ballas Road, St. Louis, Mo. 631411.

AMERICAN ASSOCIATION OF ADVERTISING AGENCIES

The American Association of Advertising Agencies, 666 Third Avenue, New York, N.Y. 10017, offers graduate students a 10 week summer program. Member advertising agencies across the country use students. The application deadline is at the end of January for students who apply directly.

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN (AAUW)

The AAUW awards from \$5,000 to \$7,000 toward the Master's degree for women. Up to \$10,000 per year is awarded to support women continuing research in engineering toward a dissertation.

The application deadline date was March 1, 1992, Scholarships are renewable annually.

THE AMERICAN BAR ASSOCIATION (ABA)

The ABA offers \$11,500 in doctoral dissertation awards if topics are related to law. The applications are due in March of each year. They are not renewable.

AMERICAN BUSINESS WOMEN'S ASSOCIATION

The American Business Women's Association, through its local chapters, provides scholarships, grants and interest free loans from \$1,200 - \$2,000 per year. This Association, located at 9100 Ward Parkway, P.O. Box 8728, Kansas City, MO 64114, administers the Stephen Bufton Memorial Education Fund. The applications are due by May 15 each year.

AMERICAN COLLEGE OF NURSES - MIDWIVES FOUNDATION

This Washington, D.C. based Foundation (1522 K Street, N.W., Washington, D.C.) provides scholarships to poor or financially needy women already enrolled in Master's level programs in mid-wifery. The deadline date for applications is March 1 of each year. The funding cycle is yearly.

AMERICAN COLLEGE SCHOLARSHIP PROGRAM

Graduate students with documented leadership activities and exemplary academic records may win scholarships worth from \$500 - \$2,000 a year. More information can be obtained by writing to the American College Scholarship Program, 419 Lenz Court, Lansing, Michigan 48917. Application deadline dates and funding cycles were not given.

AMERICAN COLLEGE TESTING PROGRAM

The American College Testing Program offers minority students an internship program for doctoral study in Education at the University of Iowa. In return, interns work part-time at ACT. Applicants must have a strong math/statistics background.

Applications are due February 1 for the one year not renewable funding cycle.

AFRICAN-AMERICAN INSTITUTE

The African-American Institute, 833 United Nations Plaza, New York, N.Y. 10017, is a private organization that acts to strengthen Africa-American understanding. The Institute works on development issues and on creating more understanding by being an information clearinghouse, informing Americans about Africa. Educational programs assist African students with graduate studies in the United States. Applicants apply for programs through their undergraduate institutions. There is no funding cycle of application deadline date.

AIR FORCE HEALTH PROGRAMS

The Air Force Health Recruiting Office at Andrews Air Force Base, Building 1413, Stop 44, Andrews AFB, Maryland 20331, offers graduate training in dental, medical or veterinary science to some students who enlist in the Air Force. Such students earn a salary and have all expenses paid while in school. In return, once they graduate, these dentists, doctors and vets must serve three months on active duty for each month of training. Interested persons enlist for services.

AMERICAN NURSES ASSOCIATION

The American Nurses Association, Inc. at 1030 15th Street, N.W., 9th Floor, Washington, D.C. 20036, offers an Ethnic/Racial Minority Fellowship Program. This program gives support to registered nurses in an effort to increase the number of doctoral -degreed minority nurses in mental health. The application deadline is January 15. Fellows can potentially receive \$7,500 a year (tuition or stipend), renewable annually with awards up to three years. Requirements for renewal are satisfactory academic performance and grant funding. Fellows are obligated to engage in payback services equal to periods of support. The guidelines are set forth by the Alcohol, Drug Abuse and Mental Health Administration.

AMERICAN POLITICAL SCIENCE ASSOCIATION

The American Political Science Association at 1527 New Hampshire Avenue, N.W., Washington, D.C. 20036, offers \$6,000 fellowships to Hispanic and Black American political science graduate students. The application deadline date is December 1.

In addition, the Association offers to persons with backgrounds in political science, journalism, or law a \$20,000 Congressional Fellowship Program, nine-month internship for a member of Congress or Congressional Committee. Applications are processed by October 1, 1992 for the program.

AMERICAN PSYCHOLOGICAL ASSOCIATION

The Association at 1200 17th Street, N.W. Washington, D.C. 20036, offers to minority psychology doctoral students three programs. The programs support training leading to career as research scientist, clinical psychologist, and counseling psychologist. Applicants must write for information on application procedures. Awards are for ten months, \$5,460 and often universities contribute tuition and other aid. The application deadline is January 1, 1992. Awards are renewable annually.

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

The Office of Naval Research and the Society at 11 Dupont Circle, Suite 200, Washington, D.C. 20036, offers graduate fellowships of \$14,750 to \$17,150 per year to promote study in ten scientific, mathematical, and engineering fields. The application deadline date was January 15, 1992. Awards are renewable annually.

AMERICAN UNIVERSITY

The University offers a National Broadcasting Company Fellowship to minority applicants planning graduate study in journalism. Tuition and a paid internship are covered by the award. The application deadline date is March 1, 1992. The award is renewable annually.

ASSOCIATION OF AMERICAN INDIAN AFFAIRS, INC.

The Association at 245 Fifth Avenue, New York, N.Y. 10016, offers to American Indian and Alaskan Native graduate students the Sequoyah Fellowship program. The award is \$1,500. In addition, grants of \$50 to \$300 to Indian and Alaskan Native ancestry persons for proficiency in their chosen health care professions are awarded for community work. Applicants may apply from July 1 - September 13 of each year for the annual awards.

AMERICAN NURSES' ASSOCIATION

The American Nurses' Association, Inc. at 1030 15th Street, NW, 9th Floor, Washington, D.C. 20036 offers a Ethnic/Racial Minority Fellowship Program. This program gives support to registered nurses in a effort to increase the number of doctoral-degreed minority nurses in mental health. The application deadline date is January 15; fellows can potentially receive \$7,500 a year (tuition and stipend). Renewable annually with awards up to three years. Requirements for renewal are satisfactory academic performance and grant funding. Fellows are obligated to engage in payback services, equal to the period of support. Guidelines are set by the Alcohol, Drug Abuse and Mental Health Administration.

AMERICAN POLITICAL SCIENCE ASSOCIATION

The American Political Science Association at 1527 New Hampshire Avenue, NW, Washington, D.C. 20036 offers \$6,000 fellowships to Hispanic and Black American Political Science graduate students. The application deadline date is Dec 1. In addition, the Association offers \$20,000 to persons with backgrounds in Political Science, Journalism, or Law a Congressional Fellowship Program; a nine-month internship with a member of Congress or Congressional Committee.

BUSINESS AND PROFESSIONAL WOMEN'S FOUNDATION

Avon has developed a scholarship fund for Black women ages 25 and older. The awards are issued on a first come first serve basis and can be used for books and tuition for graduate study, or for any other educational training. Scholarship amounts are \$500.00

CHICAGO ASSOCIATION OF BLACK JOURNALISTS SCHOLARSHIP

The Association at 802 York Woods Drive, Elkhart, IN 46516 awards scholarships in the amount of \$1,000 each to full/time minority students of junior, senior or graduate status who are majoring in print or broadcast journalism. The accredited college or university should be located in the Chicago Metropolitan area. The funding cycle is one year with an application deadline date of March 1.

CHINESE POPULAR CULTURE PROJECT

The Center for Chinese Studies, University of California at Berkeley at 223 Fulton Street, Berkeley, CA 94720 awards fellowship of \$20,000 to \$30,000 to postdoctoral students for research on Chinese culture focusing on aspects of visual arts before the mass communication age. Applications are available in February for the upcoming year. Awards cover a one year period. Students must be in residence at Berkeley.

