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ABSTRACT

This directory of projects highlights research advances in the areas of library cooperation and networks, services to special target groups, administration and new technology, new types of library service, and improvement of training. Each project record contains information about the institution, geographic location, principal investigator, duration, contract number, and dollar value. Also included are an informative abstract about the work and significant results, a bibliography of project products, and ED numbers for those documents that have been processed by ERIC. The project descriptions are listed in approximate chronological order with access provided by subject, principal investigator, institution, and contract grant indexes. Four statistical appendices provide information relating to annual funding levels, types of performing organizations, major subject areas funded, and operating centers-services that have resulted from funded projects. (RAA)

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August 1978

U.S. Department of Health, Education, and Welfare
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LI800877

TABLE OF CONTENTS

I.	INTRODUCTION (including Sample Resume)	ii
II.	PROJECT RESUMES	1
III.	INDEXES	
	A. Subject Index	69
	B. Principal Investigator Index	87
	C. Institution (Performing Organization) Index	93
	D. Contract/Grant Number Index	99
IV.	STATISTICAL APPENDICES	
	A. Funding Record (By Fiscal Year)	105
	B. Performing Organization Types (By Fiscal Year)	106
	C. Subject Categories (By Fiscal Year)	107
	D. Operating Centers and Services to Which LRDP Funding Has Contributed	111
V.	HOW TO OBTAIN DOCUMENTS	117

I. INTRODUCTION

In the face of budgetary pressure, America's libraries are struggling to remain viable and insure that their services are available to the public. At the same time they are under increasing pressure to provide for unfulfilled and new needs of a public trying to cope with a complex cultural and physical environment.

While not providing a full solution to the service, budget dilemma, libraries have found new ways to relieve economic pressure and to provide better service by turning to research and testing, not as a luxury, but as a requirement.

During the early years of the Library Research and Demonstration Program, the principal goal was general support with some emphasis on technology. Several projects were funded to apply computers to library functions, to develop and encourage use of microforms, and to develop library organization and management. The program shifted emphasis somewhat in FY 1972. At that time, Commissioner of Education Marland announced in his objectives for the Office of Education the following priorities: (1) education of the handicapped; (2) innovation and pluralism in education; (3) elimination of racial, ethnic and cultural barriers to educational opportunities; (4) career education development.

In response to these concerns, the library research program took cognizance of social issues in an attempt to determine the needs and requirements of Americans who may not have access to adequate library and informational services, and to mobilize total community resources to improve the quality of life for the general public. Projects were funded to study the information needs of a variety of target groups; residents of the inner-city, the aging, the institutionalized, rural residents, ethnic groups, the disadvantaged, etc. Along with these basic studies, attempts were made to develop model information services (as demonstrations) for the target populations with the ultimate goal of replicating the services in other localities.

Despite the budget constraints of recent years, the ten-year record in this Directory represents a considerable accomplishment in generating a high multiple of benefits for the resources provided. The program participants, researchers, administrators and teachers have achieved these results through their skill, ingenuity, and often uncompensated labor.

To mention the accomplishment of one project over another would not be appropriate and to list them all would be impossible in this brief preface. The record is set forth here and readers can judge for themselves. Perhaps it would be useful, however, to indicate the areas of accomplishment:

1. Cooperation and Network

This includes: the formation of national and (suprastate) regional networks based on processing, service or subject; the innovative improvement of existing networks, provision of tools, improvements in efficiency and addition of subsystems and services, and planning and demonstration of how diverse institutions can work together to achieve greater economy and public benefit.

2. Special Target group

This includes: provision and improvement of service to groups who have been minimally served in the past; the generation of services supporting literacy, early childhood education, the reduction of obstacles to the handicapped. Systems and services have been investigated and developed for women, blue collar workers, Native Americans, Black Americans, Senior Citizens, people living in remote areas and others.

3. Administration and New Technology

Through a variety of projects, management has been strengthened in its ability to make decisions and to incorporate new systems and technologies that result in more effective and economical operations.

4. New Services

When research studies have revealed a pressing or long-standing need, support has been provided for the investigation, planning and implementation of new services and improvement of normative service. Examples include strengthening the role of libraries in providing information and referral service, aid to formal and nonformal learners pursuing independent studies and provisions of services such as manuals, handbooks and references.

5. Improvement of Training

Need for training has been investigated and new courses and improved curricula have been provided.

This Directory, includes a comprehensive record of the projects supported by the LRDP program during its first ten years. This record contains complete information concerning the institution, geographic location, principal investigator, duration, contract number, dollar value, etc. Also included in the record is an informative abstract that not only describes what work has been performed, but also the more significant results. In order to document each project fully, a bibliography of all reports, articles, books, and presentations that were engendered by the project has been included as part of the record. All bibliographic entries

have been prepared in accordance with the American National Standard for Bibliographic References (ANSIZ39-29-1977). Whenever the documents described in these bibliographic entries have been processed by the Educational Resources Information Center (ERIC) and announced in the abstract journal Resources in Education (RIE), this Directory repeats the regular six digit ERIC accession number (e.g., ED-123 456). This number can be used to locate an item in the ERIC microfiche collections and to order reproduced paper copy or microfiche from the ERIC Document Reproduction Service (EDRS). For ordering information for both Resources in Education and EDRS, see the last pages in this Directory, "How To Order." It should be empnasized that reports and publications cited in this Directory are generally not available from the U.S. Office of Education but must be requested from the sources indicated.

The project descriptions are announced in approximately chronological order. The Directory provides access to the Project Descriptions via four indexes: Subject, Principal Investigator, Institution, and Contract/Grant Number. A sample project description, with all data elements described, follows this Introduction.

In addition, four statistical appendices provide information relating to annual funding level (appropriation vs. obligation) of the entire program, types of performing organizations funded, major subject areas funded, and operating centers-services that resulted from funded projects.

This Directory enables investigators to locate project results within these areas that might usefully be applied to cost reduction, service and operational improvement and to improvement in training. The preliminary nature of this Directory should be noted. New publications, bibliographic changes and corrections continue to be incorporated, we would welcome any additional information which might complete a project description or project bibliography.

SAMPLE
PROJECT RESUME

Accession Number (Identification number assigned sequentially to projects in roughly chronological order)

PR-1680

INSTITUTION: Denver Univ., Colo. Graduate School of Librarianship. — Institution (Organization funded for project)

Principal Investigator

ADDRESS: Denver, Colorado 80210 — Institution Address

PRINCIPAL INVESTIGATOR: Katz, Ruth

Project Title

TITLE: Training of Library Personnel in Remote Areas by Videotape.

OE Grant Number

GRANT NUMBER: G007500661

OE Project Number

PROJECT NUMBER: 475AH50121

Project Start Date and End Date

PROJECT DURATION: Start Date 1 Jul 75; End Date 30 Jun 76

Project Funding by Fiscal Year

FY FUNDING: FY75-$63,166 01-Jul-75 to 30-Jun-76

Total Project Funding

TOTAL PROJECT DOLLARS: $63,166

Category under which funded (See Appendix C)

PROJECT CATEGORY: Education and Training

DESCRIPTORS: *Educational Needs, Information Dissemination, Instructional Media, Librarians, *Library Education, *Professional Continuing Education, Program Evaluation, *Rural Areas, Tape Recordings, *Video Cassette Systems — Descriptors (Subject terms which characterize substantive content. Selected from *Thesaurus of ERIC Descriptors*. Major terms are preceded by an asterisk).

IDENTIFIERS: Mountain Plains States, *Project ACCESS Videotape — Identifiers (Specific subject index terms not found in the *Thesaurus of ERIC Descriptors*)

The second ACCESS project attempted to evaluate the full range of usefulness of the ACCESS videotape series, and to explore various means of distributing the tapes. Evaluation was sought from individual viewers, as well as from workshop leaders who used the tapes in a variety of continuing education settings. Efforts were made to circulate the tapes to as many different locations as was possible. Results of an exploration of the various means of distributing tapes indicated that sending tapes through the mail for use on video playback equipment was the most practical means of distribution. Near the end of the project, ACCESS staff attempted to make the tapes available to State library agencies, which, it was hoped, could act as loan centers for individual libraries following cessation of the funded project. — Abstract (Informative)

BIBLIOGRAPHY: — Bibliography (Project-related documents)

1. Katz, Ruth M.; John, Jane. Evaluation and distribution of videotapes prepared for training of library personnel. (The ACCESS videotape project.) Final report. Denver, CO: University of Denver, Graduate School of Librarianship; 1976 July; Grant #G00750061; Project #475AH50121. 69p. Available from: EDRS; ED 126 953.

2. University of Denver, Graduate School of Librarianship. ACCESS study guide. Denver, CO; 1976; Grant #G00750061; Project #475AH50121. 44p.

3. University of Denver, Graduate School of Librarianship. Update: ACCESS video project. Denver, CO; 1976 January; Grant #G00750061; Project #475AH50121. 4p.

4. Entire ACCESS series. Denver: University of Denver; 1976. Videorecording; tape cassette; 3/4 in. Available from: National Audiovisual Center; Order #008391.

5. Science questions and issue questions. Denver: University of Denver; 1976. Videorecording; tape cassette; 3/4 in. Available from: National Audiovisual Center; Order #008379.

PR-0010
INSTITUTION: Illinois Univ., Urbana. Library Research Center.
ADDRESS: Urbana, Illinois 61801
PRINCIPAL INVESTIGATOR: Schiller, Anita R.
TITLE: Characteristics of Professional Personnel in College and University Libraries.
CONTRACT NUMBER: OEC-6-10-200
PROJECT NUMBER: 5-0919
PROJECT DURATION: Start Date 1 Oct 65; End Date 29 Feb 68
FY FUNDING: FY66-$22,445 01-Oct-65 to 30-Jun-67; FY67-$7,711 01-Jul-67 to 29-Feb-68
TOTAL PROJECT DOLLARS: $30,156
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Academic Rank (Professional), Age, *College Libraries, Educational Background, Higher Education, Job Satisfaction, *Librarians, *Library Surveys, *Participant Characteristics, Professional Personnel, Professional Recognition, Salaries, Sex Discrimination, *University Libraries, Working Women
IDENTIFIERS: *United States

To determine the characteristics of librarians in the more than 2,000 institutions of higher education in the United States in 1966-1967 and to identify and examine relevant manpower issues, a questionnaire survey was conducted of 2,459 full-time and 201 part-time employees, with a return rate of 92 percent. The results of the survey were based on the responses of 2,282 full-time librarians. Within this sample, the characteristics were: (1) one-third had less than 5 years' experience and one-half had less than 10 years; (2) a large proportion had recently received their library training; (3) the median age was 45 years–for men, 41 years, and for women, 48 years; (4) two-thirds of the librarians were women; (5) five-sixths had at least the fifth year degree in library science; (6) approximately one of eight academic librarians was enrolled for an advanced academic or library degree; (7) in non-library specializations, 30 percent cited subject fields or geographical areas; 11 percent cited specialized materials; 8 percent cited foreign languages; and 4 percent cited other specializations; (8) slightly over one-half held specific faculty rank or its equivalent; only 5 percent were full professors; (9) basic annual salaries ranged from under $5,000 to $28,000; the median and mean salaries for men were $8,990 and $9,598, respectively, compared with $7,455 and $7,746, respectively, for women; and (10) 11 percent were dissatisfied with their careers due to lack of stimulating work and the need for more decision-making responsibility. Manpower issues identified were: the importance of challenging work; recognition of special problems related to the numerical majority of women; the need to provide equal opportunities for women; the importance of full faculty status for academic librarians; and the need for more equitable salaries.
BIBLIOGRAPHY:

1. Schiller, Anita R. Characteristics of professional personnel in college and university libraries. Final report. Urbana, IL: University of Illinois, Library Research Center; 1968 May; Contract #OEC-6-10-200; Project #5-0919. 129p. Available from: EDRS; ED 020 766.

2. Schiller, Anita R. Characteristics of professional personnel in college and university libraries. Springfield, IL: Illinois State Library; 1969; Research Series #16. 118p.

PR-0020
INSTITUTION: Historical Evaluation and Research Organization, McLean, Va.
ADDRESS: 2301 Gallows Road, Dunn Loring, Virginia 22027
PRINCIPAL INVESTIGATOR: Dupuy, Trevor N.
TITLE: Study to Develop a Research Program for the Design Development of Modern College Libraries.
CONTRACT NUMBER: OEC-1-7-070031-5137
PROJECT NUMBER: 7-C-031; 7-C-031 C
PROJECT DURATION: Start Date 30 Jun 67; End Date 31 Oct 68
FY FUNDING: FY67-$10,000 30-Jun-67 to 31-Oct-67; FY68-$3,350 01-Nov-67 to 31-Oct-68
TOTAL PROJECT DOLLARS: $13,350
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *College Libraries, Field Interviews, Information Science, *Information Systems, *Library Planning, *Library Research, *Library Technical Processes, Literature Reviews, Research Methodology, Research Needs, *Research Projects, Systems Analysis
IDENTIFIERS: Denmark, France, Great Britain, Netherlands

A research program to facilitate the establishment of libraries for small liberal arts colleges, using modern library methods and technology and new techniques of information storage, retrieval and transfer, was carried out utilizing two research methods: literature review and field observations and interviews. Based primarily upon the observation and interview program in 56 academic and other institutions where more than 120 people were interviewed, a survey of the status of "College Libraries and Information Systems Today" discussed technological developments and new media affecting libraries and information systems; new educational concepts affecting libraries; and problems, trends, and changes relevant to the objective of the study. Some developments in Denmark, the Netherlands, France, and Great Britain were also discussed. The survey showed that additional research was needed in the areas of systems analysis and design; new technology and techniques; coordination of administration and user-oriented service; the interrelationship of education, information, and library services; and the potentialities of information storage and retrieval. New educational concepts and techniques that affect libraries included: more independent study, integration of academic disciplines, audiotutorial teaching methods, learning centers, and the library-college. The objectives of education, the role of the library and the librarian, coordination with the faculty in book selection, budget problems, potentialities of the computer, interlibrary cooperation, cost effectiveness, and decentralization vs. consolidation were problems in the development of a new college library.
BIBLIOGRAPHY:

1. Dupuy, Trevor N. Study to develop a research program for the design development of modern college libraries. Final report. McLean, VA: Historical Evaluation and Research Organization; 1968 March 15; Contract #OEC-1-7-070031-5137; Project #7-C-031. 108p. Available from: EDRS; ED 020 762.

2. Dupuy, Trevor N. Ferment in college libraries: the impact of information technology. Washington, DC: Communication Service Corporation; 1968. 158p. Available from: Communication Service Corporation, Washington, DC (ED 040 561).

3. Dupuy, Trevor N. Modern libraries for modern colleges. Washington, DC; Communication Service Corporation; 1968.

PR-0030
INSTITUTION: Illinois Univ., Urbana. Library Research Center.
ADDRESS: Urbana, Illinois 61801
PRINCIPAL INVESTIGATOR: Krikelas, James
TITLE: The Effect of Arrangement on the Use of Library Catalogs--An Experimental Study of a Divided and a Dictionary Catalog.

GRANT NUMBER: OEG-3-7-070014-1630
PROJECT NUMBER: 7-E-014
PROJECT DURATION: Start Date 15 Dec 66; End Date 14 De
FY FUNDING: FY67-$8,938 15-Dec-66 to 14-Dec-67
TOTAL PROJECT DOLLARS: $8,938
PROJECT CATEGORY: Functional Development
DESCRIPTORS: *Catalogs, Comparative Analysis, *Dictionary Catalogs, *Divided Catalogs, Libraries, *Library Research, *Use Studies
IDENTIFIERS: Illinois University, Wisconsin University

Using a set of developed search questions as the data collection instrument, a study was conducted to determine if more effective use of library catalogs could be effected by dividing a traditional dictionary catalog so that a separate file for subject entries was created. The University of Illinois' Dictionary Catalog and the University of Wisconsin's catalog divided into subject and nonsubject entries were selected for study, and appropriate sections were verified as to similarity of size and complexity. The study participants were undergraduate students randomly selected at the two universities. Effective use of the catalog was measured by a mean success score representing the ability of the students to select appropriate subject references in response to questions. Based on the study findings, it was concluded that change in the arrangement of large library catalogs would not result in more effective use. There was no indication that one type of catalog was superior to the other.

BIBLIOGRAPHY:

1. Krikelas, James. The effect of arrangement on the use of library catalogs--an experimental study of a divided and a dictionary catalog. Final report. Urbana, IL: University of Illinois, Library Research Center; 1967 October; Grant #OEG-3-7-070014-1630; Project #7-E-014. 163p. Available from EDRS; ED 020 767.

PR-0040

INSTITUTION: American Library Association, Chicago, Ill. Library Administration Div.
ADDRESS: 50 East Huron Street, Chicago, Illinois 60610
PRINCIPAL INVESTIGATOR: Trezza, Alphonse F.
TITLE: Library Statistics of Colleges and Universities, 1965-66; Institutional Data.
GRANT NUMBER: OEG-3-7-070016-1604
PROJECT NUMBER: 7-E-016
PROJECT DURATION: Start Date 1 Dec 66; End Date 15 Mar 67
FY FUNDING: FY67-$9,617 01-Dec-66 to 15-Mar-67
TOTAL PROJECT DOLLARS: $9,617
PROJECT CATEGORY: Education and Training
DESCRIPTORS: *College Libraries, *Library Research, Questionnaires, *School Surveys, *State Surveys, Statistical Data, Tables (Data), *University Libraries

A questionnaire survey was conducted in collaboration with state library agencies to obtain library data from 2,207 academic institutions listed in the "Education Directory, 1965-66, Part 3, Higher Education." The resulting data were compiled by state and institution in three tables: (1) Selected Management Data on College and University Libraries, 1965-66, (2) Operating Expenditures, Personnel, and Beginning Salary, 1965-66, and (3) Number of Full-Time Library Staff Members and Lowest and Highest Salaries by Types of Position, September 1, 1966.

BIBLIOGRAPHY:

1. Trezza, Alphonse F. The collection and analysis of library statistics of colleges and universities, 1965-66. Institutional data. Chicago, IL: American Library Association, Library Administration Division; 1967; Grant #OEG-3-7-070016-1604; Project #7-E-016. 243p. Available from: EDRS; ED 010 650.

PR-0050

INSTITUTION: Illinois Univ., Urbana.
ADDRESS: Urbana, Illinois 61801
PRINCIPAL INVESTIGATOR: Axeen, Marina E.
TITLE: Teaching Library Use to Undergraduate--Comparison of Computer-Based Instruction and the Conventional Lecture.
CONTRACT NUMBER: OEC-3-7070050-3131
PROJECT NUMBER: 7-E-050
PROJECT DURATION: Start Date 1 Apr 67; End Date 31 Aug 67
FY FUNDING: FY67-$6,838 01-Apr-67 to 31-Aug-67
TOTAL PROJECT DOLLARS: $6,838
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Comparative Analysis, *Computer Assisted Instruction, Effective Teaching, *Lecture, *Teaching Methods, Undergraduate Students, *University Libraries, *Use Studies
IDENTIFIERS: Illinois University, *PLATO, *PLATO Teaching System, Programmed Logic for Automatic Operations

To determine the effectiveness of computer-based instruction in the use of the library, 66 University of Illinois undergraduate students, who were enrolled in the course Library Science 195, participated in a three-semester experiment. One group was instructed by the lecture method, and the other received computer-based instruction. A 923-frame program, which excluded the "help" sequences, was written for the PLATO Teaching System. The results of the experiment showed that: (1) students in both groups made significant gains in their knowledge of library use; (2) the two groups did not differ significantly in the amount of knowledge gained; (3) the computer-based instruction group covered the same amount of material in less time than the lecture group; (4) considerably more time was required for the initial preparation of PLATO lessons than for conventional lectures; (5) subsequent preparation of PLATO lessons required considerably less time than did conventional lectures; (6) PLATO instruction required less teaching assistance than did conventional lectures; (7) the amount of instructor's time needed during lectures exceeded by far the amount needed during PLATO instruction.

BIBLIOGRAPHY:

1. Axeen, Marina E. Teaching library use to undergraduate--comparison of computer-based instruction and the conventional lecture. Urbana, IL: University of Illinois; 1967 August; Contract #OEC-3-7-070050-3131; Project #7-E-050. 113p. Available from: EDRS; ED 014 316.

PR-0060

INSTITUTION: Wisconsin Univ., Madison. Library School.
ADDRESS: 500 Lincoln Drive, Madison, Wisconsin 53706
PRINCIPAL INVESTIGATOR: Cazayoux, Vivian
TITLE: Public Library Services and Their Use by Professional Staffs of Welfare Agencies.
GRANT NUMBER: OEG-1-7-070088-4283
PROJECT NUMBER: 7-E-088
PROJECT DURATION: Start Date 2 Jun 67; End Date 15 Aug 67
FY FUNDING: FY67-$4,124 02-Jun-67 to 15-Aug-67
TOTAL PROJECT DOLLARS: $4,124
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Interviews, *Library Research, Library Services, Library Surveys, Professional Personnel, *Publicize, *Public Libraries, Questionnaires, *Use Studies, *Welfare Agencies

The public libraries' programs of publicizing and interpreting the libraries' resources and services to the professional staffs of family welfare agencies, as related to the levels of use by the staffs, were studied in four libraries and seven agencies in cities of over 300,000 population. The library data were collected by 25 personal interviews, and the family welfare agency data were gathered from 398 responses to questionnaires. In addition, data were obtained through examination of the libraries' book lists, bibliographies, film lists, conference programs, and library publications. The number of welfare staff members who indicated that they were not aware that all of the services listed in the questionnaire were available from the library and the number who recommended a better publicity program by the library confirmed the importance of a good program of interpretation.

BIBLIOGRAPHY:

1. Cazayoux, Vivian. Public library services and their use by

professional staffs of welfare agencies. Madison, WI: University of Wisconsin, Library School; 1967; Grant #OEG-1-7-070088-4283; Project #7-E-088. 132p. Available from: EDRS; ED 045 151.

PR-0070
INSTITUTION: Oklahoma Univ., Norman.
ADDRESS: 1803 Newton Drive, Norman, Oklahoma 73069
PRINCIPAL INVESTIGATOR: Carroll, Frances Laverne
TITLE: Feasibility Study for Incorporating a Year Abroad in the Library Science Curriculum.
GRANT NUMBER: OEG-7-8-000070-0026(010)
PROJECT NUMBER: 7-G-070
PROJECT DURATION: Start Date 19 Mar 68; End Date 31 May 69
FY FUNDING: FY68-$8,025 19-Mar-68 to 31-May-69
TOTAL PROJECT DOLLARS: $8,025
PROJECT CATEGORY: Education and Training
DESCRIPTORS: *Curriculum Development, *Educational Opportunities, Feasibility Studies, Librarians, *Library Education, *Library Science, *Study Abroad
IDENTIFIERS: Germany, Great Britain

Study abroad by librarians has as its purpose the education of society through the improvement of the educational opportunities of librarians. A year's study abroad introduces the librarian to other cultures, providing for an increased understanding of human nature, and eliminates cultural bias in librarianship. The purposes of study abroad in library science, utilization of study abroad in education for librarianship, and the criteria for selection of major cooperating schools in Germany and Great Britain must be determined prior to the inclusion of such study in the library science curriculum.
BIBLIOGRAPHY:
1. Carroll, Frances Laverne. Feasibility study for incorporating a year abroad in the library science curriculum. Norman, OK: Oklahoma University, School of Library Science; 1969 May 29; Grant #OEG-7-8-000070-0026(010); Project #7-G-070. 52p. Available from: EDRS; ED 032 094.

PR-0080
INSTITUTION: Institute for Advancement of Medical Communication, Philadelphia, Pa.
ADDRESS: 4040 Locust Street, Philadelphia, Pennsylvania 19104
PRINCIPAL INVESTIGATOR: Schultz, Claire K.
TITLE: Evaluation of Indexing by Group Consensus.
CONTRACT NUMBER: OEC-1-7-070622-3890
PROJECT NUMBER: 7-0622
PROJECT DURATION: Start Date 1 May 67; End Date 30 Nov 67
FY FUNDING: FY67-$17,995 01-May-67 to 30-Nov-67
TOTAL PROJECT DOLLARS: $17,995
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Analysis of Variance, *Evaluation Criteria, *Evaluation Methods, *Group Structure, *Indexing
IDENTIFIERS: *Criterion Group Method

Major variables affecting the practicality, flexibility, reliability, and sensitivity of the Criterion Group Method for evaluating indexing or subject cataloging were explored utilizing 282 short, original reports of biomedical research. Twelve active researchers comprised the criterion group; the test sets used were developed by eight professional biomedical indexers, by the authors of the documents, and by two groups of medical students with no previous indexing experience. Instructions to the criterion group, professional indexers, and authors placed no limit on the number of terms nor the vocabulary that could be used to index a document. They were given a one-page checklist that showed 373 hierarchically arranged terms, which they were free to use if they wished, along with free-language terms. Methodologic variables explored were: (1) size of criterion group; (2) size of document sample; (3) editing, or standardization; (4) generic posting, or confounding; (5) instructions to test indexers; (6) weighting schemes. The first three variables are important determinants of the method's reliability and practicality. Each of the six variables was manipulated to determine its effects on the reliability and/or sensitivity of scores for test sets expressed in terms of "percent maximal score." From analyses performed, it was concluded that: (1) the Criterion Group Method is flexible in that it can accommodate free-language or controlled-language indexing, with or without hierarchical structure; (2) it is sensitive to differences between indexing treatments; and (3) it can be a practical yardstick for a wide variety of managerial, research, and educational uses.
BIBLIOGRAPHY:
1. Schultz, Claire K. [and others]. Evaluation of indexing by group consensus. Final report. Philadelphia, PA: Institute for the Advancement of Medical Communication; 1968 August 30; Contract #OEC-1-7-070622-3890; Project #7-0622. 46p. Available from: EDRS; ED 025 288.