CHRISTA McAULIFFE FELLOWSHIPS

Christa McAuliffe Fellowships are one year awards to outstanding teachers interested in pursuing their professional development. Over 100 awards, averaging \$25,000 were made last year. The fellowships are funded by the U.S. Department of Education.

COMMITTEE ON INSTITUTIONAL COOPERATIVE (CIC)

The Committee on Institutional Cooperative secured a grant from the Andrew W. Mellon Foundation to provide fellowships designed to increase the representation of minorities in selected humanities (American Studies), Art History; Classics and Classical Language; Comparative Literature; Germanic Languages and Literature; Theater and Drama; Music (Theory and Musicology only); Philosophy; Religious Studies; Romance Languages; Literature; Slavic Languages and Literature. Fellowships may include tuition plus an \$8,000 annual stipend for 2 academic years and be used at any of 11 CIC universities (University of Chicago, University of Illinois, Indiana University, University of Minnesota, Northwestern University, Ohio State University, Purdue University and the University of Wisconsin). Applicants must be U.S. citizens, accepted to one or more of the CIC cooperating institutions. One application is used for admission to 3 CIC cooperative institutions and the fellowship. For more information, write the Committee on Institutional Cooperation, Kirkwood Hall 111, Indiana University, Bloomington, Indiana 47405.

The association at Kirkwood Hall 111, Indiana University, Bloomington, IN 47405 awards four-year Graduate Fellowships to underrepresented minority groups seeking Ph.D degrees at the CIC universities majoring in social sciences and humanities. Awards are made in the amounts of \$9,000 for social sciences and \$4,500 for humanities. Renewed and continued progress toward a Ph.D degree is necessary for award continuation. The deadline date is January 5, 1992. Awards are renewable annually.

CONGRESSIONAL BLACK CAUCUS

The Congressional Black Caucus, 1004 Pennsylvania Avenue, SE Washington, DC is offering a limited number of fellowships through two sub-organization. The Senior Congressional Fellows (SCF) is providing fellowships to individuals with graduate degrees. Those SCF Fellows must serve either 9 or 12 months and university or college faculty may apply. Those who are in the process of completing a graduate degree may apply for 9 or 12 month appointments through Congressional Fellows (CF). The application deadline date is March 31, 1992, with a funding cycle of one year.

CONGRESSIONAL RESEARCH SERVICE EMPLOYMENT OFFICE

The Congressional Research Service Employment Office, 101 Independence Avenue, SE, Room LM 107, Washington, DC 20540 is offering paid summer internships to graduate students. Those students interested in policy analysis and legal research need apply. The deadline date for filing an application is June 1, 1992 for a summer internship. The funding cycle is based on donations.

COUNCIL ON LEGAL EDUCATION OPPORTUNITY (CLEO)

CLEO provides poor high risk students interested in law with a six week summer institute. There are 7 sites for institutes in different regions of the country. Summer programs assess student's potential for law school and legal practice. Experiences focus on research and legal writing skills. Students' travel and living costs and a small stipend are paid. The application deadline date this year was April 15. The program starts mid-June at the seven regional institute sites.

CORO FOUNDATION

The Coro Foundation, 95 Madison Avenue, New York, N.Y. 10016, conducts public affairs research. Twelve fellows with a bachelor's degree who, if accepted, pay a \$2,500 program fee, work in government, political campaigns, labor unions, community organizations and businesses for nine months. Living stipends of up to \$8,000 are available for needy students. No outside employment is permissible. Applications are due January with notices sent by April to selected students for the Sept.-June program.

DANFORTH FOUNDATION

Ten major universities have been provided funds to support minority students interested in careers in college teaching. Fellowships are available at Brown University, The University of Chicago, Columbia University, Howard University, Stanford University, University of Texas at Austin, UCLA, Vanderbilt University, University of Washington and Yale University. The graduate schools of education at these institutions can provide information on their application deadline dates. The funding cycle for the institutions is 4 years and renewable annually for the individual recipient in good standing. For more information, write the Danforth Foundation, 231 S. Bemiston, Ave., St. Louis, MO, 63105.

DIRKSEN CONGRESSIONAL CENTER

Grants of up to \$3,500 are awarded to individuals for research on Congress. Applications can be secured from the Dirksen Congressional Center, Broadway and 4th Street, Perkin, IL. 61554. Applications are due in March for the annual award.

DOW JONES NEWSPAPER FUND

The Dow Jones Newspaper Fund, P.O. Box 300, Princeton, New Jersey 08540, offers work study financial aid assistance to 50 college juniors and seniors. The Minority Editing Intern Program for seniors awards a \$1,500 scholarship and employment paying from \$300-\$350 per week. The application deadline date is September 1, 1992. Awards are not renewable. Checks are made out to the school and sent to the student.

THE EARL WARREN LEGAL TRAINING PROGRA, INC.

The Earl Warren Legal Training Program, Inc., makes awards to applicants who've been accepted to an accredited law school for scholarships, internships and retainers. Approximately 300 three-year scholarship awards (renewable only if in good academic standing) are made to Black law students. The financial aid office at the law school ultimately decides on the scholarship recipient. The application deadline date depends on the law school.

FOLLETT FELLOWSHIPS

Follett Fellowships are available from Columbia College, 600 South Michigan Avenue, Chicago, IL 60605. Graduate students in communications, arts and the public information media may receive up to \$1,500 per semester for a one year period. Awards are renewable. The application deadline is November 1, of each year.

FORD FOUNDATION

The Ford Foundation, 320 E. 43rd St., New York, NY 10017, funds organizations for special projects. A few individual grants are made for research, training and other activities. The Ford Foundation funds the Postdoctoral Fellowships for Minorities Program administered by the National Research Council of the National Academy of Sciences. \$25,000 stipends are available. Scholarship information can be secured from the National Academy of Services. Ford Foundation guidelines for proposals can be secured from them. There is no set program application deadline date or funding cycle.

GENERAL ELECTRIC FOUNDATION

The General Electric Foundation 3135 Caston Turnpike, Fairfield, CT. 06431, provides support for minorities pursuing Ph.D. programs in engineering, physical sciences. and business. Funds are given through the College Board and other groups but not to individuals. More information can be secured by writing General Electric.

HENRY LUCE FOUNDATION

Although funds from the Henry Luce Foundation go primarily to community groups, some funds are available for college graduate students studying Asian Studies. Amounts available range from \$1400-\$1700. Individuals must apply directly to the Henry Luce Foundation, 111 W. 50th Street, New York, N.Y. 10020. Funds are not renewable. There is no set application deadline date.

HERTZ FOUNDATION

The Hertz Foundation, Box 2230, Livermore, California 94550, funds U.S. Citizens with a B.A. degree and 4.0 gpa who sign an agreement to relinquish all other awards and make their skills available in defense of the U.S. in a national emergency, \$15,000 plus \$8,000 for tuition and fees for graduate study in the applied physical sciences. Fellowships are renewable. Applications are due November 1 of each year.

HOWARD HUGHES DOCTORAL FELLOWSHIPS

The National Research Council, 2101 Constitution Ave., N.W., Washington, D.C. 20418, administers the Howard Hughes Doctoral Fellowships for graduate students majoring in biochemistry, biostatistics, microbiology, pharmacology and related fields. Applications are due November 1 for the 12 month fellowship which totals \$13,000.

INDIAN EDUCATION ACT

Indian Education Act Funds are provided to local and state education systems, public school systems and Native American Community schools to carry out programs to meet the needs of Native American children. Funds are also available for national demonstration projects on new teaching methods for Indian students.

INDIAN FELLOWSHIPS

Indian Fellowships are available for Native American Students seeking professional or graduate degrees in medicine, law, forestry, engineering or related fields. Awards average \$8,000 per year. Stipends are also available.

INTERNATIONAL BUSINESS MACHINES CORPORATION (I.B.M.)

I.B.M. provides colleges and universities funds for students of up to \$12,000 per year for Master's or doctoral level study. Awards are made through the university graduate departments. Interested students may apply through the university. For a list of universities, write I.B.M. Divisional University Relations, Room 22-130 IBM Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, N.Y. 10598. IBM is not accepting new institutional applications for funds.

JOHNSON & JOHNSON "LEADERSHIP AWARDS FOR MINORITY STUDENTS"

The United Negro College Fund, 500 East 62nd Street, New York, New York 10021 administers the Johnson & Johnson "Leadership Awards for Minority Students". A 2 year fellowship; worth \$30,000 for students at a graduate school of management is awarded to exceptional minorities seeking careers in business management. Johnson & Johnson provides training positions for fellows before the first and second graduate years. Applications are due in January. Notifications are mailed in May.

KELLOGG NATIONAL FELLOWSHIP PROGRAMS

The Kellogg National Fellowship Program, administered through the W.K. Kellogg Foundation, 400 North Avenue, Battle Creek, Michigan 49017. Up to 50 people are selected for a 3 year leadership program of seminars that explore problems and issues that impact on American business. Awards are up to \$35,000 per participant. The application filing date is February 1.

KODAK COMPANY

The Financial Aid Committee of the Kodak Company, Rochester, New York 14650, has scholarship programs at 35 colleges and universities. From 100-150 freshmen get 4 year scholarships as long as they maintain a 3.0 or better grade point average in the same major at the same college. Applications are submitted through the colleges ' or universities' financial aid offices.

KOPPERS COMPANY, INC.

The Koppers Co., Inc. 436 Sovran Avenue, Pittsburgh, Pa. 15219, provides grants for students majoring in chemical, mechanical or electrical engineering. Awards are made to institutions who then select scholarship recipients. This is not an open competition. The funding cycle is four years.

KRAFT, INC. SCHOLARSHIPS AND INTERNSHIPS

The National Urban League's Education Department at 500 E. 62nd St., New York, N.Y. 10021 administers the Kraft Scholarships. Five \$10,000 awards are made to minority students for their final 2 years of study. Applicants must be interested in working for Kraft in the summer and rank in the top quarter of their college class. Applications are due in April. The funding cycle is annual and renewable for one additional year.

LENA LAKE FOREST FELLOWSHIP AND BPW FOUNDATION RESEARCH GRANTS

The Business and Professional Women's Foundation awards research grants for studies on working women. Some of the topics they've funded include comparable worth, flex time and segregated job categories. They award from 5-7 fellowships worth \$500-\$3,000 for doctoral level research. The deadline for applications is January 1 of each year for a one academic year award. Applications are available after September 1 of each year and may be secured from BPW at 2012 Massachusetts Avenue, N.W. Washington, D.C. 20036.

MIGRANT EDUCATION

Migrant Education funds are available to states for programs for children of migrant farm families at all levels. State education agencies have additional information on application and funding processes.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

NASA sponsors the Graduate Student Researches Program (section II) and the Underrepresented Minority Focus Component (section III). Under the Graduate Student Researches Program, 80 new awardees may receive renewable fellowships up to \$22,000 per year. The graduate department sponsors the student's application the awards are in the field of Earth Science, Life Science, Solar System Exploration, Astrophysics, Communications and Information Systems, and Microgravity Science. The Underrepresented Minority Focus Component (section 3) was introduced 1987. Students collaborated with university investigators and NASA technical offices. Awards are made from 1-3 years with renewal subject to NASA administrative approval. Unsolicited proposal are accepted at any time. Proposals include a cover sheet, abstract, description of research and/or Plan of Study, Schedule, Facilities and Resources (center applicant only) Personnel (faculty advisor), Budget Approval and Equipment List. No non-expendable equipment is permitted. Awards are made July 1. February 1 is the application deadline date.

NASA funds the summer Graduate Intern Program in Science and Engineering. Students hold a Bachelor's degree in science and engineering are recommended by a faculty member, are enrolled in graduate school and have a 3.0 grade point average. At the end of the summer, students describe their summer projects to center management. More information is available through the Goddard Space Flight Center, Attention: Dillard Menchan, Equal Opportunity Officer, Mail Stop 120.0, Greenbelt Road, Greenbelt, Md. 20771.

NATIONAL ENDOWMENT FOR THE HUMANITIES

The National Endowment for the Humanities, in response to Executive Order 12320, provides fellowship to Master's level teachers at HBCUs, enabling them to complete doctoral degrees in one of the humanities. The intent is to strengthen college/university teaching in the humanities. The application deadline was March 15 but fluctuates each year. The maximum award is \$27,500 for from 9-12 months of study. Applications can be secured from the Division of Fellowship and Seminars National Endowment for the Humanities, Room 316, 1100 Pennsylvania Avenue, N.W., Washington, D.C. 20506.

NATIONAL INSTITUTE OF GENERAL MEDICAL SERVICES (NIGMS)

NIGMS is offering Predoctoral Fellowships for Minority students for individual research. Up to five year of funding is available leading to the Ph.D. or M.D./Ph.D. students who are U.S. citizens, national or permanent residents from historically underrepresented groups (Blacks, Hispanics, Native Americans, Pacific Islanders) may apply. The due date was April 22, 1992. For more information, contact the National Institute of General Medical Services, Westwood Building, Room 907, Bethesda, Md. 20892.

NATIONAL SCIENCE FOUNDATION (NSF)

The National Science Foundation provides graduate fellowships and minority graduate fellowships. The 3 year graduate fellowships are awarded to graduate students with demonstrated ability for advanced studies in science or engineering leading to master's or doctoral degrees. Applicants must be U.S. citizens or nationals, beginning graduate studies. The application form, due mid-November, must be supplemented by student grade reports, transcripts, references and a proposed plan for graduate research. Supplemental materials are due mid-December. Awards are announced annually by mid-March. The same criteria with the exception of race, apply to the NSF Minority Graduate Fellowships. The races specified as underrepresented groups are American Indian, Black, Hispanic, Native Alaskan (Eskimo or Aleut) or Native Pacific Islander (Polynesian or Micronesian). More information can be secured from the Fellowship Office, National Research Council, 2101 Constitution Avenue, N.W., Washington, D.C. 20418.

NUCLEAR ENERGY TRAINING PROGRAM

Seven Historically Black Colleges and Universities participate in the Nuclear Energy Training Program, Oak Ridge Associated Universities, Science/Engineering Education Division, P.O. Box 117, Oak Ridge, Tennessee 37831-0117, The participating universities are Atlanta University (Physics), Lincoln University (Chemistry and Physics), Howard University (Multiple Programs), North Carolina A&T State University (Mechanical Engineering), South Carolina State College (Mechanical Engineering), Tennessee State University (Physics) and Virginia State University (Physics). The program makes awards to the institutions for up to 48 months. All tuition and fees are paid. Scholarships total \$1,000 annually and fellowships \$12,00 annually, An added benefit is research opportunities at selected Department of Energy research laboratories. This is not an open competition.