PR-0090
INSTITUTION: Committee to Investigate Copyright Problems Affecting Communications in Science and Education, Inc., Washington, D.C.
ADDRESS: 2233 Wisconsin Avenue, N.W., Washington, D.C. 20007
PRINCIPAL INVESTIGATOR: Sophar, Gerald
TITLE: The Determination of Legal Facts and Economic Guideposts with Respect to the Dissemination of Scientific and Educational Information as It Is Affected by Copyright--A Status Report.
CONTRACT NUMBER: OEC-1-7-070793-3559
PROJECT NUMBER: 7-0793
PROJECT DURATION: Start Date 8 May 67; End Date 8 Nov 67
FY FUNDING: FY67-$20,311 08-May-67 to 08-Nov-67
TOTAL PROJECT DOLLARS: $20,311
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *Copyrights, *Information Dissemination, Information Networks, *Legal Problems, *Library Materials, Printing, *Reprography

To develop a better accommodation between copyright law and information technology, a description, analysis, and evaluation of the current situation regarding the relationship of copyright law to the requirements of present and future information dissemination systems were effected. The resulting findings were: (1) Extent of Copying–copying of copyrighted materials in the major resource libraries was primarily at the single-copy level; there was no general practice in library administration that limited single-copy reproduction; the bulk of U.S. copying was in science and engineering; U.S. copying was mainly from serial literature; the ratio of hard copies to micro copies was 5 to 1; more material was copied from nonprofit than from profit publications; 80 percent of material copied in U.S. libraries was less than five years old, and 90 percent was less than 10 years old; it was estimated that in 1967, over one billion copyrighted pages were copied in the U.S.; less than 1,000 publishers provided the material copied by U.S. libraries; slightly less than one-third of the major resource or copying libraries were participating in experimental interlibrary facsimile or file-searching systems; 99 percent of journal articles copied were copied as a whole; (2) Attitudes and the Copyright Law–most librarians and information center managers believed that the making of a single copy was not an infringement and that it fell within the area of fair use; the law, in general, prohibits single-copy reproduction without permission of copyright owner; (3) Library Services Limited by Copyright Law–the copyright law had not been restrictive and had not curtailed library and information services in the past; it may be a potential impediment chiefly to information networks. The study conclusion was that some equitable system of access, permissions, and payments for the use of copyrighted material that conforms with the provisions and objectives of copyright law should be developed.
BIBLIOGRAPHY:
1. CICP study group. First annual report. Washington, DC: Committee to Investigate Copyright Problems Affecting Communication in Science and Education, Inc.; 1960 May 10; 1961 December 13. 21p.
2. First annual report of Committee to Investigage Copyright Problems Affecting Communication in Science and Education, Inc. Reprinted from Bulletin of the Copyright Society of the U.S.A.; 1962 October; 10(1): 25p.
3. Heilprin, L. B. Working paper on feasibility of a copyright clearinghouse. Washington, DC; 1963 June 26. 23p.

4. Statement by the Committee to Investigate Copyright Problems Affecting Communication in Science and Education, Inc. on H.R. 4347 before the Committee on the Judiciary, House of Representatives, Subcommittee No. 3. Washington, DC; 1965 June 30. 18p.

5. Sophar, Gerald J. Committee to Investigate Copyright Problems Affecting Communication in Science and Education, Inc. (CICP). Meeting of Council of Biology Editors; 1967 May 8; New York, NY. 9p.

6. Heilprin, Laurence B. Effect of copyright and of journal economics on communication in science and education. Meeting of the American Society for Engineering Education; 1967 June 22. 9p.

7. Sophar, Gerald J.; Heilprin, Laurence B. The determination of legal facts and economic guideposts with respect to the dissemination of scientific and educational information as it is affected by copyright--a status report. Washington, DC: Committee to Investigate Copyright Problems Affecting Communications in Science and Education, Inc.; 1967 December; Contract #OEC-1-7-070793-3559; Project #7-0793. 201p. Available from: EDRS; ED 014 621 and from NTIS, Springfield, VA; PB 178463.

8. Sophar, Gerald J. The determination of legal facts and economic guideposts with respect to the dissemination of scientific and educational information as it is affected by copyright--a status report. American Documentation; 1968 July; 19(3): 317-321.

9. Proposed clearing house outline. Washington, DC: Committee to Investigate Copyright Problems Affecting Communication in Science and Education, Inc. 26p.

PR-0100

INSTITUTION: Minnesota Univ., Minneapolis.
ADDRESS: Minneapolis, Minnesota 55455
PRINCIPAL INVESTIGATOR: Simonton, Wesley
TITLE: An Education Research Information Center Clearinghouse for Library and Information Sciences.
CONTRACT NUMBER: OEC-1-7-070866-4575
PROJECT NUMBER: 7-0866; 7-0866 C
PROJECT DURATION: Start Date 22 Jun 67; End Date 31 Dec 69
FY FUNDING: FY67-$184,878 22-Jun-67 to 31-Dec-68; FY69-$71,629 10-Jan-69 to 31-Dec-69
TOTAL PROJECT DOLLARS: $256,507
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Abstracting, *Clearinghouses, Educational Research, Indexing, *Information Dissemination, *Information Science, *Library Science, *Research Reviews (Publications)
IDENTIFIERS: *Clearinghouse for Library and Information Sciences, CLIS, Minnesota University

The University of Minnesota established, under the auspices of Central ERIC, a clearinghouse for the identification, collection, evaluation, indexing, abstracting, storage, retrieval, and dissemination of research and research-related materials concerned with library and information sciences. This Clearinghouse for Library and Information Sciences (CLIS) (1) established wide professional and educational contacts to ensure the identification and collection of pertinent materials; evaluated materials received for quality; and indexed and abstracted documents selected; (2) maintained a file of original copies of documents processed; (3) forwarded to Central ERIC one original copy of all documents processed and a report resume for each document; (4) engaged in information analysis activities, including preparation of bibliographies; (5) reviewed articles and state-of-the-art reports; (6) publicized the clearinghouse's services; and (7) assisted in the development of the ERIC thesaurus.

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1. Simonton, Wesley. An educational resources information center clearinghouse for library and information sciences. Minneapolis, MN: Minnesota University; 1968 April, July, October; 1969 March, May, August.

2. ERIC Clearinghouse on Library and Information Sciences. ERIC products, 1967-1968, a bibliography of information analysis publications of the ERIC clearinghouses, July 1967--June 1968. Minneapolis, MN; 1969; Contract #OEC-1-7-070866-4575; Project #7-0866. 24p. Available from: EDRS; ED 029 161.

3. ERIC Clearinghouse on Library and Information Sciences. ERIC products, 1968-1969; a bibliography of information analysis publications of the ERIC clearinghouses, July 1968--June 1969. Minneapolis, MN; 1969; Contract #OEC-1-7-070866-4575; Project #7-0866. 34p. Available from: EDRS; ED 034 089.

4. Boelke, Joanne. Library technicians, a survey of current developments. Minneapolis, MN: ERIC Clearinghouse for Library and Information Sciences; 1968 September; Contract #OEC-1-7-070866-4575; Project #7-0866; Review Series #1. 12p. Available from: EDRS; ED 019 530.

5. Knapp, Patricia B. The academic library response to new directions in undergraduate education. Minneapolis, MN; ERIC Clearinghouse on Library and Information Sciences; 1970 April; Contract #OEC-1-7-070866-4575; Project #7-0866; Review Series #2. 23p. Available from: EDRS; ED 039 390.

6. Blasingame, Ralph; Summers, F. William. State and regional library studies; a state of the art paper. Minneapolis, MN: ERIC Clearinghouse on Library and Information Sciences; 1970 June; Contract #OEC-1-7-070866-4575; Project #7-0866; Review Series #3. 13p. Available from: EDRS; ED 039 389.

7. Bregzis, Ritvars. Machine readable bibliographic records: criteria and creation. Minneapolis, MN: ERIC Clearinghouse on Library and Information Sciences; 1970 May; Contract #OEC-1-7-070866-4575; Project #7-0866; Review series #4. 28p. Available from: EDRS; ED 039 388.

8. Bourne, Charles P. [and others]. Abstracting and indexing rates and costs: a literature review. Minneapolis, MN: ERIC Clearinghouse on Library and Information Sciences; 1970 May; Review series #5. 68p. Available from: EDRS; ED 043 798.

9. Copenhaver, Christina; Boelke, Joanne. Library service to the disadvantaged, a bibliography. Minneapolis, MN: ERIC Clearinghouse for Library and Information Sciences; 1968 December; Contract #OEC-1-7-070866-4575; Project #7-0866. Bibliography Series #1. 18p. Available from: EDRS; ED 026 103.

10. Mason, Charlene. Bibliography of library automation. Bibliography Series #2. ALA Bulletin; 1969 September; 63(8); 1117-1134.

11. ERIC Clearinghouse on Library and Information Science. Library surveys and development plans, an annotated bibliography. Minneapolis, MN; 1969 September; Contract #OEC-1-7-070866-4575; Project #7-0866. Bibliography Series #3. 43p. Available from: EDRS; ED 031 609.

12. Boelke, Joanne, comp. Library service to the visually and physically handicapped, a bibliography. Minneapolis, MN: ERIC Clearinghouse on Library and Information Sciences; 1969 October; Contract #OEC-1-7-070866-4575; Project #7-0866; Bibliography Series #4. 18p. Available from: EDRS; ED 031 615.

13. Simonton, Wesley. Clearinghouse for library science. Wilson Library Bulletin; 1967 December; 42(4): 383-385.

14. Simonton, Wesley. Implications of the ERIC clearinghouse for library and information sciences. Special Libraries; 1968 December; 59(10): 769-774.

15. Simonton, Wesley. The ERIC clearinghouse for library and information sciences. New York: Bowker Annual of Library and Book Trade Information; 1968; 125-127; 1969; 244-246.

PR-0110

INSTITUTION: Herner and Co., Washington, D.C.
ADDRESS: 2100 M Street, N.W., Washington, D.C. 20037
PRINCIPAL INVESTIGATOR: Herner, Saul
TITLE: Study of Methods and Materials for Training Scientists and Engineers in the Use of Information Tools, Techniques, Resources, and Facilities.
CONTRACT NUMBER: OEC-1-7-070895-3777
PROJECT NUMBER: 7-0895
PROJECT DURATION: Start Date 1 Jun 67; End Date 31 Mar 68
FY FUNDING: FY67-$29,589 01-Jun-67 to 31-Mar-68
TOTAL PROJECT DOLLARS: $29,589
PROJECT CATEGORY: Technology
DESCRIPTORS: Course Evaluation, *Course Objectives, Curriculum Development, *Engineers, Guides, *Information Seeking, Informa-

tion Systems, Instructional Materials, Material Development, *Scientific Personnel, *Training Objectives

In this three-part project, the means for assuring that scientists and engineers can be cognizant of the increasing number of tools and resources for obtaining work related information were developed and evaluated. The first part of the project was concerned with the development of a tentative syllabus that addressed itself to: the primary types of information usually sought and required in pure and applied scientific and engineering activities; the best available tools and techniques for obtaining the types of information defined and described; the selection and orientation of lecturers; the development of lecture outlines; the selection of pertinent background materials; the conduct and evaluation of three trial-course sessions; and the modification of the syllabus on the basis of the trial sessions results. In the second part of the project, attention was directed to the preparation of a summary guide to the use of scientific and technical information sources, and a companion volume of exhibits of the materials described in the guide. The third part of the study consisted of editing, indexing, and composing an expository document that described a group of highly mechanized Government information systems primarily designed to publish secondary scientific and technical literature, but which also provide a variety of other products and services. The project resulted in the development and testing of a one-day course to train scientists and engineers in the effective use of information tools, resources, and techniques. The lecture topics were: Information about Information; Information on Ongoing Research and Development; Current Research and Development Results; Past Research and Development Results; Major American Library and Resource Collections; Organization of Personal Index Files; and Relationship of the Scientist and Engineer to His Information Tools and Mechanisms.

BIBLIOGRAPHY:

1. Herner, Saul. Study of methods and materials for training scientists and engineers in the use of information tools, techniques, resources, and facilities. Washington, DC: Herner and Company; 1967 August; 1968 April, July. (Draft of number 6).

2. Ackerman, Lynn, ed. [and others]. Selected mechanized scientific and technical information systems. Washington, DC: Herner and Company; 1968 April; Contract #OEC-1-7-070895-3777; Project #7-0895. 153p. Available from: NTIS, Springfield, VA; PB 179 658.

3. Herner, Saul. A guide to information tools, methods, and resources in science and engineering. Washington, DC: Herner and Company; 1968 July 12; Contract #OEC-1-7-070895-3777; Project #7-0895. 98p. Available from: EDRS; ED 022 068.

4. Herner, Saul. An experimental course in information gathering for scientists and engineers. Final report. Washington, DC: Herner and Company; 1968 December 1; Contract #OEC-1-7-070895-3777; Project #7-0895. 14p. Available from: EDRS; ED 022 069.

5. Herner, Saul. An experimental course in information gathering for scientists and engineers. Journal of Chemical Documentation; 1969 May; 9(2): 99-102.

6. Herner, Saul. A brief guide to sources of scientific and technical information. Washington: Information Resources Press; 1969. 112p.

PR-0120

INSTITUTION: Washington and Lee Univ., Lexington, Va.
ADDRESS: Lexington, Virginia 24450
PRINCIPAL INVESTIGATOR: Turner, Edward F., Jr.
TITLE: Study of the Implications of Modern Technology in Small College Libraries.
GRANT NUMBER: OEG-1-7-070910-3706(095)
PROJECT NUMBER: 7-0910
PROJECT DURATION: Start Date 15 Jun 67; End Date 28 Feb 69
FY FUNDING: FY67-$75,000 15-Jun-67 to 28-Feb-69
TOTAL PROJECT DOLLARS: $75,000
PROJECT CATEGORY: Technology
DESCRIPTORS: *College Libraries, Computers, *Information Needs, *Information Science, Libraries, *Library Automation, Microfilm, *Small Schools, Undergraduate Study
IDENTIFIERS: *Package Library

Research and analysis was conducted to determine the most efficient and economical means of applying technological innovations to the small college or community college library. The small college library is defined as one serving undergraduate instructional needs, as distinguished from the university library that serves those doing serious research. Some of the problems examined in the assessment of the requirements of a modern college library were: student needs, faculty needs, information availability, changes in users' patterns, and compact storage of materials. The changing role of the college library in the educational process was outlined, and attention was focused on the resulting problems. The applications of modern technological developments to the college library, particularly computer and microfilm technology, were reviewed, and their current usefulness was assessed. The thesis was advanced, and supporting arguments and data were provided, that the most effective means for utilizing technology in libraries was to exploit mass production techniques through coordination of effort. A two-step process for accomplishing this was suggested, resulting in the "package" library.

BIBLIOGRAPHY:

1. Turner, Edward F., Jr. A study of the implications of modern technology for small college libraries. Lexington, VA: Washington and Lee University; 1969 March 31; Grant #OEG-1-7-070910-3706(095); Project #7-0910. 139p. Available from: EDRS; ED 036 659.

PR-0130

INSTITUTION: American Chemical Society, Columbus, Ohio. Chemical Abstracts Service.
ADDRESS: Ohio State University, 2540 Olentangy River Road, Columbus, Ohio 43210
PRINCIPAL INVESTIGATOR: Wood, James L.
TITLE: Review of the Availability of Primary Scientific and Technical Documents within the United States.
CONTRACT NUMBER: OEC-1-7-070930-5145
PROJECT NUMBER: 7-0903
PROJECT DURATION: Start Date 30 Jun 67; End Date 30 Jun 69
FY FUNDING: FY67-$198,900 30-Jun-67 to 30-Jun-69
TOTAL PROJECT DOLLARS: $198,900
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Chemistry, *Conference Reports, Data Bases, Data Collection, Information Sources, *Interlibrary Loans, *Library Collections, *Library Research, Library Services, *Serials, Technical Reports, Use Studies
IDENTIFIERS: United States

To determine whether scientific and technical literature, specifically serials and conference proceedings volumes, were actually available to users in the United States, either from their local libraries or as interlibrary loans from other libraries, a review was made of three data bases. The first data base was a file of bibliographic data and library holdings collected by CAS and some 325 U.S. Resource Libraries. ACCESS was used to identify journals and conference proceedings volumes pertinent to the areas of chemistry and chemical engineering. The second file contained interlibrary loan information collected from over 70,000 interlibrary loan and facsimile requests provided by 19 U.S. libraries located in 9 Office of Education regions. The third file identified the relevance of over 27,000 scientific and technical serials to a number of different scientific and technical disciplines and subject areas. The four major objectives of the review were to: (1) determine the availability of source documents in the country as a whole and in selected geographic areas; (2) ascertain how well interlibrary loans fulfill document requests; (3) measure the need for and uses of a document back-up resource for local libraries to borrow chemical and chemical engineering literature; and (4) project the results of the study to related disciplines. The conclusions of the study were that: (1) scientific and technical serials and conference proceedings volumes were not widely enough available to users in the U.S.; (2) the borrowing of such documents through interlibrary loan was both chancy and time-consuming; (3) specialized document collections were needed as resources for the library

0107; Project #8-0292. 127p. Available from: EDRS; ED 035 432.
2. Dolby, J. L.; Forsyth, V. J. An analysis of cost factors in maintaining and updating card catalogs. Journal of Library Automation; 1969 December; 2(4): 218-241.
3. Dolby, J. L.; Forsyth, V. J. Selected bibliography on cost of library automation. New York: National Auxiliary Publications Service; 1969.
4. Resnikoff, H. L.; Dolby, J. L. Analysis of library growth. Rice University Studies: 1969 Fall; 55(4): 55-89.

PR-0480
INSTITUTION: George Washington Univ., Washington, D.C. Biological Sciences Communication Project.
ADDRESS: 2121 I Street, N.W., Washington, D. C. 20006
PRINCIPAL INVESTIGATOR: Benton, Mildred
TITLE: A Study of Resources and Major Subject Holdings Available in U.S. Federal Libraries Maintaining Extensive or Unique Collections of Research Materials.
CONTRACT NUMBER: OEC-0-8-080310-3742(095)
PROJECT NUMBER: 8-0310
PROJECT DURATION: Start Date 20 Jun 68; End Date 30 Sep 70
FY FUNDING: FY68-$140,000 20-Jun-68 to 30-Sep-70
TOTAL PROJECT DOLLARS: $140,000
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Bibliographies, *Evaluation Criteria. *Government Libraries, *Library Collections, *Library Surveys, Literature Reviews, Reference Materials, *Research Reviews (Publications), Standards, Tables (Data)

A survey was made of 188 U.S. Federal Libraries with extensive or unique collections of research materials to study their resources and major subject holdings and to determine the feasibility of formulating criteria for assessing research collections in Federal libraries. Computer tables were prepared, which identified the libraries and interpreted and compared, in hierarchial arrangement, the data obtained. An alphabetical list was compiled of the subjects reported by and available in the libraries. The subject coverage was widespread; however, there was a noticeable concentration in history and the pure sciences. To arrive at criteria for evaluating collections, pertinent literature was reviewed; available guides and criteria were evaluated as to their usefulness as components of or contributions to standards of measurement; and test standards were formulated and tested in selected libraries. A bibliography of references most applicable to the evaluation of library collections was produced.
BIBLIOGRAPHY:
1. Benton, Mildred; Ottersen, Signe. A critique on standards for evaluating library collections; supplement 1 to final report: a study of resources and major subject holdings available in U.S. federal libraries maintaining extensive or unique collections of research materials. Washington, DC: April; Contract #OEC-0-8-080310-3742(095); Project #8-0310. 62p. Available from: EDRS; ED 043 351.
2. Benton, Mildred [and others]. A study of resources and major subject holdings available in U.S. federal libraries maintaining extensive or unique collections of research materials. Final report. Washington, DC; George Washington University; Biological Sciences Communication Project; 1970 September; Contract #OEC-0-8-080310-3742(095); Project #8-0310. 676p. Available from: EDRS; ED 043 350.
3. Benton, Mildred, comp. Federal library resources: a user's guide to research collections. Science Associates/International; 1973. 120p. (ISBN 0-87837-002-1)

PR-0490
INSTITUTION: System Development Corp., Santa Monica, Calif.
ADDRESS: 2500 Colorado Avenue, Santa Monica, California 90406
PRINCIPAL INVESTIGATOR: Cuadra, Carlos
GRANT NUMBER: OEG-9-8-080329-0089(095)
PROJECT NUMBER: 8-0329
PROJECT DURATION: Start Date 1 Feb 68; End Date 1 Aug 68
FY FUNDING: FY68-$15,913 01-Feb-68 to 01-Aug-68
TOTAL PROJECT DOLLARS: $15,913
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Books, Evaluation Methods, Information Scientists, *Information Utilization, Interviews, Libraries, *Professional Personnel, Questionnaires, *Resource Materials, *Use Studies
IDENTIFIERS: *Annual Review Information Science and Technology

The impact on professional communication of an annual review publication was examined in a sample of users and non-users of Volume 1 of the Annual Review of Information Science and Technology. Questionnaires were sent to nearly 3,000 of them. The respondents were divided into three groups for analysis: those who had used the Annual Review, those who had only seen it or heard of it, and those who had not yet seen it or heard of it. Users of the Annual Review differed from non-users in a number of ways, particularly on measures of professional activity level, on which they were uniformly higher than the non-users. They reported a variety of valuable uses. The impact of the Annual Review was partially evident from the tendency of users to re-examine cited literature again, to seek new cited literature, and to seek contact with the authors of cited literature. Both the questionnaire and several informal interview sessions sought to elicit suggestions for improvement of the series. This study suggested that annual reviews have great potential for advancing many fields of inquiry and should, where possible, be encouraged and supported, preferably without demanding so precipitous a rate of growth toward self-support that the dilution in quality is ultimately self-defeating to the sponsoring organization.
BIBLIOGRAPHY:
1. Cuadra, Carlos A. [and others]. Impact study of the annual review of information science and technology. Final report. Santa Monica, CA: System Development Corporation; 1968 November 15; Grant #OEG-9-8-080329-0089(095); Project #8-0329; Report #TM-4125. 114p. Available from: EDRS; ED 025 287 and from NTIS, Springfield, VA; PB 184 227.
2. Katter, Robert V.; Harris, Linda. Impact of the annual review of information science and technology. Proceedings of the American Society for Information Science; 1968: 331-333. (Vol. 5).

PR-0500
INSTITUTION: System Development Corp., Falls Church, Va.
ADDRESS: 5720 Columbia Pike, Falls Church, Virginia 22041
PRINCIPAL INVESTIGATOR: Lewis, Raymond; Sherman, Charles N.
TITLE: An Investigation, Analysis and Evaluation of Activities Connected with the Operation of Educational Information Service Centers.
CONTRACT NUMBER: OEC-0-8-080346-2800(010)
PROJECT NUMBER: 8-0346; 8-0346 C1; 8-0346 C2
PROJECT DURATION: Start Date 12 Feb 68; End Date 11 Jun 70
FY FUNDING: FY68-$174,522 12-Feb-68 to 11-Apr-69; FY69-$97,195 12-Apr-69 to 11-May-70; FY70-$6,098 12-May-70 to 11-Jun-70
TOTAL PROJECT DOLLARS: $277,815
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Directories, *Education Service Centers, *Evaluation Criteria, *Federal Programs, *Information Centers, *Institutes (Training Programs), Instructional Materials, Library Collections, Library Services, Questionnaires, Surveys
IDENTIFIERS: *Directory Educational Information Services Centers, *Educational Resources Information Center, ERIC

To compile a Directory of Educational Information Services Centers and to evaluate the Office of Education sponsored summer institutes attended by personnel of the centers, questionnaires were

tions and agencies. From among the 79% responding, approximately 400 centers were identified for inclusion in the directory, including Title III ESEA Projects, State Departments of Education, Research Coordinating Units for Vocational and Technical Education, Special Education Instructional Materials Centers, R&D Centers, and USOE Regional Offices. Selection criteria were based on the holdings (collections) and services performed. Direct loan, reference, bibliography compilation, review preparation, and reproduction were the most commonly offered services reported. Collections of professional and instructional materials were usually under 1,000 volumes; a majority of selected centers indicated they had collections of some ERIC materials. The evaluation of the OE-sponsored institutes showed that each institute was successful in providing attendees with a general orientation to the operations of an information center. In addition to the orientation-type institute, it was recommended that an additional series of programs be developed, which would be directed toward more specific skills or problem areas (e.g., indexing and abstracting, dissemination techniques and the use of ERIC

BIBLIOGRAPHY:

1. System Development Corporation. Reference manual for educational information service centers. Falls Church, VA; 1968; Contract #OEC-0-8-080346-2800; Project #8-0346; Report #TM-WD-521/000.01. 124p.