PATRICIA ROBERTS HARRIS FELLOWSHIP PROGRAM

The U.S. Department of Education (U.S.D.O.E.) Secretary allocates fellowships in graduate fields to institutions of higher education. Institutions, in making awards, must consider student financial need, as defined by the U.S.D.O.E. The program is designated to increase the number of minorities and women with graduate or professional study degrees. The maximum stipend award is \$10,000 for a 12 month period. Institutions receive \$6,000 for a 12 month period for each fellow in the program. All tuition and fees are waived by the institution for each fellow. The application deadline for institutions varies. It was November 15, 1991. The institutional funding cycle is three years. More information can be secured from the Office of Post Secondary Education U.S. Department of Education Room 3514, ROB-# 400 Maryland Ave., S.W. Washington, D.C. 20202

PROFESSIONAL NURSE TRAINEESHIP PROGRAM

The Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Division of Nursing, Rockville, Maryland 20857, administers the Professional Nurse Traineeship Program. Traineeships are awarded to licensed nurses through grants to public or nonprofit institutions with Master's and doctoral degree nursing programs. To prepare nurses for careers as teachers, researchers, or administrators. Stipends go up to \$6550 per year for a maximum of 36 months of study. Tuition is established by the institution. Applications can be secured from participating institutions.

SALLY BUTLER MEMORIAL FUND FOR LATINA RESEARCH

This award is made by the Business and Professional Women's Foundation, 2112 Massachusetts Avenue, N.W., Washington, D.C. 20036 for research by Latin Women from the Caribbean, North, South, and Central American regions for graduate studies. Two-three awards are made annually from between \$500-\$3,000 for up to 10 weeks. Applications are available after Sept 1 and must be postmarked by January 1.

SPENCER DISSERTATION YEAR FELLOWSHIP FOR RESEARCH RELATED TO EDUCATION

The Woodrow Wilson National Fellowship Foundation P.O. Box 410, Princeton, New Jersey 08542, administers the Spencer Dissertation Year Fellowships for Research Related to Education. Doctoral students in any academic discipline may apply for the \$12,500 for 12 months of full time dissertation and writing awards. 25 nonrenewable awards are made annually. The deadline date is February 1.

THE FUND FOR THEOLOGICAL EDUCATION

The Fund for Theological Education, Inc., 475 Riverside Drive, Suite 832, New York, New York 10115-0008 administers the Benjamin E. Mays Fellowship for the Ministry. There is no direct application. Candidates are Black citizens of the United States or Canada already attending a fully accredited seminary. For consideration, candidates must be nominated by a member of the clergy, faculty or administrator of the theological school or former Fellow. When the nomination is received, the Fund for Theological Education forwards an application to the nominee. The deadline date is November 10 for the annual renewable up to 2 year fellowship. Awards are announced mid-March.

The Fund for Theological Education also administers the Dissertation Year Fellowships for Doctoral Study of Religion for Black North Americans. Fellows are expected to complete the dissertation in the year of the award.

The nomination process is the same as the process for the Benjamin E. Mays Fellowship for Ministry. The deadline, however, differs. Nominations are due by February 20. Applications and supporting documents are due by March 15. Interviews are held in early April.

The Fund for Theological Education also administers the "Doctoral Fellowships for the Study of Religion for Hispanic Americans. The nomination and application process is the same as that for the other programs administered by the Fund. Nominations are due by February 20 each year. Applications and supporting documents are due by March 15. Interviews are held in April. Awards are announced by May 1.

TRAINING PERSONNEL FOR THE EDUCATION OF THE HANDICAPPED

Funds are allocated to colleges, universities, state and local education and nonprofit agencies to support the training of students and regular special education personnel to deal with the needs of the handicapped. Training designs may include teachers, supervisors, administrators, researchers, teacher educators, speech pathologists, paraprofessionals, volunteers and parents. In the pre-service training program, master's and doctoral level students may receive stipends and/or tuition. The funding cycle is three years and the application deadline date is February 1. For more information, write The Division of Personnel Preparation, Office of Special Education, U.S. Department of Education, Switzer Building, Room 4633, 330 C St., S.W. Washington, D.C. 20202.

VOCATIONAL EDUCATION

Vocational Education funds go to states to support occupational training for high school students and graduates. Monies are available for cooperative work study programs for disadvantaged and handicapped students. Awards are made annually for the one year cycle through the states.

V. OTHER CATEGORIES (POST DOCTORAL, ALL LEVELS OF STUDENT SUPPORT SERVICES, ETC.)

AMERICAN FOUNDATION FOR AIDS

The American Foundation for Aids Research, Red, Hot and Blue Community Grants Program, 733 Third Avenue, 12th Floor, New York, New York 10017-3204, funds projects to study aids. Higher education associations may apply with community agencies for funding. The proposal consists of a cover page, abstract, statement of need, project description, project time line and new implementation plan and budget. Proposals are due June 10, 1992. Award notices are mailed August 10, 1992. The funding cycle is one year October 1, 1992- September 30, 1993.

AMOCO FOUNDATION

The Foundation at 200 East Randolph Drive, Chicago, Il 60601, offers scholarships to minority students working in geology and geophysics. The award is \$700 per year. In addition, the Foundation offers a Hispanic Dealer Scholarship program with awards of \$1,000 to Hispanic high school seniors from a \$25,000 grant from Amoco. Amoco provides up to \$2,000 for undergraduate study, \$6000 for Master's and Doctoral level studies. There is no deadline date by which colleges or universities must apply. Scholarship awards go directly to the 65 participating institutions.

BILINGUAL EDUCATION

Bilingual Education funds are provided primarily to local school districts responsible for implementing projects at the elementary and secondary levels for students with limited English speaking ability. Funding cycles range from one-three years, depending on the program. Application deadline dates are varied.

CHICAGO ASSOCIATION OF BLACK JOURNALISTS SCHOLARSHIPS

The Association at 802 York Woods Drive, Elkhart, IN 46516, awards scholarships in the amount of \$1,000 each to full time minority students of junior, senior or graduate status who are majoring in print or broadcast journalism. The accredited college or university should be located in the Chicago metropolitan area, for application deadlines. Scholarships to Chicago area schools are renewable, depending on grades and academic standing and status.

FULBRIGHT SCHOLAR AWARDS

June 15, 1992 is the deadline for projects in Australia and South Africa; August is for Africa, Asia, Europe, Latin America, the Middle East and Canada. College and university faculty, scientists, business persons and others with terminal degrees may apply through the Council for the International Exchange of Scholars, 3007 Tilden Street, N.W., Suite 5M, Box News, Washington, D.C. 20008. The award is for one year.

HEALTH AND HUMAN SERVICES (HHS)

Undergraduate programs administered by the U.S. Department of Health and Human Services include the College Intern Program, Excellence in Minority Health Education and Care, Financial Assistance for Disadvantaged Health Professions Students, Health Profession Student Loans, Nursing Student Loans and Health Education Assistance Loans. The College Intern Program gives students in several HHS regions a three month work experience related to their major. Universities receive grants through the Excellence in Minority Health Education and Care funds programs. The funding cycle is with an application deadline date of December 15. Up to \$10,000 per year is available to assist disadvantaged students in colleges of medicine, dentistry or osteopathy through the Financial Assistance for Disadvantaged Health Professions Students Program. From \$200-\$3,000 is available for students pursuing health careers through the Health Professional Students Loan

Program. Nursing schools may seek funds through the Nursing Students Loan Program. Loans range from \$500-\$2,500. Health Education Assistance Loans are secured bank loans to students of medicine, dentistry, osteopathy and podiatry. (Graduate Programs)

INTERFAITH HUNGER APPEAL (IHA)

The Interfaith Hunger Appeal, Office of Education, Riverside Drive, New York, NY 10115, Suite 635, funds projects that develop or enhance curriculum while providing some student support in the field of development education global studies. The IHA Matching Funds Grants program awards six to eight grants of \$1,500 to \$3,000 for projects designed to facilitate curriculum development and global education at U.S. colleges and universities. They've funded projects for institutes, special awareness programs and create teaching materials. The proposals were submitted by April 15, 1992.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

NASA funds the following student support programs:

Cooperative Education Programs

Graduate/Undergraduate Internships

Federal Junior Fellowships Program

Graduate Student Researchers Program

Undergraduate Student Researchers Program

Project Preserve

Workstudy/Hiring Programs

Advanced Design Program

For the Cooperative Education Program (Co-op), high school, college and graduate students must maintain a 2.0 average and be recommended by the school. The school usually initiates the Coop school-work experience. Students are paid in the GS2-7 range for federal workers. Schools can contact the Center Personnel Officer at a NASA Field Center or Personnel Policy and Work Force Effectiveness Division, NASA Headquarters, Mail Code NHM, Washington, D.C. 20546. There are many internship programs. An example

is the "Langley Researchers Summer Scholars Program (LARSS)". For information, contact the Langley Research Center, Attention: Dr. Samuel Massenberg, University Affairs Officer, Mail Stop 105-A, Hampton, Virginia 23665.