2. System Development Corporation. Guide to reference manual for educational information service centers. Falls Church, VA; 1968 June 28; Contract #OEC-0-8-080346-2800; Project #8-0346; Report #TM-WD-522/000/01. 19p.

3. Sherman, C. Neil [and others]. The educational information center: an introduction. Falls Church, VA: System Development Corporation; 1969 March 17; Contract #OEC-0-8-080346-2800; Project #8-0346; Report #TM-WD-521/000/03. 151p.

4. Sherman, C. Neil [and others]. An investigation, analysis, and evaluation of activities connected with the operation of educational information service centers. Final report. Falls Church, VA: System Development Corporation; 1969 April 11; Contract #OEC-0-8-080346-2800; Project #8-0346; Report #TM-WD-1340. 41p. Available from: EDRS; ED 027 928.

5. Sherman, C. Neil [and others]. The educational information center: an introduction. Los Angeles; Tinnon-Brown, Inc.; 1969. 147p.

6. Office of Education, Department of Health, Education and Welfare. Directory of educational information centers. Washington: Government Printing Office; 1969. 118p. GPO: FS 5.212:12042.

7. Sherman, C. Neil [and others]. A program to provide for increased communication among educational information centers. Final report. Falls Church, VA: System Development Corporation; 1970 June 12; Contract #OEC-0-8-080346-2800 (amended); Project #8-0346; Report #TM-WD-351/000/00. 251p. Available from: EDRS; ED 041 599.

PR-0510

INSTITUTION: National Book Committee, Inc., New York, N.Y.
ADDRESS: One Park Avenue, New York, New York 10016
PRINCIPAL INVESTIGATOR: Heidbreder, Ann; Rowell, John
TITLE: The Organization and Operation of Educational Resources Selection Centers: Identification and Analysis of Current Practices and Guidelines for Model Centers.
CONTRACT NUMBER: OEC-0-8-08515-4438(095)
PROJECT NUMBER: 8-0515; 8-0515 C
PROJECT DURATION: Start Date 24 Jun 68; End Date 15 Jun 71
FY FUNDING: FY68-$227,767 24-Jun-68 to 30-Jan-70; FY70-$72,244 01-Feb-70 to 15-Jun-71
TOTAL PROJECT DOLLARS: $300,011
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *Audiovisual Centers, *Educational Resources, Elementary Schools, Facility Guidelines, *Instructional Materials Centers, Instructional Media, Libraries, Library Services, *Media Resource Centers, Resource Materials, Secondary Schools, Statistical Data

Efforts to improve the evaluation, selection, and use of library and classroom instructional media by students and teachers were made in this two-phase program. In Phase I, a survey was made of facilities and programs at the state, regional, and local levels that introduce teachers, librarians, and other professionals to the wide range of media that exist to support education in elementary and secondary schools. About 2,200 questionnaires were sent to all identifiable facilities, and on the basis of information obtained, 440 were followed up with a more comprehensive questionnaire. After analyzing the returns, 38 centers were evaluated by on-site visits. Phase II of the program was devoted to the preparation of a Guide to the Development of Educational Media Selection Centers. Twenty-five experts in various fields made contributions to the guide. The primary finding from analysis of both the qualitative and quantitative data of Phase I was that very few educational media selection centers exist as originally described. Many centers have components of successful programs. There was a need for the establishment of more centers, for better communication programs, for more adequate financial bases, and for less duplication of effort, especially in the areas of evaluating and selecting media.

BIBLIOGRAPHY:

1. Rowell, John; Heidbreder, M. Ann. The organization and operation of educational media selection centers: identification and analysis of current practices and guidelines for model center. Interim report phase I. New York, NY: National Book Committee; 1970 January 30; Contract #OEC-0-8-08515-4438 EDRS; ED 036 201.

2. Rowell, John; Heidbreder, M. Ann. Educational media selection centers: Studies in Librarianship #1. Available from: American Library Association, Chicago, IL. ISBN: 8389-0088-7; (ED 050 545).

3. Bomar, Cora Paul [and others]. The organization and operation of educational media selection centers: guide to the development of educational media selection centers. Final report phase II. New York, NY: National Book Committee; 1972 November 10; Contract #OEC-0-8-08515-4438 (095); Project #8-0515. 164p.

4. Bomar, Cora Paul [and others]. Guide to the development of educational media selection centers. Chicago: American Library Association; 1973. 112p. Available from: American Library Association, Chicago, IL. ISBN: 8389-0123-9.

PR-0520

INSTITUTION: Philadelphia School District, Pa.
ADDRESS: Parkway at 21st Street, Philadelphia, Pennsylvania 10103
PRINCIPAL INVESTIGATOR: Benford, John Q.
TITLE: Student Library Resource Requirements in Philadelphia: Phase 1.
GRANT NUMBER: OEG-0-8-080519-4594
PROJECT NUMBER: 8-0519; 8-0519 C1; 8-0519 C2; 8-0519 C3; L0002JA; R08-0519 D; R08-0519 E
PROJECT DURATION: Start Date 15 Jun 68; End Date 30 Jun 75
FY FUNDING: FY68-$97,350 15-Jun-68 to 14-Jun-69; FY69-$133,300 15-Jun-69 to 14-Jun-70; FY70-$211,989 15-Jun-70 to 14-Jun-71; FY71-$400,000 15-Jun-71 to 14-Jun-72; FY72-$396,728 15-Jun-72 to 14-Jun-73; FY73-$303,500 15-Jun-73 to 15-Feb-74; FY74-$119,300 01-Jul-74 to 30-Jun-75
TOTAL PROJECT DOLLARS: $1,662,167
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *Action Programs (Community), Community Involvement, Community Service Programs, Cooperative Planning, Data Collection, *Demonstration Centers, Elementary School Students, *Facility Planning, Inner City, Instructional Materials Centers, Instructional Media, *Library Materials, Library Research,

IDENTIFIERS: *Action Library Demonstration Center, Pennsylvania (Philadelphia)

To determine actual requirements for library and related resources on the part of elementary and secondary students in Philadelphia, and on the basis of these data to outline the respective roles of the several school systems and the public library in providing the needed resources, a four-phase project was carried out. Phase I was devoted to the research design and the design and testing of data-gathering instruments. The activity in Phase II centered on the determination of student library resource requirements, the evaluation of existing library resources, and the outline of the respective roles of the several school systems and the public library system in providing needed resources. Phase III encompassed a demonstration to test and establish effective mechanisms for joint planning by the public, parochial, and private schools, the Free Library, and the residents of an inner-city community. This planning concentrated on the design of a specific demonstration in the inner-city of an innovative community-based program of media services and learning materials for students. Phase IV focused on the establishment, operation, and evaluation of a student learning center and on the expansion of the interagency planning mechanism into other areas of high priority need. The Action Library Demonstration Center that resulted from the project was designed to effect maximum impact on inner-city student library needs, attitudes, and skills. A set of 73 product, process, and management objectives were developed. The project clearly demonstrated the effectiveness of interagency collaboration in planning, establishing, and operating the Action Library Demonstration Center.

BIBLIOGRAPHY:

1. Benford, John Q. Philadelphia student library resource requirements project. Phase 1 pretests--May 1969, data-gathering instruments and pretest materials. Progress report covering phase I, attachment A. Philadelphia, PA: School District of Philadelphia; 1969 May; Grant #OEG-0-8-080519-4594; Project #8-0519. 105p. Available from: EDRS; ED 031 611.

2. Benford, John Q. Student library resource requirements in Philadelphia. Phase I--design and pretests. Progress report covering phase I, June 15, 1968-July 14, 1969. Philadelphia, PA: School District of Philadelphia; 1969 September; Grant #OEG-0-8-080519-4594; Project #8-0519. 72p. Available from: EDRS; ED 031 610.

3. Benford, John Q. Student library resource requirements in Philadelphia, phase III. Progress report covering phase III, June 15, 1970-June 14, 1971. Philadelphia, PA: School District of Philadelphia; 1971 June; Grant #OEG-0-8-080519-4594(095); Project #8-0519. 20p. Available from: EDRS; ED 057 830.

4. Benford, John Q. Student library resource requirements in Philadelphia; supplement: selected materials covering planning activities leading to the concept and outline of a student learning center demonstration. Philadelphia, PA: School District of Philadelphia; 1971 June; Grant #OEG-0-8-080519-4594(095); Project #8-0519. 89p. Available from: EDRS; ED 057 831.

5. Benford, John Q. Student library resource requirements in Philadelphia, phase IV. Progress report covering phase IV, June 15, 1971-December 14, 1971. Philadelphia, PA: School District of Philadelphia; 1972 February; Grant #OEG-0-8-080519-4594(095); Project #8-0519. 16p. Available from: EDRS; ED 060 884.

6. Benford, John Q. Student library resource requirements in Philadelphia; supplement to progress report covering phase IV, June 15, 1971-December 14, 1971. Philadelphia, PA: School District of Philadelphia; 1972 February; Grant #OEG-0-8-080519-4594(095); Project #8-0519. 198p. Available from: EDRS; ED 060 885.

7. Benford, John Q. Student library resource requirements in Philadelphia. Annual report, phase IV, June 15, 1971-June 30, 1972. Philadelphia, PA: School District of Philadelphia; 1972 September; Grant #OEG-0-8-080519-4594(095) and #OEG-3-71-0133; Projects #8-0519 and #71-7602. 77p. Available from EDRS; ED 069 293.

PR-0530

INSTITUTION: Syracuse Univ., N.Y.

PRINCIPAL INVESTIGATOR: Atherton, Pauline

TITLE: Development of a Computer-Based Laboratory Program for Library Science Students Using L.C./MARC Tapes.

GRANT NUMBER: OEG-0-8-080664-4400(095)

PROJECT NUMBER: 8-0664

PROJECT DURATION: Start Date 24 Jun 68; End Date 23 Dec 69

FY FUNDING: FY68-$104,480 24-Jun-68 to 23-Dec-69

TOTAL PROJECT DOLLARS: $104,480

PROJECT CATEGORY: Technology

DESCRIPTORS: Bibliographies, Cataloging, Computer Assisted Instruction, *Computer Based Laboratories, *Computer Programs, Data Bases, Data Processing, Information Retrieval, *Library Education, *Library Technical Processes, *Magnetic Tapes

IDENTIFIERS: LEEP, *Library Education Experimental Project, Library of Congress, Machine Readable Cataloging, MARC, Syracuse University

The Library Education Experimental Project (LEEP) involved the establishment of a computer-based laboratory for library science students, utilizing the Library of Congress MARC (Machine-Readable Cataloging) magnetic tapes and other data, at Syracuse University. By the end of the grant period, over 250 students and 12 faculty members had used the laboratory for course work in cataloging, reference, bibliography, technical services, and information systems. The LEEP staff prepared retrieval programs, which were placed in auxiliary storage along with data bases. Students were instructed in the use of various equipment, including keypunches and the IBM 360/20 computer. A drawback to the program systems used was that they were operable in the batch mode of computer processing. It was recommended that any future expansion of the idea of a MARC laboratory in a library school should feature the implementation of on-line, interactive retrieval facilities. It was further recommended that an information retrieval language that is meaningful to librarians/information scientists should be developed.

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1.Atherton, Pauline; Wyman, John. Searching MARC project tapes using IBM/document processing system. Syracuse, NY: Syracuse University, School of Library Science; 1969 May; Report #69-6. 11p.

2. Atherton, Pauline; Wyman, John. Searching MARC project tapes using IBM/document processing system. Proceedings of the American Society for Information Science; Westport, CT: Greenwood Publishing Corporation; 1969: 83-88. (Vol. 6).

3. Atherton, Pauline. Development of a computer-based laboratory for library science students using the LC/MARC tapes. Final report. Syracuse, NY: Syracuse University, School of Library Science; 1970 January; Grant #OEG-0-8-080664-4400(095); Project #8-0664. 51p. Available from: EDRS; ED 037 224.

4. Atherton, Pauline; Tessier, Judy. Teaching with MARC tapes. Journal of Library Automation; 1970 March; 3(1): 24-35.

PR-0540

INSTITUTION: Catholic Univ. of America, Washington, D.C.

ADDRESS: 620 Michigan Avenue, N.E., Washington, D.C. 20017

PRINCIPAL INVESTIGATOR: Kortendick, James J.; Stone, Elizabeth W.

TITLE: Post-Master's Education for Middle- and Upper-Level Personnel in Library and Information Centers.

GRANT NUMBER: OEG-0-8-080731-4604(506)

PROJECT NUMBER: 8-0731; 8-0731 C; R02-1020

PROJECT DURATION: Start Date 15 Jun 68; End Date 30 Aug 72

FY FUNDING: FY68-$78,822 15-Jun-68 to 16-Dec-69; FY70-$69,752 27-Mar-70 to 27-Sep-71; FY72-$2,500 30-Jun-72 to 30-Aug-72

TOTAL PROJECT DOLLARS: $151,074

PROJECT CATEGORY: Education and Training

tional Needs, Government Libraries, Human Relations, Instructional Materials, Interviews, Job Analysis, Librarians, Library Administration, Library Automation, *Library Education, Library Research, *Library Surveys, Models, *Professional Continuing Education, Questionnaires, Relevance (Education), Simulation, Special Libraries, Systems Approach, Teaching Guides
IDENTIFIERS: *Post Masters Education

To accelerate the quantity and quality of needed additional training of library personnel who have MLS degrees, a program of research and development was carried out in three phases. In Phase I, an assessment of job dimensions and educational needs of middle- and upper-level personnel in libraries was made, based on a survey of Federal librarians, Grades GS 9 through 14, who held a graduate degree in Library Science. Phase II involved the development of packaged models for needed courses in a Post-MLS one-year specialization program, using systems, interdisciplinary, and multimedia approaches to educational planning. The final phase III concentrated on the technical development of three teaching manuals. The results of Phase I, based on questionnaire responses and interviews, indicated the areas of training most needed (administration and automation), as well as the specific courses for which there was the greatest demand within these areas. The courses developed in Phase II were: Course I: The Governmental Library Simulation for the Study of Administration of a Special Library–Part 1: The Federal Library Model; Part 2: Participant's Resource Log; Part 3; Director's Guide; Course II: Human Resources in the Library System–Study Guide; Leader's Handbook, Part I: Designs for Learning; Part 2: Aids, Vol. 1 and Vol. 2; and Course III: Application of Computer Technology to Library Processes–Syllabus; and Teacher's Guide. The concluding Phase III produced the teaching manual's developed in Phase II.

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2. Kortendick, James J.; Stone, Elizabeth W. Post-master's education for middle- and upper-level personnel in libraries and information centers. Final report, phase I. Washington, DC: Catholic University of America, Department of Library Science; 1970 March; Grant #OEG-0-8-080731-4604(095); Project #8-0731. 542p. Available from: EDRS; ED 038 985.

3. Zachert, Martha Jane K. The governmental library simulation for the study of administration of a special library. Course 1, part 1: the federal library model. Final report, phase II, post-master's education for middle- and upper-level personnel in libraries and information centers. Washington, DC: Catholic University of America, Department of Library Science; 1971 September; Grant #OEG-0-8-080731-4604(095); Project #8-0731. 50p. Available from: EDRS; ED 107 204.

4. Zachert, Martha Jane K. The governmental library simulation for the study of administration of a special library. Course 1, part 2: participant's resource-log. Final report, phase II, post-master's education for middle- and upper-level personnel in libraries and information centers. Washington, DC: Catholic University of America, Department of Library Science; 1971 September; Grant #OEG-0-8-080731-4604(095); Project #8-0731. 91p. Available from EDRS; ED 107 205.

5. Zachert, Martha Jane K. The governmental library simulation for the study of administration of a special library. Course 1, part 3: director's guide. Final report, phase II, post-master's education for middle- and upper-level personnel in libraries and information centers. Washington, DC: Catholic University of America, Department of Library Science; 1971 September; Grant #OEG-0-8-080731-4604(095); Project #8-0731. 160p. Available from: EDRS; ED 107 206.

6. Becker, Joseph; Pulsifer, Josephine S. Application of computer technology to library processes. Course 3, teacher's guide. Final report, phase II, post-master's education for middle- and upper-level personnel in libraries and information centers. Washington, DC: Catholic University of America, Department of Library Science; 1971 September; Grant #OEG-0-8-080731-4604(095); Project #8-0731. 112p. Available from: EDRS; ED 111 414.

7. Goodman, Charles H.; Stone, Elizabeth W. Human resources in the library system. Course 2, leader's handbook, part 1: designs for learning. Final report, phase II, post-master's education for middle- and upper-level personnel in libraries and information centers. Washington, DC: Catholic University of America, Department of Library Science; 1971 September; Grant OEG-0-8-080731-4604(095); Project #8-0731. 291p. Available from: EDRS; ED 111 415.

8. Goodman, Charles H.; Stone, Elizabeth W. Human resources in the library system. Course 2, study guide. Final report, phase II, post-master's education for middle- and upper-level personnel in libraries and information centers. Washington, DC: Catholic University of America, Department of Library Science; 1971 September; Grant #OEG-0-8-080731-4604(095); Project #8-0731. 283p. Available from: EDRS; ED 111 416.

9. Goodman, Charles H.; Stone, Elizabeth W. Human resources in the library system. Course 2, leader's handbook, part 2: aids (volume 1). Final report, phase II, post-master's education for middle- and upper-level personnel in libraries and information centers. Washington, DC: Catholic University of America, Department of Library Science; 1971 September; Grant #OEG-0-8-080731-4604(095); Project #8-0731. 318p. Available from: EDRS; ED 111 417.

10. Goodman, Charles H.; Stone, Elizabeth W. Human resources in the library system. Course 2, leader's handbook, part 2: aids (volume 2). Final report, phase II, post-master's education for middle- and upper-level personnel in libraries and information centers. Washington, DC: Catholic University of America, Department of Library Science; 1971 September; Grant #OEG-0-8-080731-4604(095); Project #8-0731. 245p. Available from: EDRS; ED 111 418.

11. Kortendick, James J.; Stone, Elizabeth W. Job dimensions and educational needs in librarianship. Chicago: American Librarian Association; 1971. 510p.

12. Becker, Joseph; Pulsifer, Josephine S. Application of computer technology to library processes. Metuchen, NJ: The Scarecrow Press; 1973. 181p.

PR-0550
INSTITUTION: Association of Research Libraries, Washington, D.C.
ADDRESS: 1527 New Hampshire Avenue, N.W., Washington, D.C. 20036
PRINCIPAL INVESTIGATOR: Holmes, Donald C.
TITLE: Determination of User Needs and Future Requirements for a Systems Approach to Microform Technology.
CONTRACT NUMBER: OEC-0-8-080786-4612(095)
PROJECT NUMBER: 8-0786; 8-0786 C1; 8-0786 C2
PROJECT DURATION: Start Date 27 Jun 68; End Date 31 May 72
FY FUNDING: FY68-$25,000 27-Jun-68 to 27-Jun-69; FY69-$77,658 28-Jun-69 to 28-Jun-70; FY70-$33,645 29-Jun-70 to 31-May-72
TOTAL PROJECT DOLLARS: $136,303
PROJECT CATEGORY: Technology
DESCRIPTORS: *Cataloging, *Facility Guidelines, Guides, Interviews, *Library Facilities, Library Surveys, *Microforms, Problem Solving, Reference Materials, *Use Studies
IDENTIFIERS: *National Microform Agency

Interview data gathered as to the most pressing problems related to microform usage of library administrators, librarians, faculty members, researchers, students, microform publishers, and personnel of institutions in which microforms are used extensively pointed to two problem areas. These were (1) the determination of appropriate environmental conditions for all aspects of microform use, and (2) the need for guidelines for the bibliographic control of microforms. In addition, the determination of the administrative and functional characteristics of a national microform agency was considered as a corollary to the two problem areas. Guidelines for selected aspects of the environment affecting the use of microforms were developed as a solution to problem 1. Environmental factors considered included those related to the convenience and comfort of the readers and the custodianship of the materials. A guide to microform bibliographies was prepared to alleviate problem 2. A national microform agency can develop methods and procedures for testing microform products;

nate microform publishing programs; and both sponsor and perform research leading to the development and improvement of standards and specifications for microforms and microform equipment.

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1. Holmes, Donald C. Determination of user needs and future requirements for a systems approach to microform technology. Washington, DC: Association of Research Libraries; 1969 July 19; Contract #OEC-0-8-080786-4612; Project #8-0786. 41p. Available from: EDRS; ED 028 168.

2. Holmes, Donald C. Determination of the environmental conditions required in a library for the effective utilization of microforms. Interim report. Washington, DC: Association of Research Libraries; 1970 November; Contract #OEC-0-8-080786-4612(095); Project #8-0786-1. 50p. Available from: EDRS; ED 046 403.

3. Reichman, Felix; Tharpe, Josephine M. Determination of an effective system of bibliographic control of microform publications. Interim report. Washington, DC: Association of Research Libraries; 1970 November; Contract #OEC-0-8-080786-4612(095); Project #8-0786-1. 51p. Available from: EDRS; ED 046 404.

4. Miller, Edward A. Determination of the administrative and functional characteristics of a national microform agency. Final report. Washington, DC: Association of Research Libraries; 1972 May. 32p.

5. Reichmann, Felix; Tharpe, Josephine H. Bibliographic control of microforms. Westport, CT: Greenwood Press, Inc.; 1972. 261p.

PR-0560

INSTITUTION: Pennsylvania Univ., Philadelphia. Wharton School of Finance and Commerce.

ADDRESS: 3451 Walnut Street, Philadelphia, Pennsylvania 19104

PRINCIPAL INVESTIGATOR: Hamburg, Morris

TITLE: A Systems Analysis of Library and Information Science Statistical Data.

GRANT NUMBER: OEG-0-8-080802-4687(095)

PROJECT NUMBER: 8-0802; 8-0802 C1; 8-0802 C2; R08-0802 C

PROJECT DURATION: Start Date 28 Jun 68; End Date 31 Jan 74

FY FUNDING: FY68-$50,098 28-Jun-68 to 28-May-69; FY69-$80,000 29-May-69 to 31-May-70; FY70-$104,232 31-May-70 to 31-May-71; FY72-$3,000 28-Jun-72 to 31-Jan-74

TOTAL PROJECT DOLLARS: $237,330

PROJECT CATEGORY: Technology

DESCRIPTORS: Cost Effectiveness, Decision Making, Feasibility Studies, Information Systems, Input Output Analysis, *Library Administration, Library Planning, Library Research, *Management Information Systems, Models, *Public Libraries, Reliability, Research Design, Research Reviews (Publications), Statistical Data, Summative Evaluation, Systems Analysis, *Systems Development, *University Libraries

A project to develop a management information system that provides data and information necessary to the effective management of large metropolitan public libraries and university libraries was carried out in two stages–the Preliminary Study, and the Research Investigation. An additional task was the improvement of the project publications. The Preliminary Study focused on (1) the background research required to determine the nature and relevance of previous and ongoing research in this area, and (2) the design of the Research Investigation. The Research Investigation involved (1) the development of a management model as a planning and decision-making tool for librarians and administrators, (2) specification of basic information requirements for effective library management, (3) specification of the nature of a management information systems for a large public library and a university library, (4) tests of the feasibility, stability, and effectiveness of the management information system, and (5) extension of the management information system to library systems, networks, and other cooperative arrangements among libraries. To accomplish the Research Investigation design, the Preliminary Study included a literature search and intensive review of relevant research, interviews with librarians and with officials of library associations, government officials, and university researchers, as well as other approach was used. Library objectives, standards, and performance criteria were examined, and a framework for planning and decision making was created, classifying all library activities into 17 functions and isolating the inputs and outputs of each. Quantitative models were classified according to their application to library decisions and functions. A model management information system was designed that does not depend upon the use of PPBS or any other particular managerial planning and budgeting structure. Tests of the system showed it to be feasible, stable, and effective.

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1. Hamburg. Morris [and others]. A systems analysis of the library and information science statistical data system: the preliminary study. Interim report. Philadelphia, PA: University of Pennsylvania, Wharton School of Finance and Commerce; 1969 July; Grant #OEG-0-8-080802-4687(095); Project #8-0802. 55p. Available from: EDRS; ED 035 421.

2. Hamburg, Morris [and others]. The development of a statistical information system for university and large public libraries. Reprint from Business and Economic Statistical Section, Proceedings of the American Statistical Association; 1970. 10p.

3. Hamburg, Morris [and others]. Library objectives and performance measures and their use in decision making. Annual conference on Operations Research: Implications for Libraries (35th) of University of Chicago Graduate Library School; 1971 August. 42p.

4. Bommer, Michael R. W. The development of a management system for effective decision making and planning in a university library. Supplement to final report. Philadelphia, PA: University of Pennsylvania, Wharton School of Finance and Commerce; 1972 December; Grant #OEG-0-8-080802-4687(095); Project #8-0802. 344p. Available from: EDRS; ED 071 727.

5. Hamburg, Morris [and others]. Library planning and decision-making systems. Final report. Philadelphia, PA: University of Pennsylvania, Wharton School of Finance and Commerce; 1972 December; Grant #OEG-0-8-080802-4687(095); Project #8-0802. 430p.

6. Whitfield, Ronald M. The efficient allocation of resources by the state to systems of public libraries. Supplement to final report. Philadelphia, PA: University of Pennsylvania, Wharton School of Finance and Commerce; 1974 May; Grant #OEG-0-8-0802-4687(095); Project #8-0802. 231p. Available from: EDRS; ED 093 263.

7. Hamburg, Morris [and others]. Library planning and decision-making systems. Cambridge, MA: MIT Press; 1974. 287p.(ED 093 333).

PR-0570

INSTITUTION: Denver Univ., Colo.

ADDRESS: University Park, Denver, Colorado 80210

PRINCIPAL INVESTIGATOR: Kottenstette, James P.

TITLE: Study of the Characteristics of Ultramicrofiche and Its Application to Colleges and Universities.

CONTRACT NUMBER: OEC-0-8-080826-4648(095)

PROJECT NUMBER: 8-0826; 8-0826 C

PROJECT DURATION: Start Date 39 Jun 68; End Date 30 Apr 71

FY FUNDING: FY68-$127,395 30-Jun-68 to 30-Jun-69; FY70-$107,999 01-Jul-69 to 30-Apr-71

TOTAL PROJECT DOLLARS: $235,394

PROJECT CATEGORY: Technology

DESCRIPTORS: *Academic Achievement, *College Students, Comparative Analysis, Equipment Evaluation, Graduate Students, Information Science, *Instructional Aids, Instructional Materials, Library Materials, *Microfiche, Microform Readers, Psychology, Standards, Student Reaction, Student Testing, *Use Studies

The use of ultramicrofiche by college and university students was investigated in two separate studies to aid in determining the optimal criteria for the establishment of standards. In the first study, "Student Use of Classroom Microform in Support of a Survey Course," the assigned readings for a graduate survey course were microformed and made available to 11 students, together with microform readers for home use. The microform use patterns and classroom performance of these students were determined and compared with the information acquisition patterns and performance of a control group.

The second study, "Student Use of Classroom Microform in Support of a Content Course," utilized microforms of material for an undergraduate course in psychology. The material was made available in hard copy and in microfiche. Microform use patterns were compared with hard copy use patterns over the 10 weeks of the course. Results of the first study showed that the overall student response to the microform system was positive; microforms were used continuously by students over the entire period. Student performance tests indicated that microform presentation did not interfere with the acquisition of basic factual information. The over-all student response to the microform system was positive. The major result of the second study was the determination that microforms can be used to support a course that requires information to be abstracted and retained by the student in order to pass the course. The additional demands made by the machine presentation offset the value of the complete information unit for some students. Physical fatigue and eye fatigue were the most common student compliants about the microform readers.

BIBLIOGRAPHY:

1. Kottenstette, James P. An investigation of the characteristics of ultrafiche and its application to colleges and universities. Interim report. Denver, CO: University of Denver, Denver Research Institute; 1969 August 31; Contract #OEC-0-8-080826-4648; Project #8-0826. 230p. Available from: EDRS; ED 032 447.

2. Kottenstette, James P. Student reading characteristics: comparing skill-levels demonstrated on hardcopy and microform presentations. Proceedings of the American Society for Information Science; 1969. (Vol. 7)

3. Morrison, Alta Bradley, ed. Conference on microform utilization: the academic library environment; 1970 December 7-9; Denver, CO; Denver: University of Denver; 1971 April; Contract #OEC-0-8-080826-4648(095); Project #8-0826: 241p. Available from: EDRS; ED 048 901.

4. Grausnick, Robert; Kottenstette, James P. An investigation of the environment for educational microform utilization. Phase I, "student use of classroom microform in support of a survey course." Final phase report. Denver, CO: University of Denver, Denver Research Institute; 1971 April 30; Contract #OEC-0-8-080826-4648(095); Project #8-0826. 45p. Available from: EDRS; ED 050 602.

5. Kottenstette, James P.; Daily, K. Anne. An investigation of the environment for educational microform utilization. Phase II, "student use of classroom microform in support of a content course." Final phase report. Denver, CO: University of Denver, Denver Research Institute; 1971 April 30; Contract #OEC-0-8-080826-4648(095); Project #8-0826. 89p. Available from: EDRS; ED 050 603.

6. Grausnick, R. R.; Kottenstette, J. P. A performance evaluation: microfiche versus hardcopy. Lowry Air Force Base, CO: Air Force Human Resources Laboratory; 1971 May; Report #AFHRL-TR-71-42. Available from: NTIS, Springfield, VA; AD 734-740.

7. Grausnick, R. R. [and others]. Microform use in a technical training environment: an experiment. Lowry Air Force Base, CO: Air Force Human Resources Laboratory; 1971 May; Report #AFHRL-TR-71-43. Available from: NTIS, Springfield, VA; AD 733-686.

8. Kottenstette, J. P. [and others]. A guide to instructional uses of microform. Lowry Air Force Base, CO: Air Force Human Resources Laboratory; 1971 May; Report #AFHRL-TR-71-44. Available from: NTIS, Springfield, VA; AD 734-741.

9. Kottenstette, James P. Testing student reactions to educational microform: many problems -- a few answers. Journal of Micrographics; 1971; 4(2): 73-79.

PR-0580

INSTITUTION: System Development Corp., Santa Monica, Calif.
ADDRESS: 2500 Colorado Avenue, Santa Monica, California 90406
PRINCIPAL INVESTIGATOR: Mersel, Jules
TITLE: An Overview of the Library Services and Construction Act - Title I.
CONTRACT NUMBER: OEC-0-8-089027-4475(095)
PROJECT NUMBER: 8-9027
PROJECT DURATION: Start Date 20 Jun 68; End Date 20 Mar 69
FY FUNDING: FY68-$104,521 20-Jun-68 to 20-Mar-69
TOTAL PROJECT DOLLARS: $104,521
PROJECT CATEGORY: Planning and development
DESCRIPTORS: Data Analysis, Data Collection, *Federal Aid, Federal Legislation, Federal Programs, Federal State Relationship, Interviews, Library Research, *Library Services, *Public Libraries, Research Methodology, *Resource Allocations, State Agencies, *State Libraries
IDENTIFIERS: *Library Services and Construction Act

Using a case-study approach, the impact of Federal Library Services and Construction Act–Title I funds on the development and expansion of public-library services in the programs of 11 states was analyzed. The analysis was carried out in nine interrelated tasks: (1) methodological issues and constraints were analyzed; (2) information required was specified; (3) initial selective interviews were conducted; (4) a comprehensive review of relevant documentation was performed; (5) potential information sources were identified, and access to [illegible] was arranged; (6) tools required to collect information efficiently were developed; (7) extensive on-site interviews and data-collection activities were conducted in the 11 states; (8) the data obtained were subjected to a systematic and comprehensive analysis; (9) a comprehensive report was prepared. From the results of the study, it was concluded that the State library agencies, which determined how the funds were spent in each state, had been sensitive to both the needs and the economic, geographical, and political environments of their states. The magnitude of the effect of Federal funds varied, however, according to the level of public-library development that each state had achieved prior to the availability of Federal funds. The study also revealed that the quality of public library services in general was a function of three factors: total funding, the number of trained personnel, and membership in library system or networks. Although not specifically studied, an examination of LSCA documents in State and Federal files indicated that the USOE's Division of Library Services and Educational Facilities had been effective in ensuring that the states' use of LSCA funds had been in accordance with the intent of the Act. Study recommendations were: (1) that the formula by which LSCA funds were allocated to the states be revised to reflect more realistically State and local attitudes toward public-library service, and (2) that the USOE assume national leadership in the development of research, professional training, and interlibrary coordination programs.

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1. Mersel, Jules [and others]. An overview of the Library Services and Construction Act - Title I. Santa Monica, CA: System Development Corporation; 1969 March 20; Contract #OEC-0-8-089027-4475(095); Project #8-9027. 374p. Available from: EDRS; ED 024 851.

2. Mersel, Jules [and others]. An overview of the Library Services and Construction Act - Title I. New York: R. R. Bowker Company; 1969. 382p.

PR-0590

INSTITUTION: Information Dynamics Corp., Bethesda, Md.
ADDRESS: 4720 Montgomery Lane, Bethesda, Maryland 20014
PRINCIPAL INVESTIGATOR: Albertini, John A.
TITLE: Study of the Development and Present Status of Automated Techniques and Procedures in Federal Libraries and Documentation Centers.
CONTRACT NUMBER: OEC-0-8-089031-4627(095)
PROJECT NUMBER: 8-9031
PROJECT DURATION: Start Date 28 Jun 68; End Date 27 Jun 69
FY FUNDING: FY68-$74,044 28-Jun-68 to 27-Jun-69
TOTAL PROJECT DOLLARS: $74,044
PROJECT CATEGORY: Technology
DESCRIPTORS: *Administrative Personnel, Computer Science, *Government Libraries, *Guides, Information Centers, Interviews, *Library Automation, Library Research, *Library Surveys, *Library Technicians, Operations Research, Systems Development

To establish patterns in past library-automation-development activities within the Federal Government as an aid in a generalized system design for computerized library operations, interviews were held with over 50 administrative and technical personnel in Federal libraries. Two interview guides were utilized, and information was compiled on 28 Federal libraries and information centers. The guide for administrative personnel interviews contained five steps: (1) determination of the details of the agency's mission and organizational structure, (2) establishment of the administrative relationships of the agency, (3) determination of the responsibilities of the agency as to information activities, (4) characterization of the agency's planning processes and their effect on information activities, and (5) identification of future plans. The technical personnel interview guide consisted of six steps: (1) characterization of internal library organization, staffing, and budgeting, (2) determination of present and past relationships of the library with management, computer personnel, and users, (3) description of the library's current operations and collection, (4) characterization of operational problems, the planning process, and system development, (5) identification of future plans, and (6) the eliciting of general remarks and comments on library automation. From the interviews, pictures of both the technical and administrative parts of library operation were developed. Using these pictures, a composite overview was made of technological movements within the Federal government toward library automation and the forces that acted as constraints on such movements. There were few strongly cohesive trends in automation among the library and information activities of specific agencies. However, the development of generic automated systems with broad parametric application to both technical and administrative considerations appeared to be possible.

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1. Information Dynamics Corporation. Development trends in federal library and information center automation. Final report. Bethesda, MD; 1969 June; Contract #OEC-0-8-089031-4627(095); Project #8-9031. 429p. Available from: EDRS; ED 030 773.

2. Information Dynamics Corporation. Development trends in federal library and information center automation. Guides for administrative and technical interviews. Bethesda, MD; Contract #OEC-0-089031-4627(092); Project #8-9031. 90p. Available from: EDRS; ED 026 096.

PR-0600

INSTITUTION: Case Western Reserve Univ., Cleveland, Ohio.
ADDRESS: 10900 Euclid Avenue, Cleveland, Ohio 44106
PRINCIPAL INVESTIGATOR: Goheen, Patricia A.
TITLE: A Systems Approach to the Individualization of Library Science Instruction.
GRANT NUMBER: OEG-5-9-455162-0020(095)
PROJECT NUMBER: 8-E-162
PROJECT DURATION: Start Date 1 Feb 69; End Date 31 Jul 70
FY FUNDING: FY69-$2,811 01-Feb-69 to 31-Jul-70
TOTAL PROJECT DOLLARS: $2,811
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Academic Achievement, *College Instruction, Comparative Analysis, Control Groups, Educational Experiments, Experimental Groups, *Homework, *Individualized Instruction, *Library Instruction, Library Science, *School Study Centers, Student Attitudes, Study Facilities, Systems Approach, Time Factors (Learning), Undergraduate Study
IDENTIFIERS: *Learning Station

A method for increasing the efficiency, economy, and individualization in the teaching of library science fundamentals was developed utilizing a comparative analysis of two methods of accomplishing homework assignments. The experiment used control groups that performed the assignments in the conventional manner and experimental groups that attended a learning station to accomplish the outside assignments. The material available at the learning station covered basically the same content area as that available to the control groups. The difference was that the learning station provided a format that was designed to clarify the organization and interrelationships of the subject matter, and accommodated student differences by providing several levels or paths. Analysis of the results showed that the experimental groups needed only one-half the time to do their homework as compared with the time needed by the control groups. Significantly more favorable results were obtained in increments of knowledge mastered by the experimental groups and in their attitudes toward the homework. The experimental groups' attitudes toward the learning-station concept of instruction were favorable.

BIBLIOGRAPHY:

1. Goheen, Patricia A. A systems approach to the individualization of library science instruction. Final report. Cleveland, OH: Case Western Reserve University; 1970 December; Grant #OEG-5-9-455162-0020(095); Project #8-E-162. 68p. Available from: EDRS; ED 052 810.

PR-0610

INSTITUTION: R and D Consultants Co., Los Altos, Calif.
ADDRESS: 885 North San Antonio Road, Los Altos, California 94022
PRINCIPAL INVESTIGATOR: Dolby, James L.
TITLE: A Computer-Aided Study of Access Management and Collection Management in Libraries.
CONTRACT NUMBER: OEC-0-9-140548-2791(095)
PROJECT NUMBER: 8-0548
PROJECT DURATION: Start Date 15 Feb 69; End Date 15 Feb 72
FY FUNDING: FY69-$135,000 15-Feb-69 to 15-Feb-72
TOTAL PROJECT DOLLARS: $135,000
PROJECT CATEGORY: Technology
DESCRIPTORS: Catalogs, Computer Science, Indexes (Locaters), *Information Retrieval, *Information Storage, Information Systems, *Library Automation, *Library Collections, Models, Statistical Data, *Systems Development, Use Studies
IDENTIFIERS: *Access Management Systems

A level structured model of library access systems was constructed and compared to operating statistics for various libraries and library stores to determine whether the existing access system was operating at a level consistent with the model. Suggestions were made as to how the then current levels of subject access could be significantly augmented by cumulative book indexes. Attention was also directed to the probability distribution, both for the size of various access systems and for the usage of library materials. The impact of computer-related systems and the associated problems in linguistic data processing as related to library problems were examined.

BIBLIOGRAPHY:

1. Dolby, John L. [and others]. Computerized library catalogs: their growth, cost and utility. Cambridge, MA: MIT Press; 1969. 164p.

2. Resnikoff, H. L.; Dolby, J. L. Archival access. Proceedings of the American Society for Information Science; 1970: 255-264. (Vol. 7).

3. Resnikoff, H. L.; Dolby, J. L. Access: a study of information storage and retrieval with emphasis on library information systems. Interim report. Los Altos, CA: R and D Consultants Company; 1971 May 21; Contract #OEC-0-9-140548-2791(095); Project #8-0548. 225p. Available from: EDRS; ED 050 773.

4. Resnikoff, H. L.; Dolby, J. L. Access: a study of information storage and retrieval with emphasis on library information systems. Final report. Los Altos, CA: R and D Consultants Company; 1972 March; Contract #OEC-0-140548-2791(095); Project #8-0548. 280p. Available from: EDRS; ED 060 921.

PR-0620

INSTITUTION: Michigan Univ., Ann Arbor. School of Library Sciences.
ADDRESS: Ann Arbor, Michigan 48104
PRINCIPAL INVESTIGATOR: Slavens, Thomas P.
TITLE: The Development and Testing of Materials for Computer-Assisted Instruction in the Education of Reference Librarians.

CONTRACT NUMBER: OEC-5-9-320560-0043
PROJECT NUMBER: 8-0560
PROJECT DURATION: Start Date 1 May 69; End Date 30 Apr 70
FY FUNDING: FY69-$68,045 01-May-69 to 30-Apr-70
TOTAL PROJECT DOLLARS: $68,045
PROJECT CATEGORY: Education and Training
DESCRIPTORS: *Autoinstructional Aids, Comparative Analysis, *Computer Assisted Instruction, Instructional Materials, *Librarians, *Library Education, Library Reference Services, Library Research, Linear Programing, *Material Development, Simulated Environment, Student Testing, Test Results
IDENTIFIERS: *Reference Librarians

Three problems in the field of library science concerning the education of reference librarians which this project attempted to solve were: (1) unsatisfactory teaching methods, (2) variation of education and skill among students, and (3) lack of self-instructional materials. The development and testing of computer-assisted instructional materials contributed to the solutions of these problems by making available: (1) a type of education in which reference situations were simulated; (2) an instructional period to evaluate discrimination and performance, and (3) easily revised self-instructional materials. The purpose of these materials was to help the library science students at the master's level become acquainted with a wide spectrum of representative reference materials and to learn to use these in meeting the information needs of the library patrons. To accomplish these objectives, 167 reference work annotations and 850 questions dealing with these tools were compiled and organized into a linear program. The exercises were coded into File Oriented Interpretative Language, entered into the computer, and tried out with 58 people. At the same time, reference interviews in libraries were monitored and recorded for use as simulated studies. In these situations, the computer acts as the patron and the student as the librarian. The group using the computer scored significantly higher on examinations than did another control group which did not use the computer.
BIBLIOGRAPHY:

1. Slavens, Thomas P. Computer-assisted instruction for reference librarians. Journal of Education for Librarianship; 1969 Fall; 10(2): 116-119.

2. Slavens, Thomas P. The development and testing of materials for computer-assisted instruction in the education of reference librarians. Final report. Ann Arbor, MI: University of Michigan, School of Library Sciences; 1970 April; Contract #OEC-5-9-320560-0043; Project #8-0560. 182p. Available from: EDRS; ED 039 902.

3. Starks, David; Slavens, Thomas P. Two modes of computer-assisted instruction in a library reference course. Journal of the American Society for Information Science; 1972; 23: 271-277.

4. Slavens, Thomas P. The development and testing of computer-assisted instruction in the education of reference librarians. RQ; 1973; 13: 15-18.

5. Slavens, Thomas P.; Horn, Barbara J. Computer assisted instruction in the education of reference librarians. Proceedings of the American Society for Information Science; 1975; 12: 68.

PR-0630

INSTITUTION: Florida State Univ., Tallahassee.
ADDRESS: 107 West Gaines Street, Tallahassee, Florida 32304
PRINCIPAL INVESTIGATOR: Hartsfield, Annie Mary
TITLE: Study of State Library Legislation.
GRANT NUMBER: OEG-4-9-190746-0014(095)
PROJECT NUMBER: 8-0746
PROJECT DURATION: Start Date 1 Dec 68; End Date 15 Jun 70
FY FUNDING: FY69-$43,155 01-Dec-68 to 15-Jun-70
TOTAL PROJECT DOLLARS: $43,155
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *Financial Support, Political Influences, *Public Libraries, *Standards, State Aid, *State Legislation, *State Libraries, State Surveys

State library legislation was studied from the standpoints of standards; kinds and amount of financial support; relationships between socioeconomic, political, other factors, and legislation; and legislation resulting from State support for libraries. The investigation included: (1) a compilation and analysis of State public library legislative policy and support level, (2) an investigation of the environmental relationships associated with variations in State public library policy and state support, and (3) a review of the status of State public library legislative policy, with recommendations for future policy. The results of the correlations between State library program and environmental data yielded results of mostly low or moderate significance. The limited significance constituted a major finding, indicating that the library venture was so small that environmental conditions placed no real limits on library activity development. The assumption that libraries related closely to education in terms of function, unique roles and services, and general educational responsibilities was not supported. The 12 State library agencies that were operating within State Departments of Education were in favorable positions as to financial support. The data showed a wide gap between the availability of State grants-in-aid in State legislation (only 34 states indicated they had such programs) and the belief that a grants-in-aid program indicated the State's legal commitment to support library development. The per capita income of the various states was evenly divided between states with and without grants-in-aid programs, and thus was not a basic restriction on the establishment of State-aid programs. Accepted lobbying procedures by State library agencies resulted in quality programs and higher appropriations.
BIBLIOGRAPHY:

1. Hartsfield, Annie Mary [and others]. Study of state library legislation. Tallahassee, FL: Florida State University, Library School; 1970 June; Grant #OEG-4-9-190746-0014(095); Project #8-0746. 95p. Available from:EDRS; ED 042 460.

2. St. Angelo, Douglas [and others]. State library policy: its legislative and environmental contexts. Chicago: American Library Association; 1971. 128p.

PR-0640

INSTITUTION: Massachusetts Inst. of Tech., Cambridge. Div. of Sponsored Research.
ADDRESS: 77 Massachusetts Avenue, Cambridge, Massachusetts 02139
PRINCIPAL INVESTIGATOR: Overhage, Carl F. J.
TITLE: Microfilm Reader Experiments.
GRANT NUMBER: OEG-0-9-310825-3716(095)
PROJECT NUMBER: 8-0825
PROJECT DURATION: Start Date 1 Jun 69; End Date 31 May 71
FY FUNDING: FY69-$125,000 01-Jun-69 to 31-May-71
TOTAL PROJECT DOLLARS: $125,000
PROJECT CATEGORY: Technology
DESCRIPTORS: Comparative Analysis, Design Needs, *Display Systems, Electronic Equipment, *Equipment Evaluation, Experiments, *Microform Readers, Models, Optics, *Projection Equipment, Screens (Displays), Use Studies, *Visual Aids
IDENTIFIERS: Fiber Optics

Techniques of presenting microfilm images to an observer through reflected light from an opaque screen and the use of fiber optics in a microfilm projection system were investigated. In addition, the receptivity of observers to both wall-type screen displays and desk console displays, and the effect of background luminance, contrast, and color-blended light on the use of reflective screens were examined. In conjunction with the experiments with various reflected-light techniques, methods to allow the viewer to search rapidly several pages of microfilm materials were explored. As a result of the investigation, two new microfilm readers were designed. Both of the readers are front projection viewers that utilize matte surface display screens. One reader has an adjustable horizontal screen and normal magnification rate, and is mounted on a desk top. The other reader has a high (4x) magnification rate in a mini-theatre configuration with remote microfiche positioning controls. Both readers use conventional projection optics to maintain image contrast in controlled lighting environments. A user survey showed that the mini-theater

Two control modes for positioning microfiche were developed for the mini-theater viewer: a velocity-control system, and a position-control system. A comparison of these two modes showed that users preferred the position-control system. A survey of fiber optics, photochromic materials, and conventional optics for possible use in a small, portable, and self-powered reader showed that conventional optics answered the design needs best.

BIBLIOGRAPHY:

1. Reintjes, J. F. [and others]. Microfilm viewer experiments. Final report. Cambridge, MA: Massachusetts Institute of Technology, Electronic Systems Laboratory; 1971 May 31; Grant #OEG-0-9-310825-3716(095); Project #8-0825. 70p. Available from: EDRS; ED 051 671.

PR-0650

INSTITUTION: Trinity Coll., Hartford, Conn.
ADDRESS: Summit Street, Hartford, Connecticut 06106
PRINCIPAL INVESTIGATOR: Engley, Donald B.
TITLE: A Program for the Cooperative Acquisition and Use of Library Materials of Seven New England Liberal Arts Colleges (CONVAL) Based on an Analysis of Their Collections.
GRANT NUMBER: OEG-1-9-090046-0111(095)
PROJECT NUMBER: 9-A-046
PROJECT DURATION: Start Date 15 Jun 69; End Date 1 Mar 70
FY FUNDING: FY69-$10,000 15-Jun-69 to 01-Mar-70
TOTAL PROJECT DOLLARS: $10,000
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *College Libraries, Interinstitutional Cooperation, *Library Acquisition, *Library Collections, *Library Cooperation, *Library Materials, Library Research, Library Surveys
IDENTIFIERS: *Connecticut Valley Libraries, CONVAL

The Connecticut Valley Libraries (CONVAL) is a consortium formed by the librarians of seven New England liberal arts colleges in order to use cooperative measures to make better use of library resources in the face of rising costs of materials and the increasing amount of materials needed in college libraries. A survey indicated strengths of the collections and identified special interests of unique holdings. The survey showed that, although there was great homogeneity among the collections, there was also considerable diversity among the special and unique holdings. Included in the recommendations for effecting cooperation through CONVAL were that: CONVAL librarians actively participate in all aspects of academic planning; CONVAL be incorporated; each CONVAL library contribute equally to its maintenance; each library write an acquisitions policy statement; interlibrary loan privileges be extended to all classes of borrowers within the consortium; the CONVAL Director investigate the use of other storage facilities and make compacts with large libraries for access to their collections; teletype units be installed in all libraries and fully exploited in interlibrary lending; all libraries adopt the Library of Congress classification system; and Dartmouth be designated as the CONVAL Research Center for Automation.

BIBLIOGRAPHY:

1. Balliot, Robert L. A program for the cooperative acquisition and use of library materials of seven New England liberal arts colleges (CONVAL) based on an analysis of their collections. Cullowhee, NC: Western Carolina College; 1970 June; Grant #OEG-1-9-090046-0111(095); Project #9-A-046. 82p. Available from: EDRS; ED 047 711.