Other programs are the "NASA Cooperative Aerospace R&D Internship/Fellowship Program", the "Lewis Engineering Recruitment Initiative (LEMRI)", The "Minority Engineering Industrial Opportunity Program (MEIOP)", the National Physical Science Consortium for Graduate Degrees for Minorities and Women (NPSC)". For information on any of these programs, contact Lewis Research Center, Attention: Frank Montegani, University Affairs Officer, 21000 Brookpark Road, Cleveland, Ohio 44135.

NATIONAL ENDOWMENT FOR THE HUMANITIES

The National Endowment for the Humanities has many programs including the Initiative for Historically Black Colleges, challenge grants and funds to support improved teaching and research in the humanities. Challenge grants may be funded from 1-2 years. Funds supporting teaching and research available for graduate students and faculty are, generally, available for shorter periods of time. The deadline for challenge grants is September 30, 1992.

NATIONAL INSTITUTE OF HEALTH

The National Institute of Health administers the National Research Service awards through institutional training grants and individual post doctoral fellowships. Institutional training grants are awarded to domestic, nonprofit, private or public institutions to develop or enhance predoctoral and post doctoral research training opportunities for persons interested in behavioral or biomedical research. Further information can be secured from the Grants Inquiry Office, Division of Research Grants, National Institute of Health, Bethesda, Maryland 20205.

RESEARCH SUPPLEMENTS FOR UNDERREPRESENTED MINORITIES

The National Institutes of Health and the Alcohol, Drug Abuse and Mental Health Administration, Institutional Affairs Office, Bldg. 31, Room 5B-31, National Institutes of Health, 900 Rockville Pike, Bethesda, Md. 20892 is accepting applications for research supplements in support of minority high school students, undergraduates, graduate research assistants, post doctoral trainees and investigators on NIH and ADAMHA grants. There is no closing date or cycle for grants. Supplements for minority student support to grants may be requested at anytime.

VI. MARYLAND BASED FOUNDATIONS

BAKER- KING FUND. INC.

The Baker-King Fund, Inc. 115 Hawthorn Rd., Baltimore, Md. 21210 is an independent foundation that provides scholarship and general purpose funds in the Baltimore area. As an example of the type of support provided, the Bryn Mawr School received \$4,000 for the Charlotte Baker King Scholarships. Applications are available from Mrs. Rexford Lee Wheeler, III, Asst. Sec-Treasurer. There is no set funding cycle or application deadline.

THOMAS W. BRADLEY FOUNDATION. INC.

The Thomas W. Bradley Foundation, Inc. at Ten Light St. 30th Fl., Baltimore 21202 makes grants to Maryland organizations, including programs for special children at higher education institutions. They appear to provide monies for the disabled. They've given to the League for the Handicapped, Special Olympics, Maryland Trust for Retarded Children. The initial proposal is submitted to Mr. Robert L. Peison, Trustee at their address. There is no deadline or funding cycle.

CROWN BOOKS FOUNDATION, INC.

Crown Books Foundation, Inc., 3300 75th Ave., Landover, Md. 20785, contributes to higher education, arts, health associations to general charities for general purposes in Washington D.C. There are no deadlines or cycles. The initial approach is a letter to Richard J. Koll.

ELISABERG FAMILY FOUNDATION, INC.

This independent foundation funds for general purposes and endowment to organizations in Baltimore, Md., primarily. The initial approach is a letter to Richard A. Eliasberg. President. There is no deadline and no funding cycle. For more information write c/o Premia Management Co., 1226 Munsey Bldg., Baltimore, Md. 21202.

FARMERS NATIONAL BANCORP PRIVATE FOUNDATION

Farmers National Bancorp Private Foundation, Farmers National Bank of Maryland, five Church Circle, P.O. Box 271, Annapolis, Md. 21404 is interested in funding higher education, hospitals, community funds and cultural programs for general purposes. Giving is limited to Central and Southern Anne Arundel County, MD and the Eastern Shore of Maryland. The initial approach is letter with no deadline dates and no set funding cycle. For more information write Joan Williams, Assistant Vice President.

VICTOR FRENKIL FOUNDATION

This independent foundation, 711 South Central Ave., Baltimore, Md. 21202 gives to higher education, primarily in Baltimore. They gave \$4,680 to Morgan State University's Choir two years ago. For more information, write 711 South Central Ave., Baltimore, Md. 21202. There is no set deadline date or funding cycle.

HARRY AND LEA GODESKY FOUNDATION

This independent foundation, 11900 Tech Rd., Silver Spring, Md. 20904-1995, is interested in higher education and Jewish giving in Maryland. There is no set deadline or funding cycle. The initial approach is by letter to Erwin Gudelsky, Pres.

LOUIS M. AND SALLY B. KAPLAN FOUNDATION

The Kaplan Foundation, c/o Louis M. Kaplan, 6909 Radnor Rd., Bethesda, Md. 20817 funds Jewish giving and higher education in Virginia, Maryland, New York, and Washington, D.C. There is no set funding cycle or deadline date.

THE ALLENE AND JEROME LAPIDES FOUNDATION, INC.

This independent foundation funds higher education and wildlife in Baltimore, Annapolis in Washington. There is no deadline or set cycle. For more information write to the foundation, P.O. Box 6639, 1908 West St., Annapolis, Md. 21404.

THE THOMAS ALLEN MANFUSO FOUNDATION, INC.

This independent foundation provides scholarship funds. A one page proposal is submitted to John A. Manfuso, Jr., President. There is no deadline date or funding cycle. For more information, write 8401 Connecticut Avenue, Suite 1010, Chevy Chase 20815-5898.

LOUIS P. LEVITT MEMORIAL TRUST

This small independent foundation is interested in higher education. The trust gave \$56,049 to American University in Washington, D.C. There is no application process and no set funding cycle. The single award was for a one year period. For more information, write 8720 Georgia Ave., Suite 910, Silver Spring, Md. 20910-3602.

VII. REFERENCES

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Opportunity for Involvement with the National Aeronautics and Space Administration for Minority Institutions, Office of Equal Opportunity Programs NASA Headquarters.

1992 Institutes for College and University Faculty, National Endowment for Humanities.

1992 Summer Seminars for College Teachers, National Endowment for Humanities.

1993-94 NEH Fellowship, University Teachers, College Teachers and Independent Scholars, Guidelines and Application Forms.