PR-0660

INSTITUTION: Rider Coll., Trenton, N.J.
ADDRESS: Lawrenceville Road, Trenton, New Jersey 08602
PRINCIPAL INVESTIGATOR: Daiute, Robert J.; Gorman, Kenneth A.
TITLE: Statistical Sampling of Book Readership at a College Library.
GRANT NUMBER: OEG-2-9-400094-1055
PROJECT NUMBER: 9-B-094
PROJECT DURATION: Start Date 1 Jun 69; End Date 28 Feb 70
FY FUNDING: FY69-$8,113 01-Jun-69 to 28-Feb-70
TOTAL PROJECT DOLLARS: $8,113
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Books, *College Libraries, *College Students, Interviews, *Library Material Selection, *Reading Habits, Research Methodology, Sampling, Statistical Analysis, Student Characteristics, *Use Studies

The practicability of a random sampling of book readership in a college library (or any library) was studied, using student interviews to obtain the statistical data. The interviews were conducted during a 60-day period, and the data obtained were analyzed by computer. The general results revealed that three times as many book readers were reading nonlibrary books as library books inside the library. About one-half of the library books being read are classified as Social Science books. Business Administration majors read books in the library relatively more frequently than either Liberal Arts or Education majors. Library readers had higher cumulative averages than the student body as a whole. Commuters read more frequently than their share in the student population; Freshmen and Sophomores made up two-thirds of the book readers; and men were found to read books twice as frequently as women. The Chi-square test applied in matrix analysis revealed that relationships existed between the reading of a library book or not and whether the reader was a student or not, between major field of study and the sex of the reader, and between place of residence of the reader, on the one hand, and the sex and class year of reader, on the other. A simulation of library carrel use indicated that the average rate of occupancy was 12.2%, with the highest occupancy on Sunday and between the hours of 8:00 p.m. and 9:00 p.m.; the lowest occupancy was on Saturday and between the hours of 8:00 a.m. and 9:00a.m.

BIBLIOGRAPHY:

1. Daiute, Robert J.; Gorman, Kenneth A. Statistical sampling of book readership at a college library. Final report. Trenton, NJ: Rider College; 1970 January; Grant #OEG-2-9-400094-1055; Project #9-B-094. 52p. Available from: EDRS; ED 045 149 (microfiche only).

PR-0670

INSTITUTION: Temple Univ., Philadelphia, Pa.
ADDRESS: Philadelphia, Pennsylvania 19122
PRINCIPAL INVESTIGATOR: Clever, Elaine C.
TITLE: Faculty Use of University Library Reference Facilities for Citation and Data Information.
GRANT NUMBER: OEG-2-9-480116-1061(095)
PROJECT NUMBER: 9-B-116
PROJECT DURATION: Start Date 15 Jun 69; End Date 1 Apr 70
FY FUNDING: FY69-$2,521 15-Jun-69 to 01-Apr-70
TOTAL PROJECT DOLLARS: $2,521
PROJECT CATEGORY: Functional Development
DESCRIPTORS: *Automatic Indexing, Bibliographic Citations, College Faculty, Data Analysis, *Indexes (Locaters), Information Seeking, Interviews, *Library Automation, *Library Reference Services, Library Research, Magnetic Tapes, Questionnaires, *Reference Materials, Statistical Data, University Libraries, Use Studies

A user study of the ratio of citation-bound queries (queries that refer to documents previously known to the user) to data-bound queries (queries that refer to specific factual information unrelated to a particular document) originated by faculty and processed through reference department personnel or by independent use of reference materials in a university library was carried out. A questionnaire was sent to a 10% proportional stratified random sample of the faculty, and telephone or personal interviews were used in the follow up. The data collected showed that a majority (75%) of the queries were citation-bound, with a significant preference for author-title and related biographical information over subject searching. This finding indicated the need for creating machine-indexed files, since such files would be extremely useful information sources for a large portion of the library's users.

BIBLIOGRAPHY:

1. Clever, Elaine C. Faculty use of university library reference

facilities for citation and data information. Philadelphia, PA: Temple University; 1970 March; Grant #OEG-2-9-480116-1061(095); Project #9-B-116. 10p. Available from: EDRS; ED 041 613.

PR-0680
INSTITUTION: American Society for Information Science, Washington, D.C.
ADDRESS: 1155 16th Street, N.W., Washington, D.C. 20036
PRINCIPAL INVESTIGATOR: Bryan, James E.
TITLE: Preparation and Dissemination of a Bibliography on Information Science and Technology.
GRANT NUMBER: OEG-3-9-090026-0031(095)
PROJECT NUMBER: 9-C-026
PROJECT DURATION: Start Date 15 Feb 69; End Date 15 Aug 69
FY FUNDING: FY69-$9,960 15-Feb-69 to 15-Aug-69
TOTAL PROJECT DOLLARS: $9,960
PROJECT CATEGORY: Functional Development
DESCRIPTORS: *Bibliographies, Indexes (Locaters), Information Dissemination, *Information Science, *Literature Reviews, *Publications, *Technology

Comprehensive bibliographies in the field of information science and technology were developed. The bibliographies included the completion of two parts of a four-part bibliography of 1968 information science and technology literature. In addition, assistance was supplied to authors of chapters in selecting and listing the most important and significant publications of 1968 as related to their review chapters. An index to joint authors and editors and cross-references were included in Part II.
BIBLIOGRAPHY:
1. Friedman, Morton H. [and others]. A bibliography on information science and technology for 1969. Part I. Santa Monica, CA: System Development Corporation; 1969 July 15; TM-(1)-4350/001/00. 68p.
2. Friedman, Morton H. [and others]. A bibliography on information science and technology for 1969. Part II. Santa Monica, CA: System Development Corporation; 1969 September 15; TM-(1)-4350/002/00. 147p.
3. Friedman, Morton [and others]. A bibliography on information science and technology for 1969. Part III. Santa Monica, CA: System Development Corporation; 1969 November 15; TM-(1)-4350/003/00. 164p.
4. Friedman, Morton [and others]. A bibliography on information science and technology for 1969. Part IV. Santa Monica, CA: System Development Corporation; 1970 January 15; TM-(1)-4350/004/00. 65p.
5. Cuadra, Carlos A. Annual review of information science and technology. Volume IV. Chicago, IL: Encyclopaedia Britannica, Inc. 1969. 555p.

PR-0690
INSTITUTION: North Texas State Univ., Denton.
ADDRESS: Denton, Texas 76203
PRINCIPAL INVESTIGATOR: Pool, Jane
TITLE: An Analysis of Individual School Selection and Use of System Approved Lists.
GRANT NUMBER: OEG-7-9-530076-0136(095)
PROJECT NUMBER: 9-G-076
PROJECT DURATION: Start Date 15 Jun 69; End Date 15 Oct 70
FY FUNDING: FY69-$6,900 15-Jun-69 to 15-Oct-70
TOTAL PROJECT DOLLARS: $6,900
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Booklists, Books, Comparative Analysis, Data Collection, *Elementary School Libraries, Elementary School Science, Grade 4, Hypothesis Testing, Interviews, *Library Acquisition, *Library Material Selection, Library Research, Questionnaires, *School Libraries, *Science Materials, Teacher Participation

The hypothesis that as selection procedures for elementary school libraries become less centralized and standardized, i.e., not under the control of a local buying list, the quality of the collection improves, was tested. The improvement was assumed to occur because school librarians and teachers would be more actively involved in the selection. A study was made of the book selection procedures and collections in fourth-grade science in 12 elementary schools of two school districts. The six schools in District 2 utilized a local buying list in their acquisitions, but the six in District 1 did not. The study data were collected by questionnaires completed by and interviews with teachers and librarians, from school records (socioeconomic status and reading achievement data), from a comparison of the schools' science collections with a standardized list, and from records of acquisitions during the preceding five years. An analysis of the data indicated that the teachers were not deeply involved in the selection process. The local buying lists appeared to create more interest in the book selection. Despite the different selection procedures of the two districts, their science collections were not appreciably different.
BIBLIOGRAPHY:
1. Pool, Jane. An analysis of book selection processes for elementary school libraries. Final report. Denton, TX: North Texas State University; 1972 May; Grant #OEG-7-9-530076-0136(095); Project #9-G-076. 257p. Available from: EDRS; ED 112 834.

PR-0700
INSTITUTION: Colorado State Univ., Ft. Collins.
ADDRESS: Fort Collins, Colorado 80521
PRINCIPAL INVESTIGATOR: Burns, Robert W., Jr.
TITLE: Design and Testing of a Computerized Method of Handling Library Periodicals.
GRANT NUMBER: OEG-8-9-150022-2022(095)
PROJECT NUMBER: 9-H-022
PROJECT DURATION: Start Date 15 Jun 69; End Date 31 Dec 70
FY FUNDING: FY69-$4,615 15-Jun-69 to 31-Dec-70
TOTAL PROJECT DOLLARS: $4,615
PROJECT CATEGORY: Technology
DESCRIPTORS: *Algorithms, Computer Science, *Library Automation, Library Materials, Library Research, *Library Technical Processes, Mathematical Applications, *Periodicals, *Serials, Statistical Analysis

A homeostatic arrival algorithm that enables librarians to determine mathematically the arrival pattern for those periodicals that have similar and predefined intervals between issue arrivals was developed. The algorithm was based on a data smoothing technique that utilizes the arithmetic mean and the standard deviation coupled with the construction of a confidence interval (expectancy band) around the sample mean. Arrival time then becomes the boundary of the confidence interval. The algorithm was believed to be capable of generalization to all types of libraries and to operate independently of the geographical location of the library.
BIBLIOGRAPHY:
1. Burns, Robert W., Jr. The design and testing of a computerized method of handling library periodicals (Title III). Fort Collins, CO: Colorado State University, Libraries; 1970 December; Grant #OEG-8-9-150022-2022(095) (Mod); Project #9-H-022. 64p. Available from: EDRS; ED 050 753.
2. Burns, Robert W., Jr. An investigation into the significance of age as a factor in selecting an optimum circulation period(s) for serials. Fort Collins, CO: Colorado State University; 1970 November. 20p. Available from: EDRS; ED 048 881.

PR-0710
INSTITUTION: Rutgers, The State Univ., New Brunswick, N.J.
ADDRESS: 189 College Avenue, New Brunswick, New Jersey 08903
PRINCIPAL INVESTIGATOR: Clark, Philip M.; Angus, Edward L.
TITLE: Personnel for Research Libraries--Qualifications, Responsibilities, and Use.
GRANT NUMBER: OEG-2-9-400100-1026(095)
PROJECT NUMBER: 9-0100
PROJECT DURATION: Start Date 1 May 70; End Date 31 Mar 71

FY FUNDING: FY69-$64,852 01-May-70 to 31-Mar-71
TOTAL PROJECT DOLLARS: $64,852
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Administrator Attitudes, Data Collection, *Employee Responsibility, Librarians, Library Research, Library Services, Library Surveys, Library Technicians, *Manpower Utilization, Models, *Organizational Effectiveness, Participant Characteristics, *Personnel Needs, Prediction, Questionnaires, *Research Libraries, Research Methodology, Role Perception, Specialists, Teacher Attitudes, University Libraries, Use Studies
IDENTIFIERS: Job Qualifications, Subject Specialists, Systems Specialists

The manpower situation in research libraries was examined, and a methodological model for projecting future personnel needs was developed. Eight academic research libraries were selected for investigation, and three instruments were developed to gather data toward these ends. A personal interview format was used to interview top administrative officials at each library; a questionnaire was mailed to all other professional library staff members; and a questionnaire was mailed to a sample of faculty users of the library at each institution. Top administrators foresaw decentralization of academic libraries, increased automation and involvement in networks, greater demand for public services, and changing relationships between the library and the faculty and administration. In response to these and financial pressures they predicted needs for subject specialists, systems specialists, management expertise (in old and new personnel), and greater use of nonprofessionals. Faculty users were asked to describe their use patterns and evaluate their library systems. Professional library staff members were questioned as to their backgrounds, work relationships, attitudes toward their jobs, and perceptions of future trends in research libraries. Based on the data collected a predictive model was proposed.
BIBLIOGRAPHY:
1. Clark, Philip M. Personnel for research libraries; qualifications, responsibilities and use. Final report. New Brunswick, NJ: Rutgers, the State University, Bureau of Library and Information Science Research; 1973 January; Grant #OEG-2-9-400100-1026(095); Project #9-0100. 131p. Available from: EDRS; ED 072 836.

PR-0720
INSTITUTION: Lockheed Aircraft Corp., Palo Alto, Calif.
ADDRESS: 3251 Hanover Street, Palo Alto, California 94304
PRINCIPAL INVESTIGATOR: Summit, Roger K.; Duncan, Cecil E.
TITLE: ERIC On-Line Retrieval System.
CONTRACT NUMBER: OEC-9-9-140161-0028
PROJECT NUMBER: 9-0161; 9-0161 C
PROJECT DURATION: Start Date 6 Feb 69; End Date 31 Dec 70
FY FUNDING: FY69-$51,500 06-Feb-69 to 31-Oct-69; FY70-$82,306 01-Nov-69 to 31-Dec-70
TOTAL PROJECT DOLLARS: $133,806
PROJECT CATEGORY: Technology
DESCRIPTORS: Abstracts, Bibliographic Citations, Computer Programs, Data Bases, Educational Research, *Electronic Data Processing, Federal Programs, *Information Retrieval, *Information Systems, *On Line Systems, Program Evaluation, Programing Languages, Resource Centers, Resource Materials, *Search Strategies, Use Studies
IDENTIFIERS: DIALOG System, *Educational Resources Information Center, ERIC, Research in Education, RIE

The utility of computer-based on-line retrieval of material from the ERIC document files was tested by members of the ERIC Clearinghouse on Educational Media and Technology and by the Region IX office of the U.S. Office of Education. The test was made of the DIALOG retrieval system. More than 800 searches were conducted, and over 51,000 citations and abstracts were printed in a one-year period. Evaluations made by the two user groups showed that the system was used principally for retrospective retrieval and generation of special bibliographies. Nearly all users (90%) were satisfied with the search results, and were most impressed by the speed with which answers to searches could be obtained and by the visual interaction with the file via the display terminal. Based on a predicted potential demand of between 10,000 and 125,000 requests per year, benefits from the routine use of DIALOG included expanded dissemination of documents, together with greater use of educational research; the evaluation of requests for grants by the Office of Education; and normalization of information and access to research results.
BIBLIOGRAPHY:
1. Summit, Roger K. ERIC online retrieval system. Use of the DIALOG online information retrieval system with ERIC Research in Education files. Final report. Palo Alto, CA: Lockheed Aircraft Corporation; 1970 April; Contract #OEC-9-9-140161-0028; Project #9-0161; Report #LMSC N-6R-70-1. 58p. Available from: EDRS; ED 040 592.

PR-0730
INSTITUTION: National School Boards Association, Washington, D.C.
ADDRESS: 1233 Central Street, Evanston, Illinois 60201
PRINCIPAL INVESTIGATOR: Dickinson, William E.
TITLE: The Development of a School Board Policy Classification System and School Board Policy Information Clearinghouse.
CONTRACT NUMBER: OEC-5-9-230179-0044
PROJECT NUMBER: 9-0179
PROJECT DURATION: Start Date 1 Mar 69; End Date 28 Feb 70
FY FUNDING: FY69-$29,870 01-Mar-69 to 28-Feb-70
TOTAL PROJECT DOLLARS: $29,870
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Administrative Policy, *Board of Education Policy, *Clearinghouses, *Educational Policy, *Information Dissemination, Inservice Programs, Manuals, Material Development, Models, Policy Formation, Publications, Reference Materials, Sampling, School Districts, *Taxonomy, Workshops
IDENTIFIERS: Educational Policies Service, *Policy Information Clearinghouse, Written Policy

To aid local school boards in developing or upgrading written policies and to provide the means for exchange of information regarding policy and policy-related matters among local, state, and Federal educational groups, research was carried out in five steps. These steps were: (1) the development of a new policy codification system; (2) the gathering and coding to the system a representative sampling of some 150 school board policies from large, medium-sized, and small school districts throughout the U.S.; (3) the production of a prototype policy reference manual and handbook; (4) the establishment of a model for a policy information clearinghouse; and (5) the production of a prototype publication designed to disseminate information concerning the system and clearinghouse. In January 1970, the National School Boards Association inaugurated its Educational Policies Service (EPS/NSBA) to provide help to local school districts and other education agencies in developing effective written policies. The EPS/NSBA through its publications and its Policy Information Clearinghouse provided member organizations with reference assistance, in-service educational materials, and a practical taxonomy for classifying written school board policies and administrative rules and for updating such documents. The clearinghouse facilitated the exchange of policy information among local school officials on a nationwide basis, and served as a national repository for policy manuals and pertinent literature. The EPS/NSEA also provided an extended program of workshops and consultation.
BIBLIOGRAPHY:
1. National School Boards Association. How NSBA's new policy can help school boards in this age of change and social controversy: information brochure. Evanston, IL; 1970. 8p. (out of print).
2. National School Boards Association. School board policy development for the '70s: a guide to EPS/NSBA. Handbook. Evanston, IL; 1970. 48p.
3. National School Boards Association. Updating school board policies: a component of the Educational Policies Service: monthly newsletter. Evanston, IL; 1970. 6p.
4. Dickinson, William E. Development of a school board policy codification system and school board policy information clearinghouse. Final report. Evanston, IL: National School Boards Association; 1970 February 28; Contract #CEC-5-9-230179-0044; Project #9-0179. 69p. Available from: EDRS; ED 037 822.

5. Dickinson, William E. What every Indiana school board should know about NSBA's school board policy service. ISBA Journal. 16(6); 17-18; 1970 June.

6. National School Boards Association. EPS/NSBA: information brochure. Evanston, IL; 1970. 6p.

7. National School Boards Association. Educational Policies Service reference manual: a component of the Educational Policies Service. Evanston, IL; 1970. 295p.

PR-0740

INSTITUTION: Center for Applied Linguistics, Washington, D.C.
ADDRESS: 1611 North Kent Street, Arlington, Virginia 22209
PRINCIPAL INVESTIGATOR: Roberts, A. Hood
TITLE: Experiment in Fast Dissemination of Research in Selected Fields in Linguistics.
GRANT NUMBER: OEG-3-9-180239-0045
PROJECT NUMBER: 9-0239
PROJECT DURATION: Start Date 1 Jun 69; End Date 30 Jun 72
FY FUNDING: FY69-$21,375 01-Jun-69 to 30-Jun-72
TOTAL PROJECT DOLLARS: $21,375
PROJECT CATEGORY: Functional Development
DESCRIPTORS: *Abstracts, Computational Linguistics, Contrastive Linguistics, *Information Dissemination, *Information Seeking, *Linguistics, Publications, *Research Reviews (Publications), Social Dialects

A mechanism for the distribution of free bulletins of abstracts of accepted papers in the areas of Computational Linguistics, Social Dialect Studies, and Contrastive Linguistics, with full versions available on microfiche or in hard copy from a commercial service bureau, was studied. The project did not succeed, however, in attracting a sufficient number of participants to justify its continuation. Because of its experimental nature and the lack of data, the conclusions were largely speculative; these were: (1) actual information needs in the fields covered should have been determined by preliminary studies; (2) subject areas covered were not suitable for a fast dissemination experiment; (3) new publication outlets had already been created in linguistics; (4) the project did not provide ego satisfaction for the authors; (5) the participation rules were too elaborate; (6) the project did not uncover conclusive proof of the existence of special interest groups in its fields of coverage. Recommendations for those who might want to organize a similar program in the social sciences were provided.

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PR-0750

INSTITUTION: California Univ., Los Angeles. Inst. of Library Research.
ADDRESS: 405 Hilgard Avenue, Los Angeles, California 90024
PRINCIPAL INVESTIGATOR: Borko, Harold
TITLE: A Study of the Needs for Research in Library and Information Science Education.
GRANT NUMBER: OEG-9-9-140256-0039(095)
PROJECT NUMBER: 9-0256
PROJECT DURATION: Start Date 24 Apr 69; End Date 31 Oct 70
FY FUNDING: FY69-$54,109 24-Apr-69 to 31-Oct-70
TOTAL PROJECT DOLLARS: $54,109
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Communication Skills, *Course Descriptions, Data Analysis, Data Collection, Factor Analysis, Information Dissemination, *Information Science, Librarians, Library Administration, *Library Education, *Library Research, Library Schools, Library Skills, Physical Facilities, Problem Solving, Questionnaires, *Research Needs, School Planning, State of the Art Reviews, Tables (Data)
IDENTIFIERS: Delphi Technique

The three phases of this study of research needs in library and information science education were: (1) to describe and summarize the content of existing programs in librarianship and information science; (2) to identify problems and needs in library and information science education, and to indicate the data and research required to resolve the problems; and (3) to coordinate the various research suggestions and rank them in order of priority. In Phase 1, course descriptions from 75 library schools were collected and arranged in a matrix format to facilitate comparison. To identify patterns and similarity groupings, the school-by-course matrix was factor analyzed. Of the three factors derived, one was a general factor which was interpreted as reflecting a "core curriculum"; a second factor emphasized "information science"; and the third factor dealt with "school librarianship." There was, however, considerable overlap among patterns, and they were not clearly differentiated. Phase 2 was comprised of the writing of opinion papers by 10 eminent educators, who identified problems and information needs and suggested research projects to aid in solving the problems. In Phase 3, the many research suggestions were reduced to a list of 36 research topics. These were incorporated in a questionnaire-rating scale and submitted to a selected sample of approximately 100 people who rated the importance of each research topic. Using the Delphi prediction technique, group norms were provided each respondent, who then re-rated each item. Priorities assigned, in descending order of importance, were: Group I, Improving and Updating Skills of Professional Librarians; Group II, Library School Planning; Group III, Administrative Aspects of Library Schools, Projects Related to Educational Contents, Projects Related to Culturally Disadvantaged, and Projects Related to Library Administration and Library Utilization; Group IV, Administrative Aspects of Library Schools, Innovative Teaching and Newer Media, and Continuing Education; and Group V, Patterns of Communication and Exchange among Library Scientists and Comparison with Those of Other Professional Groups, Programs and Activities of Professional Library Associations, and Validity of Ideas and Practices Concerning the Physical Facilities, Equipment, and Space Needed by Library Schools.

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1. Borko, Harold. A Study of the needs for research in library and information science education. Final report. Los Angeles, CA: University of California, Institute of Library Research; 1970 October 31; Grant #OEG-9-9-140256-0039(095); Project #9-0256. 334p. Available from: EDRS; ED 111 425.

2. Borko, Harold, ed. Targets for research in library education. Chicago: American Library Association; 1973. 254p.

PR-0760

INSTITUTION: American Association of Junior Colleges, Washington, D.C.
ADDRESS: 1225 Connecticut Avenue, N.W., Washington, D.C. 20036
PRINCIPAL INVESTIGATOR: Giles, Louise; Gaddy, Dale
TITLE: A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III.
CONTRACT NUMBER: OEC-0-9-180260-3703(095)
PROJECT NUMBER: 9-0260; 9-0260 C1; R09-0260B C2
PROJECT DURATION: Start Date 11 Apr 69; End Date 30 Jun 73
FY FUNDING: FY69-$72,700 11-Apr-69 to 10-Apr-70; FY70-$123,274 11-Apr-70 to 31-Dec-71; FY72-$68,438 01-Jan-72 to 30-Jun-73
TOTAL PROJECT DOLLARS: $264,412
PROJECT CATEGORY: Technology
DESCRIPTORS: Bibliographies, College Curriculum, College Students, Community Colleges, Comparative Analysis, Educational Technology, Instructional Materials, *Junior College Students, *Learning Experience, Library Collections, Library Equipment, Manuals, *Microforms, Pilot Projects, *Resource Materials, *Student Opinion, Use Studies

A study of the acceptability of microform to community junior college students and of microform effectiveness was accomplished in three phases. In Phase I, bibliographies were prepared of resource materials used in 10 courses of study at community colleges. The courses were: art appreciation, Black studies, college algebra, economics, freshman composition, life science, nursing, political science, basic psychology, and beginning college Spanish. During Phase II, five pilot studies were conducted of the procedural and environmental problems relating to microform utilization, and the matters of student acceptance and learning effectiveness of microforms. Activities consisted of developing procedures and instruments, evaluating microform equipment, preparing and packaging microform materials, and testing the effects of selected variables (mode, access, content, format, and image polarity) on student acceptance and learning. Microfiche acceptance was not differentially affected by the five variables. Data confirmed that students who used microform learned as well as students who used traditional hardcopy. In Phase III, a microform handbook, comprised of six chapters, a bibliography, and appendices, was developed. This handbook was intended as a primer for educators when considering the applicability and adequacy of microform systems at their institutions.

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2. Gaddy, Dale. A research project to determine the student acceptability and learning effectiveness of microform collections in community junior colleges: phase II. Final report. Washington, DC: Association of Junior Colleges; 1971 June; Contract #OEC-0-9-180260-3703(095); Project #9-0260. 72p. Available from: EDRS; ED 071 662.

3. Gaddy, Dale. A research project to determine the student acceptability and learning effectiveness of microform collections in community junior colleges: phase III. Final report. Washington, DC: American Association of Community and Junior Colleges; 1973 June; Contract #OEC-0-9-180260-3703(095); Project #9-0260. 16p. Available from: EDRS; ED 087 514.

4. Gaddy, Dale. A microform handbook. Silver Spring, MD: National Microfilm Association; 1974. 114p.

PR-0770

INSTITUTION: Washington State Library, Olympia.
ADDRESS: Olympia, Washington 98501
PRINCIPAL INVESTIGATOR: Reynolds, Maryan E.
TITLE: Construction of a Decision-Making Model for Library Network Implementation in Washington State.
GRANT NUMBER: OEG-0-9-570266-4195(095)
PROJECT NUMBER: 9-0266
PROJECT DURATION: Start Date 1 Jun 69; End Date 31 Oct 70
FY FUNDING: FY69-$68,780 01-Jun-69 to 31-Oct-70
TOTAL PROJECT DOLLARS: $68,780
PROJECT CATEGORY: Technology
DESCRIPTORS: Administrator Attitudes, Books, *Computer Programs, Costs, Data Collection, Library Automation, Library Circulation, Library Collections, *Library Networks, Library Research, Library Services, *Library Surveys, Matrices, *Models, Multiple Regression Analysis, Questionnaires, Regional Programs, State Programs, Statistical Analysis, *Systems Development, Tables (Data)
IDENTIFIERS: *Washington

Although the initial intent of this research project was to construct a quantitative model which would assist in making decisions regarding the details of network design, the quantitative information regarding library operations in the State of Washington was insufficient to the task. As a result, efforts were directed toward obtaining basic data on the scope and characteristics of library activity, and modeling was focused upon descriptions of principal library functions for several possible network configurations. The project was conducted in two phases: (1) data collection, and (2) analysis and modeling. Data were collected from 33 libraries (20 municipal, county and regional public libraries; 2 state universities; 3 state colleges; 7 community colleges; and the Washington State Library) in the areas of book holdings, book collection overlap, interlibrary loans and circulation. Two questionnaires were used--one for cost information on technical services, and the other for a survey of administrators' attitudes concerning networking. In the analysis and modeling phase, major activities included the development of computer programs for analyzing alternate network configurations for interlibrary loan, technical services, and collection management; computer analysis of large samples of circulation records; and correlation and multiple regression analyses to develop quantitative descriptions of a variety of library phenomena. Other analytical efforts focused on development of a translation table between Library of Congress and Dewey Decimal classification schemes; and construction of a book collection overlap matrix for the 33 libraries.

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2. Reynolds, Maryan E. Authority and responsibilities of a network director. Becker, Joseph, ed. Proceedings of the conference on interlibrary communications and information networks; 1970 September 28; Chicago: American Library Association; 1972: 20. (ED 057 873).

PR-0780

INSTITUTION: Bureau of Social Science Research, Inc., Washington, D.C.
ADDRESS: 1200 17th Street, N.W., Washington, D.C. 20036
PRINCIPAL INVESTIGATOR: Sharp, Laure M.
TITLE: Overview of the Library Fellowship Program.
CONTRACT NUMBER: OEC-3-9-180268-0047(095)
PROJECT NUMBER: 9-0268
PROJECT DURATION: Start Date 16 Jun 69; End Date 31 Jul 70
FY FUNDING: FY69-$18,906 16-Jun-69 to 31-Jul-70
TOTAL PROJECT DOLLARS: $18,906
PROJECT CATEGORY: Education and Training
DESCRIPTORS: *Admission Criteria, Career Choice, College Deans, Data Collection, Doctoral Degrees, Dropout Rate, *Federal Programs, *Fellowships, *Graduate Study, Higher Education, Librarians, *Library Education, Masters Degrees, Participant Characteristics, Program Evaluation
IDENTIFIERS: Higher Education Act Title IIB, *Library Fellowship Program

The first four years of the fellowship program in librarianship under Title II-B of the Higher Education Act were evaluated by an analysis of data collected from deans of 56 institutions that participated in the fellowship program. The data concerned: (1) the characteristics, academic status, and employment status of fellowship recipients; (2) procedures used by the institutions for the application, review, and selection of fellowship recipients; (3) the proportion of program-supported students to the number of qualified applicants; and (4) results of the program as measured by rates of degree completion and positions held after completion, and by faculty evaluation. The data analysis showed that in allocating the fellowships, the deans relied heavily on undergraduate grades, graduate record exams, and references, and, to a lesser degree, on the financial need of the student. By 1970, a total of 1,627 students had received Library Science Fellowships, mostly for Master's degrees (76.4%) and less frequently in post-Master's (7.0%) or doctoral (16.6%) programs. Few Fellows had withdrawn from any program (fewer than 4%). Completion rates were relatively high: 82.5% for Master's students and 95.6% for post-Master's students; insufficient time lapse precluded establishing a doctoral students' rate. After leaving the program, most Fellows were employed in library positions, mainly university libraries and secondly public libraries. More than 90% of the Master's students and 70% of the post-Master's were librarians; those with doctoral fellowships were divided about equally between librarian responsibilities and academic positions, most often in universities. The effectiveness of the program was affirmed by the deans.

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2. Holmstrom, Engin I.; El-Khawas, Elaine. An overview of the first four years of the title 11-B fellowship program. College and Research Libraries; 1971 May: 205-216.

PR-0790

INSTITUTION: American Library Association, Chicago, Ill.
ADDRESS: 50 East Huron Street, Chicago, Illinois 60611
PRINCIPAL INVESTIGATOR: Becker, Joseph, Ed.
TITLE: A Conference on Interlibrary Communications and Information Networks.
CONTRACT NUMBER: OEC-0-9-230288-4235(095)
PROJECT NUMBER: 9-0288
PROJECT DURATION: Start Date 1 Jun 69; End Date 1 Jul 71
FY FUNDING: FY69-$124,678 01-Jun-69 to 01-Jul-71
TOTAL PROJECT DOLLARS: $124,678
PROJECT CATEGORY: Technology
DESCRIPTORS: Conference Reports, *Conferences, *Information Centers, *Library Networks, *National Programs, *Networks, Problem Solving, Research Reviews (Publications), State of the Art Reviews, Telephone Communication Systems
IDENTIFIERS: *Interlibrary Communications

The implications that would follow if a network of libraries and information centers were established in the United States were explored at this Conference on Interlibrary Communications and Information Networks, held at Airlie House in Warrenton, Virginia, September 28 to October 2, 1970. Specific conference objectives were: (1) to study the state of development of networks, identify their strengths and weaknesses, and highlight potential development areas with respect to the needs of libraries, information centers, and users; (2) to explore the possibility of meeting those needs through the adoption and expansion of telecommunications systems throughout the U.S.; (3) to examine the application of hitherto unused but technologically sound methods to facilitate interlibrary communications and data distribution; (4) to identify, for study and resolution, other problems of an administrative, legal, physical, social, and technical nature that should be solved before a national network of libraries and information centers could be established; (5) to outline a specific framework within which to develop a plan for a national network; and (6) to inform librarians and others, through working papers and conference proceedings, of the importance of networks and research areas that deserve further study. The five Working Groups and the 31 commissioned papers covered one of the following facets of the network topic: (1) Networks Needs and Development; (2) Network Services; (3) Network Technology; (4) Network Organization; and (5) Network Planning. Summary reports of the Working Groups and the 31 papers were included in the conference proceedings.

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32. Braunstein, Jean. Technical evaluation of the health education telecommunications experiment. Denver, CO: Federation of Rocky Mountain States, Inc.; 1976 April 14; Contract # OEC-0-72-0904; Project R01-0678. 92p.

33. Law, Gordon. A case study of three satellite technology demonstration school sites. Denver, CO: Federation of Rocky Mountain States, Inc.; 1975 August; 117p. Available from: EDRS; ED 116 620.

PR-1220

INSTITUTION: Institute of Lifetime Learning, Washington, D.C.
ADDRESS: 1346 Connecticut Avenue, Washington, D.C. 20036
PRINCIPAL INVESTIGATOR: Carlson, Lawrence O.
TITLE: A Demonstration Pilot Program of Comprehensive Library Services for the Aged in Selected Communities in Kentucky.
GRANT NUMBER: OEG-0-72-1671
PROJECT NUMBER: R01-0701; R01-0701 A
PROJECT DURATION: Start Date 1 Apr 72; End Date 30 Jun 74
FY FUNDING: FY72-$78,014 01-Apr-72 to 31-May-73; FY73-$61,907 01-Jun-73 to 30-Jun-74
TOTAL PROJECT DOLLARS: $139,921
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: Annotated Bibliographies, Audiovisual Aids, *Community Characteristics, *Data Analysis, *Data Collection, Demography, Demonstration Projects, Interviews, *Library Services, Literature Reviews, Models, *Older Adults, Outreach Programs, Pilot Projects, Program Descriptions, Program Development, Questionnaires, Senior Citizens, Socioeconomic Influences, Surveys, Systems Analysis, Workshops
IDENTIFIERS: *Kentucky, Survey of Leisure Time Activities, Users Potential Index

To develop and field test models of specialized library services for older adults, a pilot project was conducted in Kentucky. The project was carried out in two phases. Phase 1 was comprised of collecting and evaluating data for use in designing models in Louisville, Lexington, Somerset, and Hazard, Kentucky. Data were collected by literature reviews, personal interviews, a users/nonusers survey, and a comprehensive library report form. The data collected resulted in: a selected annotated bibliography on the library and senior citizens; four community site profiles; background material used in creation of a survey instrument; comprehensive analyses of four library systems; and a casebook of successful existing and innovative programs. Training workshops in social gerontology were conducted for site librarians, and an audiovisual presentation of the project background was prepared for nationwide use. In Phase 2, the development of demonstration models of library projects and activities for the elderly at the four sites was continued. Accomplishments during this phase were the completion of the site profiles; administration of the Survey of Leisure Time activities and providing the data for computer analysis; development of a Users Potential Index; a site-by-site analysis of the statistical data from the survey; and, using the socioeconomic demographic data together with data from the computer printouts, the initiation of demonstration programs at each site. Positive responses were received from all site librarians, participating groups, and the Kentucky State Library. The libraries planned to continue the model projects.

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1. Carlson, Lawrence O. A demonstration pilot project of comprehensive library services for the aged in selected communities in Kentucky (NRTA/AARP Kentucky library project). Final report, phase 1. Washington, DC: Institute of Lifetime Learning; 1973 June; Grant #OEG-0-72-1671; Project #R01-0701. 414p. Available from: EDRS; ED 105 834.

2. Carlson, Lawrence O. A demonstration pilot project of comprehensive library services for the aged in selected communities in Kentucky (NRTA/AARP Kentucky library project). Final report, phase 2. Washington DC: Institute of Lifetime Learning; 1974 July; Grant #OEG-0-72-1671; Project #R01-0701. 483p. Available from: EDRS; ED 105 835. Elderly [Film]. Washington, DC: Institute of Lifetime Learning; color; 16mm. or super 8. Available from: Institute of Lifetime Learning.

PR-1230

INSTITUTION: Rhode Island Dept. of State Library Services, Providence.
ADDRESS: 95 Davis Street, Providence, Rhode Island 02908
PRINCIPAL INVESTIGATOR: Donohue, Deirdre A.
TITLE: An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service.
GRANT NUMBER: OEG-0-72-1656
PROJECT NUMBER: R02-0050
PROJECT DURATION: Start Date 1 Mar 72; End Date 30 Jul 73
FY FUNDING: FY72-$75,000 01-Mar-72 to 30-Jul-73
TOTAL PROJECT DOLLARS: $75,000
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: Audiovisual Aids, Individual Differences, *Institutionalized Persons, Libraries, Library Facilities, Library Material Selection, *Library Services, *Mentally Handicapped, *Middle Aged, *Older Adults, Program Development
IDENTIFIERS: *Institute of Mental Health, Rhode Island

The Project Library was established to serve chronic, mentally ill patients forty-five years and older by ascertaining their library needs and interests, as well as by developing specific library program formats for people who have been isolated from the community for long periods of time. To do this effectively, various levels of institution staff had to be involved simultaneously and on a regular basis. Furthermore, it became necessary to accept older patients as individuals with specific interests, responses, and attention needs. The books selected for this age group consisted mostly of illustrated non-fiction. In addition, fiction, large type, paperbacks, magazines and newspapers were used. Non-print materials included filmstrips, kits, records, film loops, 8mm and 16mm film, as well as simple games and puzzles. The library became an active place patronized by many older people, with most of the materials, print and non-print, in some way utilized by them. A program of library service evolved which offered a variety of activities and choices, thereby appealing to the wide range of individual differences among elderly patients.

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1. Donohue, Deirdre A. An investigation of library services for the elderly, institutionalized mentally ill to arrive at an optimum program through the establishment of a library for 1,000 residents with no present service. Final report. Providence, RI: Rhode Island Department of State Library Services; 1973 November; Grant #OEG-0-72-1656; Project #R02-0050. 49p. Available from: EDRS; ED 087 484.

PR-1240

INSTITUTION: North Texas State Univ., Denton.
ADDRESS: Denton, Texas 76203
PRINCIPAL INVESTIGATOR: Kitchen, James A.
TITLE: A Community Cultural Arts Center Merging Public and School Library Services in Olney, Texas: A Research and Demonstration Project.
GRANT NUMBER: OEG-0-72-0773
PROJECT NUMBER: R02-0180; R02-0180 A; R02-0180 B
PROJECT DURATION: Start Date 1 Oct 72; End Date 31 Jan 75
FY FUNDING: FY72-$26,367 01-Oct-72 to 31-Jan-73; FY73-$38,442 01-Feb-73 to 31-Jan-74; FY73-$46,668 01-Feb-74 to 31-Jan-75
TOTAL PROJECT DOLLARS: $111,477
PROJECT CATEGORY: Planning and development
DESCRIPTORS: Community Benefits, *Community Information Services, Community Surveys, *Cultural Centers, Demonstration Projects, Guides, Information Dissemination, Library Collections, *Library Cooperation, Library Programs, Library Services, Mergers, Program Development, *Public Libraries, *School Libraries
IDENTIFIERS: *Texas (Olney)

The feasibility of merging public library and school library functions in a rural community cultural center was determined in three phases. Activities engaged in during the project were: (1) a survey of community resources, existing library facilities, usage patterns, and attitudes toward and knowledge of library functions; (2) a study of financial, legal, social, political, and library practice problems arising from the merging of the two libraries; (3) an evaluation of the effectiveness and utility of a combined library; and (4) development of a model of planning and implementation for the combination of school and public library functions. Since August 1973, Olney has operated a coordinated library program. A single group administers a program that unifies three school libraries and the public library. One person supervises all four libraries. All books for children under age 12 have been merged into a single collection. Any volume in all four libraries is available to any Olney citizen. A central card catalog is used. The operation of the program has disclosed a number of advantages. The initiation of the program was accomplished with no additional costs except for the summer salary of the library coordinator and the provision of one half-time teacher's aide in the high school library. The unified program represents the first steps in reaching its original objective of creating a more efficient source of information services to the citizenry.

BIBLIOGRAPHY:

1. Kitchens, James A. [and others]. A community cultural arts center merging public and school library services in Olney, Texas: a research and demonstration project. Final report. Denton, TX: North Texas State University; 1974 January 21; Grant #OEG-0-72-0773: Project #R02-0180. 134p. Available from: EDRS; ED 093 292.

2. Kitchens, James A. The Olney venture: an experiment in coordination and merger of school and public libraries. Community Service Report No. 4. Denton, TX: North Texas State University; Grant #OEG-0-72-0773; Project #R02-0180. 61p.

3. Kitchens, James A. Merger without jeopardy: an overview of the Olney project. Guy Garrison, ed. Total community library service. Chicago: American Library Association; 1973.

4. Kitchens, James A. Public libraries and school libraries--is there a better way? Texas Libraries; 1973; 35: 17-22.

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6. Kitchens, James A. Merge public and school libraries? Wilson Library Bulletin; 1972; 46: 947.

7. Kitchens, James A. North Texas State University: school-public library study. Library Journal; 1972; 107: 2892.

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9. Kitchens, James A. Texas University studies merger of school and public libraries. Library Journal; 1972; 97: 2024.

10. Kimbro, Sandra; Williams, Frank R. The Olney experiment: a progress report. Denton, TX: North Texas State University; 1974.

11. Kitchens, James A.; Hanvey, Edna. Intellectual pursuits and selected characteristics of social class. Southwestern social science meeting; Dallas, TX.

12. Kitchens, James A. Institutional changes at the grass roots level: a statement of proposed cooperation between school and public libraries in a small town. District meeting, Texas Library Association; 1973; Bridgeport, TX.

13. Kitchens, James A.; Williams, Frank R. Extra-local influences on communities informational needs. Texas Academy of Science meeting; 1974; Denton, TX.

14. Kitchens, James A. [and others]. The relationship between selected demographic variables and attitudes toward intellectual freedom. Texas Library Association; 1974; San Antonio, TX.

PR-1250

INSTITUTION: Administration and Management Research Association of New York City, N.Y.
ADDRESS: 250 Broadway, New York, New York 10007
PRINCIPAL INVESTIGATOR: Mann, Allan
TITLE: Development and Demonstration of a Computer-Assisted Citizen Information Resource System to Enable Urban Residents to Make Maximum Use of Available Public Services.
GRANT NUMBER: OEG-0-72-1625
PROJECT NUMBER: R02-0205
PROJECT DURATION: Start Date 27 Mar 72; End Date 31 May 74
FY FUNDING: FY72-$49,925 27-Mar-72 to 31-May-74
TOTAL PROJECT DOLLARS: $49,925
PROJECT CATEGORY: Planning and development
DESCRIPTORS: City Wide Programs, Community Agencies (Public), *Community Information Services, *Computer Programs, Data Bases, Data Collection, *Directories, Information Retrieval, *Information Systems, Publicize, Surveys, *Systems Development, Urban Areas
IDENTIFIERS: Data Retrieval System, DRS, New York (New York), *Project IRMA

A comprehensive urban services information system that produced and maintained directories of city agency services and function for New York City was developed. The directories produced by the project, called the Information and Referral Manual (IRMA) project, describe services offered, office locations, telephone numbers, hours of operation, eligibility requirements, and procedures for receiving services. IRMA used the Data Retrieval System (DRS) for its data-base management system, and was designed for use by governmental bodies other than New York City.

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1. Brooks, Rae; Eastman, Danielson J. Project IRMA: development and demonstration of a computer-assisted citizen information resource system to enable urban residents to make use of available public services. Final report. Volume I. New York, NY: Administration and Management Research Association of New York City; 1974 July 1; Grant #OEG-0-72-1625; Project #R02-0205. 91p. Available from: EDRS; ED 104 447.

2. Brooks, Rae; Eastman, Danielson J. Project IRMA: development and demonstration of a computer-assisted citizen information resource system to enable urban residents to make use of available public services. Final report. Volume II, appendix. New York, NY: Administration and Management Research Association of New York City; 1974 July 1; Grant #OEG-0-72-1625; Project #R02-0205. 352p. Available from: EDRS; ED 104 448.

PR-1260

INSTITUTION: Washington State Library, Olympia.
ADDRESS: Olympia, Washington, 98504
PRINCIPAL INVESTIGATOR: Hamilton, Ruth Hewitt
TITLE: Planning Peoject for Community Learning Center.
GRANT NUMBER: OEG-0-72-1477
PROJECT NUMBER: R02-0410; R02-0410 A
PROJECT DURATION: Start Date 20 Mar 72; End Date 14 Apr 73
FY FUNDING: FY72-$55,000 20-Mar-72 to 20-Sep-72; FY73-$9,990 21-Sep-72 to 14-Apr-73
TOTAL PROJECT DOLLARS: $64,990
PROJECT CATEGORY: Planning and development
DESCRIPTORS: City Wide Programs, Community Agencies (Public), *Community Programs, *Cooperative Planning, Educational Programs, *Human Services, *Learning Laboratories, *Program Planning, Social Services, State Agencies
IDENTIFIERS: *Seattle Community Learning Center

To extend education and social outreach to members of the community that were not being served in adult basic education, occupational skills, child care, health assistance, family counseling, recreation, and social service referral, a joint project of state, county, and city agencies was carried out. Project activities included project design and development, community involvement, the development of library and informational resources, formation of educational social service, and technological systems concepts, and governance considerations and evaluation. The project resulted in the development and implementation of the Seattle Community Learning Center.

BIBLIOGRAPHY:

1. Miller, W. Tom. Seattle community learning center demonstration project. Final report. Olympia, WA: Washington State Library; 1973 April; Grant #OEG-0-72-1477; Project #R02-0410.

PR-1270
INSTITUTION: Saint Louis Junior Coll. District, Ferguson, Mo. Florissant Valley Community Coll.
ADDRESS: 3400 Pershall Road, St. Louis, Missouri 63135
PRINCIPAL INVESTIGATOR: Duvall, Betty
TITLE: Proposed Model for Combined and Integrated Resources for Community Learning Experiment.
GRANT NUMBER: OEG-0-72-4738
PROJECT NUMBER: L0075JA; R02-0412; R02-0412 A; R02-0412 B
PROJECT DURATION: Start Date 15 Jun 72; End Date 30 Sep 75
FY FUNDING: FY72-$135,000 15-Jun-72 to 15-Jun-73; FY73-$7.000 16-Jun-73 to 15-Jun-74; FY73-$119,952 16-Jun-73 to 15-Jun-74; FY74-$25,000 16-Jun-74 to 30-Sep-75
TOTAL PROJECT DOLLARS: $286,952
PROJECT CATEGORY: Planning and development
DESCRIPTORS: College Role, *Community Agencies (Public), *Community Attitudes, Community Colleges, *Community Resources, *Community Surveys, *Educational Demand, Educational Resources, Females, *Human Services, *Information Needs, Models, Needs Assessment, Older Adults, Outreach Programs, Participant Characteristics, School Community Relationship, Transportation, Blacks

The identification of constraints on community access to sources of information and assistance, such as public agencies, was the primary aim of this project. A survey was conducted of the educational-/informational needs of three target groups: women, Blacks, and older people. Transportation problems for the groups were also investigated. The attitudes of the groups as to interest in courses, site selection, class programming, and preferred instructional modes were elicited. Results of the survey showed that about 20% of the respondents had not heard of public agencies, and many others did not use the agencies. It was also found that a large number of the people learned about public agencies from their friends. Primary complaints about transportation were that it took too long and that the bus routes were inadequate. The data indicated that the respondents preferred four-week courses or sessions, and lectures or educational courses, literature, personal counseling, and radio or television were their preferences as to the means for receiving information. The primary need in areas of human needs was legal and consumer information. Other areas in which information was needed were employment, insurance, social benefit programs, housing, recreation, and health services.
BIBLIOGRAPHY:
1. System Development Corporation; Florissant Valley Community College. Project CIRCLE. Final report. Ferguson, MO; 1974 June 21; Grant #OEG-0-72-4738; Project #R02-0412. and L0075JA; Report #TM-5345. 238p. Available from: EDRS; ED 101 793.

PR-1280
INSTITUTION: Drexel Univ., Philadelphia, Pa. Graduate School of Library Science.
ADDRESS: 33rd and Lancaster Streets, Philadelphia, Pennsylvania 19104
PRINCIPAL INVESTIGATOR: Childers, Thomas
TITLE: Knowledge/Information Needs of the Disadvantaged.
GRANT NUMBER: OEG-0-72-4688
PROJECT NUMBER: R02-0413; R02-0413 A
PROJECT DURATION: Start Date 15 Jun 72; End Date 15 Jul 73
FY FUNDING: FY72-$28,661 15-Jun-72 to 15-May-73; FY73-$1,800 16-May-73 to 15-Jul-73
TOTAL PROJECT DOLLARS: $30,461
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *Adults, American Indians, *Bibliographies, Blind, Caucasians, Consumer Education, Deaf, Depressed Areas (Geographic), *Disadvantaged Groups, Economically Disadvantaged, Education, Employment, Eskimos, Ethnic Groups, Family Life Education, Farmers, Health Education, Housing, *Information Needs, Legal Aid, *Literature Reviews, Mexican Americans, Migrant Workers, Older Adults, Political Issues, Prisoners, Puerto Ricans, Recreation, Spanish Americans, Transportation, Welfare Services, Blacks
IDENTIFIERS: *Information Poor

A survey was made of various types of literature related to the knowledge/information needs of adults in the United States who are disadvantaged in several ways: age. poverty, handicaps, racial and cultural discrimination, unemployment, and undereducation. The information-poor adults were found to be in the following major groups: Mexican-Americans, Puerto Ricans, and other Spanish Americans; American Indians and Eskimos; Poor Black Americans and White Americans; Appalachians; Poor Farmers; Migrant Workers; Aging Adults; Prisoners; and the Blind or Deaf. Areas of information need were: health, home and family, consumer affairs, housing, employment, welfare programs, law, the political process, transportation, education, and recreation. From the survey, it was concluded that: (1) the body of research on the information needs of the disadvantaged was unenven and uncoordinated; (2) the disadvantaged adult was different from the average adult in his level of awareness of information sources, the way he used information and information sources, his general level of informedness on a variety of topics, and somewhat in the kinds of information he needed; (3) longitudinal research and studies with broader bases are needed in order to integrate the currently fragmented knowledge; and (4) controlled experimentation with a variety of methods of packaging and delivering information to the disadvantaged is needed. A 763-item bibliography resulted from the literature survey.
BIBLIOGRAPHY:
1. Childers, Thomas. Knowledge/information needs of the disadvantaged. Final report. Philadelphia, PA: Drexel University, Graduate School of Library Science; 1973 October; Grant #OEG-0-72-4688; Project #R02-0413. 143p.
2. Childers, Thomas; Post, Joyce A. The information-poor in America. Metuchen, NJ: Scarecrow Press, Inc.; 1975. 182p. (ED 101 731).