APPENDIX A

CIA Student Programs

(Must be over age 17½ at time of application)

| Academic Requirements | Other Requirements | Salary Range | Tuition Assistance | Application Deadline |
|---|--|---|--------------------|---|
| Undergraduate Scholar Program | | | | |
| Minimum high school GPA of 2.75/4.0; maintain minimum college GPA of 2.75/4.0 Full-time student enrolled in 4- or 5-year college program | Attend 2- to 3-day processing in Washington, DC during Spring at government expense Financial need for tuition assistance Minimum employment commitment of period 1½ times length of college | GS-2 to GS-5 during college; minimum GS-7 after graduation Housing assistance Round-trip transportation to D.C. | Eligible | No later than end of first semester senior year high school or first semester freshman in college if you did not meet age requirement at application deadline |
| Undergraduate Student Trainee Program | | | | |
| Minimum GPA of 2.75/4.0 Full-time student enrolled in 4- or 5-year college program | Attend 2- to 3-day processing in Washington, DC at government expense Work full-time on alternating semester or quarter basis for minimum of 3 or 4 periods before graduation | GS-4 to GS-7 Housing assistance Round-trip transportation to D.C. | Eligible | 6 months prior to availability |
| Minority Undergraduate Studies Program | | | | |
| Minimum GPA of 2.75/4.0 Completed one or two years of college-level academic study | Attend 2- to 3-day processing in Washington, DC during Fall at government expense Minimum 90 days on job each summer worked | GS-4 to GS-7 Housing assistance Round-trip transportation to D.C. | Eligible | Mid-September |
| Career Trainee Internship Program | | | | |
| Minimum GPA of 3.0/4.0 Full-time student enrolled in Junior year of college or first year of graduate school | Attend 2- to 3-day processing in Washington, DC during Spring at government expense Minimum employment commitment of 18 months after graduation | GS-4 Housing assistance Round-trip transportation to D.C. | Eligible | Late October |
| Graduate Studies Program | | | | |
| Committed to attending graduate school Fall following the summer of internship | Attend 2- to 3-day processing in Washington, DC during Spring at government expense | GS-7 to GS-10 Housing assistance Round-trip transportation to D.C. | Eligible | Late September |
| Summer Fellowship Program | | | | |
| Faculty member or administrator of HBCU | Attend 2- to 3-day processing in Washington, D.C. during Spring at government expense | GS-13 Round-trip transportation to D.C. | N/A | Early November |



... where your career is America's strength.

APPENDIX B

FEDERAL FUNDS FOR HISTORICALLY BLACK COLLEGES AND UNIVERSITIES

By Executive Order 12677, President George Bush ordered federal agencies to identify funds for Historically Black Colleges and Universities (HBCU's). Generally speaking, awards of interest to colleges and universities are given in the areas of: research and development; evaluation; training; facilities and equipment; fellowships; and student tuition. Table 1 charts the agency by projected awards to HBCU'S as of 1990.

Table 1

| <u>Agency</u> | <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> | <u>6</u> |
|--|----------|----------|----------|----------|----------|----------|
| Agency for International Development (AID) | x | | | | | x |
| U.S. Department of Agriculture | x | x | x | x | x | x |
| Appalachian Regional Commission (ARC) | | | | | x | |
| Central Intelligence Agency (CIA) | x | | | x | | |
| U.S. Department of Commerce | x | x | x | x | x | x |
| U.S. Department of Defense | x | x | x | x | x | x |
| U.S. Department of Education | x | x | x | x | x | x |
| U.S. Information Agency | | | | | x | |
| U.S. Energy | x | | x | x | x | x |
| U.S. Environmental Protection Agency (EPA) | x | x | x | x | x | x |
| Equal Employment Opportunity Commission | | | | | | |
| U.S. Department of Health & Human Services (HHS) | x | x | x | x | x | x |
| U.S. Department of Housing & Urban Development (HUD) | | | x | | | x |
| U.S. Department of the Interior | x | x | x | x | x | |
| U.S. Department of Labor | | | x | | x | |
| U.S. Department of Justice | x | x | x | x | x | x |
| National Aeronautics & Space Administration (NASA) | x | | x | x | x | x |
| National Endowment for the Arts (NEA) | x | | | | | |
| National Endowment for the Humanities (NEH) | x | x | | x | x | |
| National Credit Union | | | | | | x |
| National Science Foundation (NSF) | x | | x | x | x | |
| U.S. Nuclear Regulatory Commission (NRC) | x | | | | x | x |
| U.S. Department of State | | | | | | x |
| U.S. Small Business Administration | | | x | | x | |
| U.S. Department of Transportation | x | | x | | x | |
| U.S. Department of the Treasury | | | x | | x | x |
| Department of Veterans' Affairs | | | x | | x | x |

Code

- 1 = Research and Development
- 2 = Evaluation
- 3 = Training
- 4 = Facilities & Equipment
- 5 = Fellowships
- 6 = Student Tuition

(Source: Office Of White House Initiative on Historically Black Colleges and Universities).

The Title III Strengthening HBCUs Program awarded grants to HBCUs to assist these institutions in establishing and strengthening their physical plants, academic resources, and student services. Ninety-eight grants were made to Black undergraduate institutions, and five grants were made to HBCU graduate and professional schools, totalling \$67 million.

Howard University was awarded \$179 million as a direct appropriation for academic programs, endowments, research, and Howard University Hospital. Approximately 65 percent of Howard's educational and general expenses are met by this direct Federal appropriation.

DEPARTMENT OF ENERGY

Total Discretionary Awards: \$8.6 Million

The largest Department of Energy awards were made by the Energy Research Program, which provided support totaling \$3.7 million to 16 HBCUs for 62 research projects. Of this total, \$1.9 million was awarded for HBCU faculty and student projects through programs administered by National Laboratories.

ENVIRONMENTAL PROTECTION AGENCY

Total Discretionary Awards: \$549,891

The Environmental Protection Agency awarded five scientific research grants to the following HBCUs: Morehouse School of Medicine (\$107,525), Meharry Medical College (\$144,921), Xavier University (\$29,956), Fisk University (\$73,304) and Howard University (\$195,185)

DEPARTMENT OF JUSTICE

Total Discretionary Awards: \$50,000

Benedict College and South Carolina State University were awarded \$50,000 to participate in a research project to develop a strategy for preventing drug abuse in South Carolina's Black communities.

Total Discretionary Awards: \$339,889

Jackson State University received an award of \$297,430 to develop and test interactive videodisc training curricula to be used to improve adult literacy skills.

The Employment Standards Administration awarded a \$42,000 grant to Hampton University to conduct research to identify minority faculty profiles in institutions of higher education.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Total Discretionary Awards: \$5.1 Million

NASA awarded \$8.1 million for research and development activities at 21 HBCUs. A total of 115 graduate and 154 undergraduate students were involved in 79 projects.

NATIONAL SCIENCE FOUNDATION

Total Discretionary Awards: 8.4 Million

Some Foundation supported HBCU activities in science and engineering include the following: 1) The Minority Research Initiative Program (MRI) awarded \$28,600 to Clark Atlanta University for mathematical science research activities; 2) MRI planning grants were awarded to faculty at Morehouse College and Clark Atlanta, Jackson State, Morgan State, and Howard Universities, providing up to \$12,000 for research activities carried on for up to one year; and 3) Nine Research Improvement in Minority Institutions Program (RIMI) awards, totaling \$2.4 million, and accounting for 60 percent of the total funds awarded by the program, were made to HBCUs. The program encourages RIMI program directors to involve undergraduate and high school students in their research activities.

NATIONAL ENDOWMENT FOR THE HUMANITIES

Total Discretionary Awards: \$559,516

Nine HBCUs received a total of \$237,320 for faculty study grants. These awards, made available only to faculty at HBCUs, enable humanities professors to continue their work toward a Ph.D. Three additional HBCUs received support for R&D activities (\$213,888).

NUCLEAR REGULATORY COMMISSION

Total Discretionary Awards: \$171,000

Alabama A&M University received the first Nuclear Regulatory Commission subcontract awarded to an HBCU. A University faculty member is conducting original research relating to the causes and consequences of psychological stress leading to the impairment of nuclear power plant workers. This research, supported by an award of \$100,000, focuses on the Commission's "Fitness for Duty" rulemaking.