PR-1290
INSTITUTION: East Central State Coll., Ada, Okla.
ADDRESS: Ada, Oklahoma 74820
PRINCIPAL INVESTIGATOR: Garner, Robert V.
TITLE: The Planning, Development, and Demonstration of a Delivery System of Library and Learning Services in a Ten-County Rural Area of Oklahoma.
GRANT NUMBER: OEG-0-72-1431
PROJECT NUMBER: L0006JA; R02-0476; R02-0476 A
PROJECT DURATION: Start Date 15 Mar 72; End Date 1 Feb 75
FY FUNDING: FY72-$59,000 15-Mar-72 to 15-Mar-73; FY73-$58,372 15-Mar-73 to 30-Jun-74; FY74-$15,000 30-Jun-74 to 01-Feb-75
TOTAL PROJECT DOLLARS: $132,372
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: Consortia, Cultural Centers, Data Analysis, *Delivery Systems, Demonstration Projects, Educational Needs, Educational Resources, Financial Support, *Information Centers, Information Needs, *Interinstitutional Cooperation, Legislation, Library Planning, *Library Services, *Resource Centers, Rural Areas, Surveys
IDENTIFIERS: *Multicounty Chickasaw Library System, Oklahoma

A resource and service center to provide greater learning resources, education and information services, and cultural opportunities for residents of a 10-county area in Southern Oklahoma was planned and implemented. In the first phase of the project, necessary demographic and resource surveys and planning activities were initiated. Efforts were made to obtain State, private, and Federal funding as well as the cooperation of local resource centers. In the second phase, these activities were continued, with attention being directed to specific projects. These projects included a three-college consortia on arts and humanities, work with the Chickasaw Tribal Government, development of enabling legislation, etc. The third phase activities included the transfer of sponsorship to local educational agencies and other concerned agencies, an analysis of activities and

problems encountered, suggestions for implementation, data reduction and analysis, and the preparation of a final project report.

BIBLIOGRAPHY:

1. Garner, Robert V.; Darnell, Bill H. The planning, development and demonstration of a delivery system of library and learning services in a ten county rural area of Oklahoma. Annual report. Ada, OK: East Central State University; 1973 March 15; Grant #OEG-0-72-1431; Project #R02-0476. 57p.

2. Garner, Robert V.; Hicks, Henry T. The planning, development of a delivery system of library and learning services in a ten-county rural area of Oklahoma. Supplement to final report. Ada, OK: East Central State University; [1975 April 10]; Grant #OEG-0-72-1431; Project #R02-0476. 254p.

PR-1300

INSTITUTION: Appalachian State Univ., Boone, N.C.

ADDRESS: Boone, North Carolina 28607

PRINCIPAL INVESTIGATOR: Newman, Mayrelee F.

TITLE: Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina.

GRANT NUMBER: OEG-0-72-1432

PROJECT NUMBER: R02-0560; R02-0560 A

PROJECT DURATION: Start Date 10 Mar 72; End Date 31 Oct 74

FY FUNDING: FY72-$41,334 10-Mar-72 to 10-Sep-73; FY73-$18,500 10-Sep-73 to 31-Oct-74

TOTAL PROJECT DOLLARS: $59,834

PROJECT CATEGORY: Institutional Cooperation

DESCRIPTORS: *Adult Basic Education, Basic Skills, *Delivery Systems, Demography, Demonstrations (Educational), Depressed Areas (Geographic), Dropout Teaching, Educational Opportunities, Home Instruction, Instructional Materials, *Learning Laboratories, *Library Extension, Library Services, Mathematics Instruction, *Models, Program Evaluation, Reading Instruction, Rural Areas, Teaching Techniques, Writing Skills

IDENTIFIERS: Appalachia, Avery Mitchell Yancey Regional Library, Maryland Technical Institute, *North Carolina

To improve the basic reading, writing, an computational skills of youthful dropouts and adults in three rural, impoverished Appalachian counties, a cooperative program of the Appalachian State University, Maryland Technical Institute, and Avery-Mitchell-Yancey Regional Library was planned and implemented. The program utilized the resources of the three institutions to increase the accessibility of relevant materials. A means of measuring the strengths of various adult basic education strategies in the region was designed. To validate the appropriateness of certain commonly used analytic descriptors, a profile of the student personality factors and the utilization patterns was also established. Phase One of the project included planning and coordination of proposed activities. In Phase Two, recommendations of a task force of experts were implemented, and the indicators were evaluated. The evaluation showed that: (1) libraries had little impact upon the user or non-user in relation to literacy efforts; (2) a slight gain in self-concept was found in the adults who had spent several months in study when compared with those who were beginning ABE programs; and (3) the use of paraprofessional home visitors did enable functional illiterates to gain basic coping skills.

BIBLIOGRAPHY:

1. Newman, Mayrelee F. Cooperative planning to maximize adult basic education opportunities through public library extension in Appalachian North Carolina. Final report. Boone, NC: Appalachian State University; 1975 October; Grant #OEG-0-72-1432; Project #R02-0560. 164p. Available from: EDRS; ED 125 669.

PR-1310

INSTITUTION: Morehead State Univ., Ky. Appalachian Adult Education Center.

ADDRESS: University Boulevard, Morehead, Kentucky 40351

PRINCIPAL INVESTIGATOR: Eyster, George W.

TITLE: The Interrelating of Library and Basic Education Services for Disadvantaged Adults: A Demonstration of Four Aiternative Working Models.

GRANT NUMBER: OEG-0-72-2523

PROJECT NUMBER: L0052JA; R02-0810; R02-0810 B; R02-0810 C

PROJECT DURATION: Start Date 21 Apr 72; End Date 30 Jun 75

FY FUNDING: FY72-$267,107 21-Apr-72 to 30-Sep-73; FY73-$252,418 01-Jul-73 to 30-Jun-74; FY74-$108,008 01-Jul-74 to 30-Jun-75

TOTAL PROJECT DOLLARS: $627,533

PROJECT CATEGORY: Institutional Cooperation

DESCRIPTORS: *Adult Basic Education, Community Programs, *Demonstration Projects, Demonstrations (Educational), Depressed Areas (Geographic), Disadvantaged Groups, *Educationally Disadvantaged, Guides, Information Dissemination, Inservice Programs, *Library Cooperation, Library Education, Library Material Selection, Library Services, Outreach Programs, *Personal Adjustment, Public Libraries, *School Involvement

IDENTIFIERS: Alabama, *Appalachia, Georgia, Kentucky, Mississippi, Ohio, South Carolina, Tennessee, West Virginia

The relationship between the services of the public library and adult basic education (ABE), with special emphasis on the undereducated adult in Appalachia, was studied; projects demonstrating the interrelating of public library with public school services were implemented; and library institute series were conducted for public librarians. In the first year of the program, demonstration projects were developed in Alabama, South Carolina, Kentucky, and West Virginia. In the second year, the projects developed in the first year were continued, and additional projects were implemented in Ohio, Georgia, and Tennessee. During the third year of the program, additional projects were implemented in Kentucky and Mississippi. A total of 31 communities were involved in the demonstration projects. Findings of the three-year program were: (1) coping skills collections should be available to the community; (2) outreach services should be considered necessities; (3) evening and weekend services must be available; (4) advertising should be adapted to the new consumer; (5) multimedia materials were desirable; (6) free magazines, paperbacks, and sewing pattern exchanges were ways of getting print into homes; (7) arranging a series of exposure to library services is likely to make new users; (8) ABE classes in public libraries were an effective method of ensuring new patrons; (9) advisory boards involving undereducated adults were most important; and (10) information and referral services fill a gap in community life.

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1. Morehead State University. The interrelating of library and basic education services for disadvantaged adults: a demonstration of four alternative working models. Annual report. Volume I. Morehead, KY: Appalachian Adult Education Center; 1973 June; Grant #OEG-0-72-2523; Project #R02-0810. 106p. Available from: EDRS; ED 098 985.

2. Morehead State University. The interrelating of library and basic education services for disadvantaged adults: a demonstration of four alternative working models. Annual report. Volume II. Morehead, KY: Appalachian Adult Education Center; 1973 June; Grant #OEG-0-72-2523; Project #R02-0810. 51p. Available from: EDRS; ED 098 986.

3. Gwin, Ann. A demonstration of the interrelating of library and basic education services for disadvantaged adults. Final report, Alabama model center. Morehead, KY: Morehead State University, Appalachian Adult Education Center; 1973 June; Grant #OEG-0-72-2523; Project #R02-0810. 135p. Available from: EDRS; ED 087 398.

4. Jones, Roland. A demonstration of the interrelating of library and basic education services for disadvantaged adults. Final report, Kentucky model center. Morehead, KY: Morehead State University, Appalachian Adult Education Center; 1973 June; Grant #OEG-0-72-2523; Project #R02-0810. 252p. Available from: EDRS; ED 087 399.

5. McMillan, Eunice. A demonstration of the interrelating of library and basic education services for disadvantaged adults. Final report. Richland County School District Number One. Morehead, KY: Morehead State University, Appalachian Adult Education Center; 1973 June; Grant #OEG-0-72-2523; Project #R02-0810. 123p.

Available from: EDRS; ED 087 400.

6. MacVicar, Phyllis. A demonstration of the interrelating of library and basic education services for disadvantaged adults. Final report, West Virginia model center. Morehead, KY: Morehead State University, Appalachian Adult Education Center; 1973 June; Grant #OEG-0-72-2523; Project #R02-0810. 77p. Available from: EDRS; ED 087 401.

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8. Eyster, George W. Institute series for developing public library services for disadvantaged adults. Annual report, 1974. Volume II. Morehead, KY: Morehead State University, Appalachian Adult Education Center; 1975 February; Grant #OEG-0-72-2523; Project #R02-0810. 106p. Available from: EDRS; ED 111 411.

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29. Owens, Major R. The library advisory committee. Public library training institutes library service guide no. 29. Morehead, KY: Morehead State University, Appalachian Adult Education Center; 1975 July; Grant #OEG-0-72-2523. 28p. Available from: EDRS; ED 112 884.

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35. Morehead State University. Coping skills materials. A list of sources. Library service guide series. Revised edition. Morehead, KY: Appalachian Adult Education Center; 1974 October; Grant #OEG-0-72-2523. 68p. Available from: EDRS; ED 098 976.

36. Morehead State University. Coping skill categories: areas of information need for disadvantaged adults. Library service guide series. Eleventh revised edition. Morehead, KY: Appalachian Adult Education Center; 1974 August; Grant #OEG-0-72-2523. 17p. Available from: EDRS; ED 098 977.

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PR-1320

INSTITUTION: System Development Corp., Santa Monica, Calif.
ADDRESS: 2500 Colorado Avenue, Santa Monica, California 90406
PRINCIPAL INVESTIGATOR: DeLanoy, Diana D.
TITLE: Preparation of a Supplement to the Directory of Academic Library Consortia.
CONTRACT NUMBER: OEC-0-72-1243
PROJECT NUMBER: R02-0823
PROJECT DURATION: Start Date 15 Mar 72; End Date 15 Oct 72
FY FUNDING: FY72-$23,975 15-Mar-72 to 15-Oct-72
TOTAL PROJECT DOLLARS: $23,975
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: *College Libraries, *Consortia, Directories, Information Dissemination, *Interinstitutional Cooperation, *Library Cooperation, Publications, State Programs, *University Libraries
IDENTIFIERS: *Directory of Academic Library Consortia

To provide supplementary information to the "Directory of Academic Library Consortia," a publication was produced identifying and describing all library consortia and cooperatives that include academic libraries as members that were not included in the "Directory." The categories of consortia included in the "Supplement to the Directory of Academic Library Consortia" were: (1) consortia with memberships consisting of 49% or fewer academic libraries; (2) informal cooperative arrangements; (3) state-administered cooperative programs; (4) cooperatives that were becoming operational; (5) educational consortia with a limited degree of interlibrary cooperation; and (6) cooperative arrangements among the various campuses of single institutions. (See also PR 1040.)

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1. Mantius, Kean. Supplement to the directory of academic library consortia. Santa Monica, CA: System Development Corporation; 1972 October; Contract #OEC-0-72-1243; Project #R02-0823; Report #TM-5018-000-00. 245p. Available from: EDRS; ED 072 820.

2. Mantius, Kean. Supplement to the directory of academic library consortia. Santa Monica: System Development Corporation; 1972. 238p.

PR-1330

INSTITUTION: California Univ., Berkeley. Inst. of Library Research.
ADDRESS: Berkeley, California 94720
PRINCIPAL INVESTIGATOR: Bourne, Charles P.
TITLE: Survey of Library and Information Problems of Prison Populations.
GRANT NUMBER: OEG-0-72-2531
PROJECT NUMBER: R02-0847
PROJECT DURATION: Start Date 21 Apr 72; End Date 31 Jan 74
FY FUNDING: FY72-$77,475 21-Apr-72 to 31-Jan-74
TOTAL PROJECT DOLLARS: $77,475
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: Administrator Guides, Bibliographies, *Corrective Institutions, *Information Needs, *Institution Libraries, Law Libraries, Legal Aid, Library Cooperation, Library Planning, Library Reference Services, Library Role, *Library Services, Library Surveys, *Prisoners, Reference Materials, Special Libraries
IDENTIFIERS: Federal Bureau of Prisons, Legal Reference Materials, *Prison Libraries, Right to Read

On-site visits were made to all Federal and to some State prisons in 10 states to obtain information on which to base decisions regarding prison library and information services. The specific areas studied were library goals and objectives, relationship of the library to the total institution and the outside community, the role of the correctional institution librarian, and administrative structure and responsibilities. In addition, to discern the states' compliance with court mandates to provide prisoners with adequate legal counsel or access to legal reference materials, a questionnaire was administered to state consultants, the findings being updated and expanded by later contacts with institutional consultants. A major finding of the site-visits was that there was an acute need for improved library services in the prisons. Some of the factors necessary to such improvement were: recognition of the inmates' right-to-read, stable funding to allow systematic planning, communication and cooperation between the institution and outside libraries, service to staff as well as to the inmates, prisoner participation in developing library services, and administrative support. Responses to the questionnaire indicated that states were trying to comply with court-ordered requirements, but few had provided services and materials to meet established standards. Some problems noted were: inadequate funding, lack of librarians trained in legal reference work, lack of easy use of materials, the need to train inmates in the use of materials, and limited access to materials outside the prison.

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1. American Correctional Association. Guidelines for legal reference service in correctional institutions: a tool for correctional administrators. Berkeley, CA: University of California, Institute of Library Research; 1973 March; Grant #OEG-0-72-2531; Project #R02-0847. 22p. Available from: American Correctional Association, College Park, MD and from EDRS; ED 077 518.

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4. LeDonne, Marjorie [and others]. Survey of library and information problems in correctional institutions. Volume 3: current practices in correctional library services: state profiles. Final report. Berkeley, CA: University of California, Institute of Library Research; 1974 January; Grant #OEG-0-72-2531; Project #R02-0847; Report #ILR-73-010. 73p. Available from: EDRS; ED 095 844.

5. LeDonne, Marjorie [and others]. Survey of library and information problems in correctional institutions. Volume 4: bibliography. Final report Berkeley, CA: University of California, Institute of Library Research; [1974 January]; Grant #OEG-0-72-2531; Project #R02-0847; Report #ILR-73-011. 33p. Available from: EDRS; ED 095 845.

PR-1340

INSTITUTION: Cleveland Public Library, Ohio.
ADDRESS: 325 Superior Avenue, Cleveland, Ohio 44114
PRINCIPAL INVESTIGATOR: Curley, Walter W.; Henington, David M.
TITLE: A Proposal to Research and Design Criteria for the Implementation and Establishment of a Neighborhood Information Center in Five Public Libraries in Five Cities: Atlanta, Cleveland, Detroit, Houston, Queensborough.
GRANT NUMBER: OEG-0-72-5168
PROJECT NUMBER: L0075JA; R02-0860; R02-0860 A
PROJECT DURATION: Start Date 1 Jul 72; End Date 30 Jun 75
FY FUNDING: FY72-$324,000 01-Jul-72 to 30-Jun-73; FY73-$319,824 01-Jul-73 to 30-Jun-74; FY74-$235,000 01-Jul-74 to 30-Jun-75
TOTAL PROJECT DOLLARS: $878,824
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *Community Information Services, *Consortia, Feasibility Studies, Guides, *Information Centers, Information Dissemination, Information Needs, Library Cooperation, *Library Facilities, *Library Programs, Program Planning, Public Libraries, Seminars, Staff Improvement, Urban Areas
IDENTIFIERS: Georgia (Atlanta), Michigan (Detroit), New York (Queensborough), Ohio (Cleveland), Texas (Houston)

Ten neighborhood information centers were developed by a consortia of five public libraries in five cities–Atlanta, Cleveland, Detroit, Houston, and Queensborough. During the first year of the program, the work was carried out in three phases. Phase I was a feasibility study of the development of a neighborhood information center in a branch library. In Phase II, an over-all planning study was carried out to provide criteria and guidelines for the centers in the five cities. Phase III was the implementation phase, which was based upon the research and recommendation derived from the first two phases. In the second year of the project, the Cleveland Public Library, as consortia coordinator, continued its supervision of the operation and evaluation of the 10 neighbothood information centers of the five libraries. Criteria and guidelines were reviewed, staff training was carried out; two national seminars were held; recommendations made during the first year were reexamined and refined; information and research findings were disseminated; and liaison was maintained with officials, with State, National and regional library associations, with State library agencies, and with graduate schools and research centers. The third year of the project provided replication of techniques to the five libraries and on-site training of system-wide information personnel.
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1. Turick, Dorothy Ann. A proposal to research and design criteria for the implementation and establishment of a neighborhood information center in five public libraries in five cities: Atlanta, Cleveland, Detroit, Houston, Queensborough. Annual report. Cleveland, OH: Cleveland Public Library; 1973 September; Grant #OEG-0-72-5168; Project #R02-0860. 76p. Available from: EDRS; ED 087 490.
2. Childers, Thomas. Third year continuation of a research and design criteria for the implementation and establishment of a neighborhood information center in five public libraries: Atlanta, Cleveland, Detroit, Houston, and Queens Borough. Final summary report. Houston, TX: Houston Public Library; 1975 November; Grant #OEG-0-72-5168; Project #L0075JA. 73p. Available from: EDRS; ED 143 366.

PR-1350

INSTITUTION: Monroe County Library System, Rochester, N.Y.
ADDRESS: 115 South Avenue, Rochester, New York 14604
PRINCIPAL INVESTIGATOR: Adams, Kathlyn C.
TITLE: The Right to Read for Adults: An Investigation of the Library's Role in a Cooperative Venture with the Model Neighborhood Program - Rochester, New York.
GRANT NUMBER: OEG-0-72-4604
PROJECT NUMBER: R02-0981
PROJECT DURATION: Start Date 1 Jun 72; End Date 30 Nov 73
FY FUNDING: FY72-$10,000 01-Jun-72 to 30-Nov-73
TOTAL PROJECT DOLLARS: $10,000
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: *Adult Basic Education, *Community Information Services, *Educationally Disadvantaged, Information Dissemination, *Library Cooperation, Library Materials, *Library Programs, Library Technicians, Staff Improvement
IDENTIFIERS: Model Cities, *New York (Rochester)

The "Adult Right-to-Read" Project was designed by the Monroe County Library System as a cooperative venture with Model Cities and the Adult Basic Education Department of the City School District of Rochester, New York, to explore methods for introducing people to library services and an ABE program in the Model Cities area. The program was designed to utilize library facilities, materials, and staff, and to complement an existing ABE program. Two library aides, one Spanish-speaking, were hired to work in the community. They received instruction in community work, library services, the operation of audiovisual equipment, and were oriented as to the functions and structure of the Model Cities organization and its ABE component. An advisory task force, including Model Cities and library staff members, local inhabitants, and a representative from the Model Neighborhood Council, was formed. Programs for the staff were devised to foster better services by the project staff, librarians, and Model Cities personnel. Programs carried out by the three libraries serving the project area were concerned with: jobs/career information; office practices; cooking; a training course for minority businessmen; and a library orientation session was part of another training course. Materials acquisition and development were important elements in the program. The library aides distributed materials describing and/or promoting the senior employment program, toy safety, the Supplementary Security Income changeover, and a proposed City Charter change. The project showed the viability of "charting cooperative agency effort for efficient and effective service."
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1. Adams, Kathlyn C. Right-to-read for adults. Final report. Rochester, NY: Monroe County Library System; 1974 March; Grant #OEG-0-72-4604; Project #R02-0981. 38p. Available from: EDRS; ED 098 393.

PR-1360

INSTITUTION: Florida A and M Univ., Tallahassee.
ADDRESS: P. O. Box 78-A, Tallahassee, Florida 32307
PRINCIPAL INVESTIGATOR: Gaymon, Nicholas E.
TITLE: Minority Program Development for Libraries and Learning Resources.
GRANT NUMBER: OEG-0-72-4712
PROJECT NUMBER: R02-1019
PROJECT DURATION: Start Date 30 Jun 72; End Date 30 Sep 74
FY FUNDING: FY72-$115,935 30-Jun-72 to 30-Sep-74
TOTAL PROJECT DOLLARS: $115,935
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: Clearinghouses, Conferences, Consortia, Consultants, Library Cooperation, *Library Planning, *Minority Groups, *Needs Assessment, *Program Planning, Resource Materials, Black Literature, Blacks

Systematic program development for libraries and resource centers for minority constituencies was carried out. To accomplish this, the following activities were necessary: coordination of program for the development of Negro research libraries; supporting conference expenses for specialized groups to discuss library needs of minority constituencies; establishing groups of consultants and coordination of meetings of selected members to address specific Office of Education or constituent issues; serving as a clearinghouse for handling coordination, communication, and dissemination; supporting special analytical studies to determine needs, priorities, and plans; and developing necessary plans and initiating measures to support effective

management of ethnic collections and library consortia.

BIBLIOGRAPHY:

1. Florida Agricultural and Mechanical University; Urban Resource Systems. A national network for the acquisition, organization, processing and dissemination of materials by and about blacks. Tallahassee, FL; Haslett, MI; 1974 January; Grant #OEG-0-72-4712; Project #R02-1019. 90p. Available from: EDRS; ED 089 784.

PR-1370

INSTITUTION: College Entrance Examination Board, New York, N.Y.
ADDRESS: 888 Seventh Avenue, New York, New York 10019
PRINCIPAL INVESTIGATOR: Toro, Jose O.
TITLE: Nontraditional Study - The Public Library Approach.
GRANT NUMBER: G007500743; OEG-0-72-5193
PROJECT NUMBER: 475AH50166; L0061JA; R02-1213; R02-1213 A
PROJECT DURATION: Start Date 27 Jun 72; End Date 31 Jul 76
FY FUNDING: FY72-$25,000 27-Jun-72 to 31-Jan-73; FY73-$112,500 01-Feb-73 to 14-Jun-74; FY74-$113,867 15-Jun-74 to 15-Aug-75; FY75-$73,957 16-Aug-75 to 31-Jul-76
TOTAL PROJECT DOLLARS: $325,324
PROJECT CATEGORY: Education and Training
DESCRIPTORS: *Adult Education Programs, *Advisory Committees, Community Information Services, Data Analysis, Data Collection, *Independent Study, Inservice Programs, Library Cooperation, *Library Services, Models, Program Evaluation, *Public Libraries, Staff Improvement, Surveys
IDENTIFIERS: *Learners Advisory Service, Nontraditional Study

To provide adults with a viable learning alternative to formal classroom instruction, a Learners' Advisory Service was developed through the efforts of nine libraries. These libraries were: Atlanta Public Library, Denver Public Library, Enoch Pratt Free Library, Miami-Dade Public Library, Salt Lake City Public Library, St. Louis Public Library, Tulsa City-County Library, and Free Public Library of Woodbridge. During the first year, the libraries focused on service planning and staff training. Service planning was accomplished through program planning and evaluation groups established at each library. Staff training involved providing potential learners' advisors with an introduction to the skills and knowledges required in working with adult independent learners. The second year of the program was devoted to pilot testing the planned services. Each library designed its own data-collection system. Pilot testing results aided in the identification of additional training needs for learners' advisors, streamlining of service delivery procedures, and modifications to data collection and evaluation systems. The third year of the program was devoted to service expansion, to the development and use of a common data-collection system, and to the dissemination of information about service planning and delivery to public libraries throughout the country. Important outcomes of the project were: (1) the successful development and implementation of the Learners' Advisory Service concept increased attention to the need for providing more and better services to adults through the public library; (2) the successful integration of the service with Program Planning and Evaluation Management; (3) the formation of the Consortium for Public Library Innovation; (4) the identification of conditions which must be met in order for the Learners' Advisory Service to succeed in any library; and (5) the identification of background and training requirements associated with designing, modeling, and implementing a new service concept.