DEPARTMENT OF TRANSPORTATION

Total Discretionary Awards: \$454,347

The Federal Aviation Administration (FAA) awarded \$150,000 to Fisk University to conduct a research study in explosive vapor detection. The FAA also awarded North Carolina A&T State University \$150,000 to research image processing for weapons detection technology.

Total Legislated or Formula Driven Awards: \$64,695

North Carolina A&T State University was awarded \$60,695 for a University Research and Training Program.

DEPARTMENT OF AGRICULTURE

Total Discretionary Awards: \$969,407

The Farmers Home Administration (FmHA) made six awards, totaling \$931,000 to the 1890 Land Grant Institutions and other HBCUs. These funds were to provide intensive training for "family-size farmers," particularly minority farmers in selected states. The objective of this program is to enhance the ability of small farmers to inadequately operate a farming enterprise, produce adequate income to service debts, maintain farm operations, and provide a reasonable standard of living.

Total Legislated or Formula Grant Awards: \$18.3 Million

The Extension Service, in coordination with the Natural Resources and Rural Development Unit, awarded \$18.3 million to HBCUs to carry out program improvements in Land Grant Institutions.

DEPARTMENT OF DEFENSE

Total Discretionary Awards: \$119,621

The Naval Oceanographic and Atmospheric Research Laboratory (NOARL) issued a \$66,700 grant to Jackson State University to upgrade its ocean and atmospheric science curriculum and develop

TRAINING

This section includes HBCU training activities supported by designated Federal agencies during FY 1989. Training includes using professional personnel (Federal and non-Federal) to gain or enhance knowledge or skills at an HBCU. Awards in this category from designated Federal agencies to HBCUs totaled \$52.4 million.

DEPARTMENT OF COMMERCE

Total Discretionary Awards: \$158,116

The National Oceanic and Atmospheric Administration (NOAA) awarded a \$42,883 grant to Howard University to implement the District of Columbia Metropolitan Consortium for Minorities in Engineering Program.

Total Legislated or Formula Driven Awards: \$580,00

The University Center Program is a source of "seed money" to help colleges and universities establish programs to provide technical assistance to businesses, local governments, and nonprofit organizations in economically depressed areas. Six HBCUs received a total of \$580,000

DEPARTMENT OF DEFENSE

Total Discretionary Awards: \$3.3 Million

Twenty HBCUs were awarded a total of \$3 million by the Department of the Army to provide skills enhancement training for ROTC graduates from HBCUs. This award was initiated by a directive issued by the Chief of Staff of the Army on March 3, 1989 providing for greater involvement of HBCUs in education programs at each Army installation. The Office of the Chief of Naval Research (OCNR) continued to support programs at Tuskegee University (\$41,000) and the University of the District of Columbia (UDC) (\$99,200) focused on attracting outstanding minority and disadvantaged high school students into science and engineering careers. Challenging pre-college summer training programs at Tuskegee University were provided for 42 UDC students and 20 high school students.

In addition, OCNR awarded \$25,000 to UDC to enable inner city high school teachers across the Nation to attend special National Academy of Sciences regional workshops to launch the agency's new initiatives in mathematics educations.

DEPARTMENT OF EDUCATION

Total Legislated or Formula Driven Awards: \$6.6 Million

The Office of Special Education and Rehabilitative Services (OSERS), made awards totaling \$645,200 to six HBCUs for various training programs. These programs focused on recruiting and training teachers in various aspects of Special Education, recruiting and training minority students in speech-language pathology to serve minority populations, and establishing a preservice competency based training program for minority special education teachers.

The Office of Bilingual Education and Minority Languages Affairs (OBEMLA) made an award of \$130,509 to continue to train 60 HBCU undergraduates in the academic skills to work with Limited English Proficiency parents at a neighborhood center.

The Office of Post-secondary Education's Center for International Education awarded six HBCUs a total of \$318,810 for various international studies, foreign language, and Group Projects Abroad Programs.

DEPARTMENT OF ENERGY

Total Discretionary Awards: \$2 Million

The Office of Energy Research supported the pre-doctoral, dual degree, life sciences, or pre-freshman engineering training programs at the following HBCUs: Fort Valley State College (\$50,000); Meharry Medical College (\$158,920); Rust College (\$14,000); and Alabama A&M (\$150,003); Clark Atlanta (\$225,285); Florida A&M (\$75,000); and Howard Universities (\$395,436).

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Total Discretionary Awards: \$23.1 Million

The Health Resources and Services Administration (HRSA) awarded \$3.8 million to 22 HBCUs under the Health Careers Opportunity Program. This program assists students from disadvantaged backgrounds to enter and graduate from health and allied health professions programs. The HRSA's Centers for Excellence Program awarded two HBCUs grants for \$9.2 million. This program strengthens the national capacity to train minority students in the health professions schools.

The Minority Access to Research Careers Program's Honors Undergraduate Training Grant, administered by the National Institute of General Medical Science, awarded a total of \$4.2 million to 31 HBCUs.

The National Institute of Health's Minority High School Student Research Apprenticeship Program awarded a total of \$103,500 to 19 HBCUs for summer programs. The Food and Drug Administration's Office of Equal Employment and Civil Rights awarded a \$12,000 grant to Morehouse School of Medicine to help finance the attendance of a select group of minority high school and graduate students at the Third Annual Symposium in Career Opportunities in Biomedical Sciences.

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Total Discretionary Awards: \$1.5 Million

Fifteen HBCUs provide technical assistance to communities eligible for Community Development Block Grants (CDBG). The purpose of the program is to increase the capacity of the communities that receive these grants to help plan and implement their CDBG programs. The HBCUs participating in the program assist cities to: 1) develop economic development projects; 2) prepare CDBG applications; 3) provide on-site peer technical assistance; and 4) conduct workshops to assist local governments to use their CDBG program funds more effectively (1.5 million).

DEPARTMENT OF THE INTERIOR

Total Discretionary Awards: \$715,224

The Department carried out 114 training activities involving HBCUs. The following are examples of some of these activities:

1) The Office of Surface Mining supported an initiative to advance energy career and research opportunities at HBCUs; (\$25,000); 2) The Fish and Wildlife Service (FWS) supported to students from HBCUs who attended the FWS Career Awareness Institute at Tennessee Technological University (\$21,232); 3) The Geological Survey Office administered Cooperative Education Programs at Jackson State University (\$15,870) and North Carolina Central University (\$39,200); and 4) The Bureau of Mines developed a Memorandum of Understanding to assist Florida A&M University to enhance its core curriculum in International Natural Resource Economics, and Financing and Marketing (\$3,339).

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Total Discretionary Awards: \$2.5 Million

After the successful completion of the Space Life Sciences Training Program (SLSTP) at the Kennedy Space Center, 5 semester hours of tuition free college credit will be offered to students at Florida A&M University (\$359,215). These students, who must also complete subsequent academic and professional training, should serve as a pool of talented research scientists employed in universities, industries and NASA. They will also have gained practical experience in the conduct of life sciences experimentation in space.

The NASA Engineering Enrichment Program is supported at Morgan State University. Ten high school graduates were recruited from the Baltimore/Washington, DC. area for an 8-week summer academic component designed to strengthen their science and mathematics skills and prepare them for a smooth transition from high school to college. Once accepted, these students will be provided academic assistance during their freshman year as

well as tutoring and counseling (\$49,000)

The agency's Engineering and Pre-Engineering Program is conducted in cooperation with the University of Maryland-Eastern Shore. It provides 15 to 20 select high school graduates with academic reinforcement during the summer following graduation, tuition assistance for the freshman year in college, and paid work experience during the summer following their freshman year in college (\$40,000).

NATIONAL SCIENCE FOUNDATION

Total Discretionary Awards: \$3 Million

The Foundation supported three mathematics and science projects for two HBCUs under the Teacher Preparation and Enhancement program. Hampton University received \$648,611 for two awards, and Southern University at Baton Rouge was awarded \$99,406.

Five HBCUs received awards, totaling \$315,940 under the Young Scholars Program to support enrichment activities in science, mathematics, and engineering for high-potential or high-ability secondary students.

SMALL BUSINESS ADMINISTRATION

Total Discretionary Awards: \$87,630

Under the Development Assistance Program, the Small Business Administration (SBA) awarded \$87,630 to the University of Arkansas at Pine Bluff for the project, "Minority Economic Development Project for Rural Arkansas." The project provides in-depth management and technical assistance to at least 90 minority enterprises in the area; it will also help another 100 minority enterprises to plan and implement their ventures.

Total Legislated or Formula Driven Awards: \$1.4 Million

Ten HBCUs were awarded a total of \$1.4 million by the Small Business Development Center Program (SBDC) to support their SBDCs. These centers further economic development by providing management and technical assistance and counseling to present and prospective small businesses.

DEPARTMENT OF TRANSPORTATION

Total Discretionary Awards: \$747,720

The Federal Highway Administration (FHWA) made awards to the University of Arkansas at Pine Bluff (\$100,00), Jackson State (\$62,000) and South Carolina State Universities (\$62,000) under its Rural Transportation Assistance Program.

Total Legislated or Formula Driven Awards: \$107,588

The FHA awarded Stillman College \$107,588 minority business enterprise supportive services.

DEPARTMENT OF VETERANS AFFAIRS

Total Discretionary Awards: \$2 Million

A total of 1,200 students enrolled in 22 HBCUs affiliated with Veterans Affairs health care facilities received portions of their clinical education and training in programs related to the care of veterans (\$2 million).

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Total Discretionary Awards: \$35 Million

The Minority Biomedical Research Support Program awarded 39 grants to 34 HBCUs (16 million). The Research Centers in Minority Institutions Program awarded \$9 million to eight HBCUs offering the doctoral degree in the health sciences. As these HBCUs increase their research capabilities, they should have an improved abilities to address many of the health problems that disproportionately affect the Nation's minority populations.

The National Cancer Institute awarded a total of \$5.7 million of HBCUs for cancer education programs, using networks consisting of Black churches and HBCUs. This initiative was targeted toward traditionally under served populations, emphasizing those at high risk for certain malignancies.

The National Heart, Lung and Blood Institute made 20 Minority School Faculty Development Awards at 11 HBCUs. These awards, totaling \$1.2 million, support the efforts of faculty investigators at minority schools in areas relevant to cardiovascular, pulmonary, and blood disease research.

DEPARTMENT OF THE INTERIOR

Total Discretionary Awards: \$1.0 Million

The Department supported 38 research efforts conducted by HBCUs. The largest single awards were given to Jackson State University (\$137,130), the University of the Virgin Islands (\$105,130) and the University of the District of Columbia (\$105,130) for scientific research."

(Source: Office Of White House Initiative on Historically Black Colleges and Universities).

Those federal agencies that have projected and given substantial funds for historically black colleges and universities include the Agency for International Development, the U.S. Department of Agriculture, the U.S. Department of Defense, the U.S. Department of Education, the U.S. Department of Interior, the U.S. Department of Health and Human Services, the National Aeronautics and Space Administration, and the National Science Foundation. These agencies offer varying amounts of student support through research and development grants, training grants, fellowships and student tuition; depending on how the proposals are written. Many of the programs, funded through these agencies, are included in the paragraphs. It should be noted that most agencies are decentralized and without comprehensive lists of all funded legislative and/or discretionary programs. The National Aeronautics and Space Administration is currently in the process of attempting to compile a listing of its educational programs; many of which support students at the pre-college, undergraduate and graduate levels. The paragraphs that follow include federal as well as private student support programs and services. In some cases, although listings appear as private, the services may, in fact, receive partial or full federal funding.

APPENDIX C

"AMERICA 2,000: AN EDUCATION STRATEGY"

"America 2,000: Education Strategy", the comprehensive plan announced by President George Bush on April 18, 1991, calls for major immediate short and long term strategies involving government, the community, businesses and parents in attaining the Governors' six education goals. These six goals are:

1. All children in America will start school ready to learn.
2. The high school graduation rate will increase to at least 90 percent.
3. American students will leave grades four, eight, and twelve having demonstrated competency in challenging subject matter including English, mathematics, science, history and geography; and every school in America will ensure that all students learn to use their minds well, so they may be prepared for responsible citizenship, further learning, and productive employment in our modern economy.
4. U.S. students will be first in the world in science and mathematics achievement.
5. Every American adult will be literate and will possess the knowledge and skills necessary to compete in a global economy and exercise the rights and responsibilities of citizenship.
6. Every school in America will be free of drugs and violence and will offer a disciplined environment conducive to learning."

(Source: Bush, George, 2000: An Education Strategy". U.S. Department of Education, Washington, D.C. 20202-0498).

NATIONAL EDUCATION GOALS REPORT

The National Education Goals Report includes alarming data on high school completion trends and student competencies in mathematics, science, and civics. The high school completion rate was 83% for 19 to 20 year olds. The National Education Goal is 90% by the year 2000. It should be noted that dropout rates were not cited; merely the rates for dropouts who returned to high school. In mathematics, fewer than one in five students in grades 4, 8 and 12 has reached the National Education Goal.

During the 1980's, thirteen year old from Japan, the Netherlands, Hungary, England and Wales, France, Hong Kong, Scotland, Finland and New Zealand outperformed American thirteen year old on one or more performance measures. In 1990, four fifths of 8th graders did not have computers and small group instruction was missing. In 1988, about half of 12th graders understood the concepts of separation of powers, the Cabinet and the Judiciary.

Clearly, pre-college programs sponsored by colleges and universities, have a role to play in achieving the National Education Goals. Support services for high school students like the Upward Bound Project and the Upward Bound Math Science Initiative are important in assuring better preparation for high risk students. The need for pre-college programs and the role of colleges and universities in the development of these programs have been well documented in the literature.

Universities, can play a key role in bringing together area schools with the university, the business community, local communities, advocacy groups, and parents to make these national goals a reality by the year 2000. By structuring cooperative ventures that effectively utilize some of the resources in the paragraphs on the following pages, universities can be a major force in selected region of the country.

The possibilities are endless. A Saturday Academy for children in grades 1-8. Any teacher training program could benefit from this model. Residential students, through both volunteer and paid experiences at the

Academy might develop and ignite the spark to become teachers; thereby impacting on the large shortages of minority teachers now and in the future. Law enforcement officers could volunteer time with children in the Academy to improve community relations with the police. Area, on site Saturday Academics in the communities could replicate the campus academy and cut costs and ease travel concerns while increasing accessibility for harder to reach communities. Existing campus resources, with additional funding from some of the sources indicated on the subsequent pages, could be expanded to assist children and parents. A parenting program component could be built into the Saturday Academy model.

Interactive satellite campus connections to the schools with the campus could facilitate the teaching of science and mathematics in a major way. Corporate funding and the use of area stations, in conjunction with our existing station could be used to teach. Hands on interactive instruction is now more possible.

The university could, through sponsors, bring noted experts to the campus to interface with students. These experts could share the interests in local geographical area and the surrounding area on themes (women, slaves, share croppers, local aristocracy, etc.). Again, the possibilities are endless.