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1. College Entrance Examination Board. The role of public libraries in supporting adult independent learning: an interim assessment. New York, NY: Office of Library Independent Study and Guidance Projects; 1974 June; Grant #OEG-0-72-5193; Project #R02-1213, #L0061JA. 161p. Available from: College Entrance Examination Board, New York, NY and from EDRS; ED 094 681.

2. College Entrance Examination Board. Program summaries of the participating project libraries. New York, NY: Office of Library Independent Study and Guidance Projects; 1974 June; Grant #OEG-0-72-5193; Project #R02-1213, #L0061JA. 17p. Available from: College Entrance Examination Board, New York, NY and from EDRS; ED 094 682.

3. Mavor, Anne S. [and others]. The role of the public libraries in adult independent learning. Part I. New York, NY: College Entrance Examination Board; 1976 January; Grant #G007500743; Project #475AH50166. 203p. Available from: EDRS; ED 126 936.

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PR-1380

INSTITUTION: Syracuse Univ., N.Y. School of Education.
ADDRESS: 130 Huntington Hall, Syracuse, New York 13210
PRINCIPAL INVESTIGATOR: Ely, Donald P.
TITLE: Center for the Study of Information and Education.
GRANT NUMBER: OEG-0-72-5405
PROJECT NUMBER: L0023JA; R02-1301; R02-1301 A
PROJECT DURATION: Start Date 30 Jun 72; End Date 30 Jun 75
FY FUNDING: FY72-$160,000 30-Jun-72 to 30-Dec-73; FY73-$43,970 31-Dec-73 to 30-Jun-74; FY74-$22,892 01-Jul-74 to 30-Jun-75
TOTAL PROJECT DOLLARS: $226,862
PROJECT CATEGORY: Planning and development
DESCRIPTORS: *Cable Television, *Curriculum Development, Evaluation, *Information Needs, Information Science, *Information Systems, Library Education, *Library Science, Reports
IDENTIFIERS: *Center for the Study of Information and Education

To determine the information needs of various populations, the Center for the Study of Information and Education studied these needs as related to their identification, patterns, and means for satisfying them. A special survey study of the information needs of a rural area concentrated on what needs existed, by what types of people, and the means used in obtaining the needed information. Overall, it appeared that educational planners did not give enough consideration to information systems and that relatively few people were using libraries to obtain needed information.

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1. Syracuse University. Media specialists training program. Rationale for preparation of personnel to serve the learning resources needs of the schools. Syracuse, NY: Center for the Study of Information and Education; 1972 November; Grant #OEG-0-72-5405; Project #R02-1301. 11p.

2. Grotelueschen, Arden; Kemmis, Stephen. The evaluation of library demonstration projects. Syracuse, NY: Syracuse University, Center for the Study of Information and Education; 1973 June; Grant #OEG-0-72-5405; Project #R02-1301. 34p.

3. Ely, Donald P. Evaluation of leadership training institute, 1972-73. Syracuse, NY: Syracuse University, Center for the Study of Information and Education; 1973 October 31; Grant #OEG-0-72-5405; Project #R02-1301. 38p. Available from: EDRS; ED 093 303.

4. Ely, Donald P. The myths of information needs. Syracuse, NY: Syracuse University, Center for the Study of Information and Education; 1973 February; Grant #OEG-0-72-5405; Project #R02-1301. 3p.

5. Faibisoff, Sylvia G. [and others]. An introduction to information and information needs: comments and readings. Syracuse, NY: Syracuse, University, Center for the Study of Information and Education; 1973; Grant #OEG-0-72-5405; Project #R02-1301. 134p. Available from: EDRS; ED 093 282.

6. Syracuse University. Annual report. Syracuse, NY: Center for the Study of Information and Education; 1973; Grant #OEG-0-72-5405; Project #R02-1301. 85p.

7. Beltzer, Jack; Brown, James W. Needs for improvement of professional education in library and information science. Syracuse, NY: Syracuse University, Center for the Study of Information and Education; 1973; Grant #OEG-0-72-5405; Project #R02-1301. 72p. Available from: EDRS; ED 087 479.

8. Gee, Gerald M. Urban information needs: a replication. A report of the Syracuse/Elmira study. Syracuse, NY: Syracuse Univer-

sity, Center for the Study of Information and Education; 1974; Grant #OEG-0-72-5405; Project #R02-1301. 175p. Available from: EDRS; ED 107 285.

9. Rochell, Carlton C. Information explosion/deprivation implications for new towns. Syracuse, NY: Syracuse University, Center for the Study of Information and Education; 1974; Grant #OEG-0-72-5405; Project #R02-1301. 26p. Available from: EDRS; ED 093 279.

10. Bardwell, John. Information delivery systems--the alternative of cable TV. Syracuse, NY: Syracuse University, Center for the Study of Information and Education; 1974; Grant #OEG-0-72-5405; Project #R02-1301. 38p. Available from: EDRS; ED 093 280.

11. Richards, Berry; Oakey, Joseph H. Information systems for nontraditional study; the state-of-the-art. Syracuse, NY: Syracuse University, Center for the Study of Information and Education; 1974; Grant #OEG-0-72-5405; Project #R02-1301. 33p. Available from: EDRS; ED 093 281.

12. Gee, Gerald M. Rural information needs: the Hannibal Study. Syracuse, NY: Syracuse University, Center for the Study of Information and Education; 1975; Grant #OEG-0-72-5405; Project #R02-1301. 74p.

PR-1390

INSTITUTION: Chicago Public Library, Ill.
ADDRESS: 78 East Washington Street, Chicago, Illinois 60602
PRINCIPAL INVESTIGATOR: Bates, Henry E.
TITLE: Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago.
GRANT NUMBER: OEG-0-73-0843
PROJECT NUMBER: L0039JA; LD3-0001
PROJECT DURATION: Start Date 15 Jan 73; End Date 14 Jul 75
FY FUNDING: FY73-$50,000 15-Jan-73 to 14-Jul-74; FY74-$37,830 15-Jul-74 to 14-Jul-75
TOTAL PROJECT DOLLARS: $87,830
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: *Community Information Services, Cultural Education, High School Equivalency Programs, *Library Cooperation, *Library Extension, *Library Services, Material Development, Mexican Americans, *Neighborhood Centers, Outreach Programs, Reading Programs, Seminars
IDENTIFIERS: Illinois (Pilsen), *Project El Centro de la Causa Library

A Library and Information Center was implemented in the Pilsen neighborhood, with facilities located in the headquarters of a community-based organization called El Centro de la Causa. The purpose of the Center was to provide recreational reading materials, general information, consumer information, reference and non-fiction materials, records, tapes, cassettes, instruction in the use of the library, tutoring aids, and cultural programs. These services were designed principally for the Mexican-American inhabitants of the neighborhood. The basic staff of the Center were Chicanos in the community. In addition to the other services provided, a right-to-read program and GED classes were included as part of the tutoring program. Neighborhood outreach activities utilized a mini-van. Community seminars organized by the library staff concentrated on such topics as worker's rights, immigration, and nutrition. A media program was developed that had the capability of generating special program material.

BIBLIOGRAPHY:

1. Italia, Patrick V. Narrative report of the El Centro de la Causa library project, 1973-1975. Chicago, IL: Chicago Public Library; 1975 November 22; Grant #OEG-0-73-0843; Project #LD3-0001. 31p. Available from: EDRS; ED 125 671.

PR-1400

INSTITUTION: Cooperative Coll. Library Center, Inc., Atlanta, Ga.
ADDRESS: 159 Forrest Avenue, N.E., Atlanta, Georgia 30303
PRINCIPAL INVESTIGATOR: Davis, Hillis D.
TITLE: Cooperative Venture between the Ohio College Library Center and the Cooperative College Library for on-Line Technical Processing.
GRANT NUMBER: OEG-0-73-0457(506)
PROJECT NUMBER: LD3-0003
PROJECT DURATION: Start Date 1 Jul 73; End Date 30 Jun 74
FY FUNDING: FY73-$30,000 01-Jul-73 to 30-Jun-74
TOTAL PROJECT DOLLARS: $30,000
PROJECT CATEGORY: Technology
DESCRIPTORS: *College Libraries, *Cost Effectiveness, Data Bases, Interlibrary Loans, *Library Automation, *Library Cooperation, Library Services, Library Technical Processes, *On Line Systems, Black Colleges
IDENTIFIERS: Cooperative College Library, Ohio College Library Center

To decrease the cost of library materials through quantity purchasing and to decrease the cost of technical processing through on-line automation, a cooperative project was carried out by the Ohio College Library Center and the Cooperative College Library Center for centralized processing for 27 colleges. Evaluation of the project showed that: (1) cooperative academic technical processing centers using the OCLC system were cost beneficial to small colleges; (2) cooperatives using the OCLC system were improving library services at small colleges; (3) interlibrary loan services were improved through computerization; and (4) computerization of bibliographic data increased the purchasing power through cooperative, selective buying and interlibrary loan cooperation.

BIBLIOGRAPHY:

1. Davis, Hillis D. Continued support for on-line technical processing services from the Ohio College library center. Atlanta, GA: The Cooperative College Library Center; (1974); Grant #OEG-0-73-0457(506); Project #LD3-0003. 22p.

PR-1410

INSTITUTION: Indiana Univ., Bloomington.
ADDRESS: Memorial Hall, Bloomington, Indiana 47401
PRINCIPAL INVESTIGATOR: Reed, Sarah R.
TITLE: North American Library Education Directory and Statistics 1971-1973.
GRANT NUMBER: OEG-0-73-5151
PROJECT NUMBER: LD3-0004
PROJECT DURATION: Start Date 1 Jul 73; End Date 30 Apr 74
FY FUNDING: FY73-$11,087 01-Jul-73 to 30-Apr-74
TOTAL PROJECT DOLLARS: $11,087
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Colleges, *Directories, Foreign Countries, *Library Education, *Library Programs, *Library Surveys, National Programs, *Statistical Data, Universities
IDENTIFIERS: Canada, Costa Rica, Cuba, Guatemala, Jamaica, Mexico, Panama, Puerto Rico, United States

The "North American Library Education Directory and Statistics 1971-1973" was one of a series of surveys that originated in the Office of Education in 1963, and, as such, formed a part of the national library education statistical program. Questionnaires were mailed to U.S. and Canadian programs in October 1973. Information concerning library education in North America, other than the U.S. and Canada, was obtained by visits to programs and through correspondence. The seven parts of the directory that resulted from the survey are: (1) U.S. Graduate Library Education Programs, (2) U.S. Undergraduate Library Education Programs, (3) U.S. Library Technical Assistant Programs, (4) Library Education in Canada, (5) Library Education in North America outside the United States and Canada, (6) Directory of Institutions, and (7) Tables of Library Education Programs. The U.S. survey form was mailed to 561 institutions of higher education, of which 409 (73%) responsed. (See also PR-0820.)

BIBLIOGRAPHY:

1. Reed, Sarah R. Report relating to the preparation of the North American Library Education Directory and Statistics 1971-1973. Final report. Bloomington, IN: Indiana University, Graduate Library School; 1974 July; Grant #OEG-73-5151; Project #LD3-004. 30p. Available from: EDRS; ED 095 828.

2. Weintraub, D. Kathryn; Reed, Sarah, R., eds. North American

Library Education Directory and Statistics, 1971-1973. Bloomington, IN: Indiana University, Graduate Library School; 1974; Grant #OEG-0-73-5151; Project #LD3-0004. 122p. Available from: EDRS; ED 094 786.

PR-1420
INSTITUTION: Wisconsin Univ., Madison.
ADDRESS: 500 Lincoln Drive, Madison, Wisconsin 53706
PRINCIPAL INVESTIGATOR: Lyman, Helen H.
TITLE: Research Reports - Ethnic Groups for Handbook on the Adult New Reader and His Readings.
GRANT NUMBER: OEG-0-73-5160
PROJECT NUMBER: LD3-0005
PROJECT DURATION: Start Date 1 Jul 73; End Date 30 Sep 74
FY FUNDING: FY73-$11,710 01-Jul-73 to 30-Sep-74
TOTAL PROJECT DOLLARS: $11,710
PROJECT CATEGORY: Functional Development
DESCRIPTORS: *Adults, American Indians, Caucasians, *Ethnic Groups, *Evaluation Criteria, *Guides, *Material Development, Mexican Americans, Puerto Ricans, Reading Materials, Research Reviews (Publications), Values, Blacks
IDENTIFIERS: Appalachia

A handbook was developed as a guide to materials analysis criteria. Included are essays on values of five ethnic groups: Appalachian White, Black, Chicano, Puerto Rican, and Native American.
BIBLIOGRAPHY:
1. Lyman, Helen Huguenor. Reading and the adult new reader. Chicago: American Library Association; 1976. 259p.

PR-1430
INSTITUTION: Washington State Library, Olympia.
ADDRESS: Olympia, Washington 98504
PRINCIPAL INVESTIGATOR: Reed, Mary Jane
TITLE: Study for Design of an Optimum System for Mail Order Book Delivery System in the State of Washington.
GRANT NUMBER: OEG-0-74-0536
PROJECT NUMBER: LD4-0001
PROJECT DURATION: Start Date 23 Oct 73; End Date 30 Jun 74
FY FUNDING: FY73-$7,760 23-Oct-73 to 30-Jun-74
TOTAL PROJECT DOLLARS: $7,760
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Booklists, *Books, Catalogs, Cost Effectiveness, *Delivery Systems, Interviews, *Library Circulation, *Library Materials, Library Material Selection, *Library Services, Literature Reviews, Personnel Selection, Simulation, State Programs, Statistical Analysis
IDENTIFIERS: *Mail Order Book Delivery Service, Washington

Methods for providing mail-order delivery (MOD) of library materials to people who do not have access to a library were evaluated, and information as to the number of centers, operational techniques, cost projections, organization for on-going policy and fiscal control, and methods for periodic evaluation was developed. Investigation techniques included literature search, on-site observations, personal interviews, statistical analysis, mathematical modeling, and computer simulation. From the investigation, it was concluded that one MOD center to serve a state would effect cost savings over many centers and provide good postal delivery time. Recommendations were that: (1) vendor services be investigated in the areas of book selection, processing, annotation, and catalog production and mailing, (2) if more than one MOD center were established, and no vendor were used, all possible operations be centralized, (3) prior to the establishment of a MOD center, both post-office personnel and potential patrons be alerted, (4) the MOD catalog state clearly the pattern of catalog issuance, and be mailed at a steady rate (four catalogs per year, with about 500 titles appeared to be sufficient); (5) the MOD catalog emphasize the availability of materials not listed; (6) from a cost viewpoint, every title in the MOD collection be in demand, and duplication of titles be held to a minimum; (7) manual files in a MOD operations be kept to a minimum; (8) staffing permit same-day response for requests for on-shelf items. It was felt that the work of the MOD center could be carried out by nonprofessionals.
BIBLIOGRAPHY:
1. Reed, Mary Jane Pobst [and others]. Study for the design of an optimum system for mail order book delivery service in the state of Washington. Olympia, WA: Washington State Library; 1974 June; Grant #OEG-0-74-0536; Project #LD4-0001. 137p. Available from: EDRS; ED 094 713.

PR-1440
INSTITUTION: Indiana State Library, Indianapolis.
ADDRESS: 140 North Senate Avenue, Indianapolis, Indiana 46204
PRINCIPAL INVESTIGATOR: Markuson, Barbara E.
TITLE: Factors Affecting the Adaptation of Academic and Other Libraries to On-Line Networks.
GRANT NUMBER: OEG-0-74-0538
PROJECT NUMBER: LD4-0002
PROJECT DURATION: Start Date 1 Jan 74; End Date 31 Dec 74
FY FUNDING: FY73-$18,303 01-Jan-74 to 31-Dec-74
TOTAL PROJECT DOLLARS: $18,303
PROJECT CATEGORY: Technology
DESCRIPTORS: Cataloging, College Libraries, *Data Bases, Guides, *Information Networks, Information Systems, *Library Automation, *Library Surveys, *On Line Systems, Participant Satisfaction, Public Libraries, Questionnaires, Success Factors, University Libraries
IDENTIFIERS: OCLC, *Ohio College Library Center

A survey of 151 on-line users of the Ohio College Library Center (OCLC) system was made, with 79 usable responses received. The purpose of the study was to determine factors affecting the adaptation of a library to on-line operations, to provide guidelines for libraries planning to use on-line systems, and to make recommendations for further studies. The OCLC system was, at the time of the survey, basically a cooperative on-line shared cataloging system, with some 2,000,000 cataloging records making up its data base. Users of OCLC were Ohio libraries who were voting members of OCLC and those libraries and networks outside Ohio who contracted for OCLC services. Questionnaires were sent to three levels of library staff–top administration, middle management, and the terminal operator group. Results of the survey showed that: (1) there was a strong consensus at the three staff levels that on-line operations were better than previous methods of library operations; (2) there were strong favorable attitudes about the OCLC system at all three staff levels; (3) there was a strong concensus that the "middleman" network plays an important role and that the benefits of network membership outweigh the costs; (4) major factors identified by administrators as effecting successful transition to the system were staff enthusiasm and adaptability, the high number of usable records retrieved, local cataloging identical or similar to LC, and staff participation; (5) respondents obtained most of their training locally using OCLC manuals, and rated local training higher than training by OCLC staff; and (6) respondents tended to conform to LC practices and make extensive use of MARC records, but did not make as extensive use of OCLC records submitted by other libraries.
BIBLIOGRAPHY:
1. Markuson, Barbara E.; Tolliver, Don L. Factors affecting the adaptation of academic and other libraries to on-line networks. Final report. Indianapolis, IN: Indiana State Library; 1975 August 18; Grant #OEG-0-74-0538; Project #LD4-0002. 185p.
2. Markuson, Barbara E. The Ohio College library center system: a study of factors affecting the adaptation of libraries to on-line networks. Library Technology Reports; 1976 January; 12(1): 11-132.

PR-1450
INSTITUTION: Chicago Public Library, Ill.
ADDRESS: 78 East Washington Street, Chicago, Illinois 60602
PRINCIPAL INVESTIGATOR: Weibel, Kathleen; Krowe, Linda

TITLE: Inter-Agency Cooperation.
GRANT NUMBER: OEG-0-74-0537
PROJECT NUMBER: LD4-0004
PROJECT DURATION: Start Date 1 Nov 73; End Date 31 Jul 74
FY FUNDING: FY73-$6,984 01-Nov-73 to 31-Jul-74
TOTAL PROJECT DOLLARS: $6,984
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Community Agencies (Public), *Information Needs, *Interagency Cooperation, *Library Cooperation, Library Extension, *Library Skills, Models, Program Planning, *Public Libraries, Staff Improvement, Training Objectives

The needs of agencies served by Special Extension Services of the Chicago Public Library were explored. The objective of the survey was the design of a training program for community agencies staffs to meet the identified needs, and development of a model that would be adaptable to other interagency cooperative efforts of public libraries.

BIBLIOGRAPHY:

1. Weibel, Kathleen; Krowe, Linda D. Project to develop a training program for non-library staff involved in interagency cooperative library services: interagency cooperation. Final report. Chicago, IL: Chicago Public Library; 1974 September; Grant #OEG-0-74-0537; Project #LD4-0004. 58p. plus 17 appendices.

PR-1460
INSTITUTION: Vermont Community Colleges, Montpelier.
ADDRESS: P.O. Box 81, Montpelier, Vermont 05602
PRINCIPAL INVESTIGATOR: English, Marian S.
TITLE: A Collaborative Approach to Independent Study for Adults in Vermont: Public Libraries on the Adult Education Team.
GRANT NUMBER: OEG-0-74-0539
PROJECT NUMBER: LD4-0005
PROJECT DURATION: Start Date 1 Oct 73; End Date 1 Aug 74
FY FUNDING: FY73-$22,165 01-Oct-73 to 01-Aug-74
TOTAL PROJECT DOLLARS: $22,165
PROJECT CATEGORY: Functional Development
DESCRIPTORS: *Adult Education, Community Colleges, Demonstration Projects, Economically Disadvantaged, Educationally Disadvantaged, Independent Study, *Information Utilization, *Interagency Cooperation, Library Collections, *Library Cooperation, Library Research, Library Services, Models, *Public Libraries, Resource Materials, State Programs
IDENTIFIERS: *Vermont

The evaluation of the Public Libraries on the Adult Education Team Project investigated the problems encountered in an attempt to encourage better utilization of library resources by adult educators and learners. The Community College of Vermont, Adult Basic Education, and six small-town public libraries joined to encourage nontraditional library users to use their local libraries. In order to accomplish this, it was necessary to locate suitable materials in the libraries. It was also hoped that libraries would play a more important role in the development of independent studies. Results of the project were mixed. Progress was made in the devleopment of lines of communication between librarians and educators and in the placement of materials in libraries. Less successful were the attempts to make the libraries a point of access for disadvantaged students as well as the efforts to make the libraries less threatning to nonusers. Formal agreements were made to share resources during the project, but they were not extended because of inadequate finances. In the organization of a project of this nature, local planning and implementation should be emphasized first. Changes that required role adjustments proved to be the most difficult to implement. More progress was made in towns in which adult education agencies had strong programs.

BIBLIOGRAPHY:

1. Hooper, Alice P. A collaborative approach to independent study for adults in Vermont: public libraries on the adult education team. Final report. Montpelier, VT: Community College of Vermont; 1974 December; Grant #OEG-0-74-0539; Project #LD4-0005. 22p.

PR-1470
INSTITUTION: Columbia Univ., New York, N.Y. Teachers College.
ADDRESS: 525 120th Street, New York, New York 10027
PRINCIPAL INVESTIGATOR: Lange, Phil C.
TITLE: Public Library in the Network Mode; a Researched Position Paper.
CONTRACT NUMBER: OEC-0-74-0551
PROJECT NUMBER: LD4-0006
PROJECT DURATION: Start Date 28 Sep 73; End Date 30 Jun 74
FY FUNDING: FY73-$8,000 28-Sep-73 to 30-Jun-74
TOTAL PROJECT DOLLARS: $8,000
PROJECT CATEGORY: Technology
DESCRIPTORS: College Libraries, *Cost Effectiveness, Interinstitutional Cooperation, Interstate Programs, *Library Cooperation, *Library Networks, National Programs, *Public Libraries, Regional Libraries, Special Libraries, State Libraries, *Use Studies

The role of the public library within intertype library networks was studied, using published reports and information provided by selected State and regional libraries. Intertype networks cross jurisdictional, and often governmental, boundaries to join academic, special, and public libraries. The history, objectives, methods, and fiscal and administrative structures of intertype networks, their potential for interface with regional and national networks, and their cost effectiveness were assessed. Three large states with the most intertype networking experience–New York, California, and Illinois–were chosen for analysis. Networking activities in Maryland and Washington were also considered along with the Southwestern Library Interstate Cooperative Enterprise (SLICE), a normative multistate network. It was concluded that the intertype network was a rapidly spreading phenomenon and that the public library system commonly served as its nucleus. It was recommended that national coordination, with shared State and Federal responsibility, should begin. (See also PR-1080.)

BIBLIOGRAPHY:

1. Casey, Genevieve M. The public library in the network mode: a preliminary investigation. Commissioned papers project, no. 8. New York, NY: Columbia University, Teachers College; 1974 May; Contract #OEC-0-74-0551; Project #LD4-0006. 124p. Available from: EDRS; ED 098 990.

PR-1480
INSTITUTION: Miriam B. Wilson Foundation, Sullivan's Island, S.C.
ADDRESS: Box 446, Sullivan's Island, South Carolina 29482
PRINCIPAL INVESTIGATOR: Chase, Judith W.
TITLE: Reinforcement of a Black Cultural Museum through the Development of Its Library Resources in the Field of Black Studies to Provide Education and Research Material with a Wide Application.
GRANT NUMBER: G007500659; OEG-0-74-7309
PROJECT NUMBER: 475AH50090; L0008JA
PROJECT DURATION: Start Date 1 Jul 74; End Date 30 Jun 76
FY FUNDING: FY74-$45,000 01-Jul-74 to 30-Jun-75; FY75-$36,630 01-Jul-75 to 30-Jun-76
TOTAL PROJECT DOLLARS: $81,630
PROJECT CATEGORY: Functional Development
DESCRIPTORS: Catalogs, Cultural Education, Information Centers, Instructional Materials, *Library Collections, *Museums, Resource Materials, Black Culture, Black History, Black Studies
IDENTIFIERS: Bicentennial, Black Cultural Museum, *Old Slave Mart Museum

A project in two phases was carried out to analyze, identify, and catalog materials in the collection of the Old Slave Mart Museum of Black Heritage in Sullivan's Island, South Carolina. The collection, begun in 1937, emphasizes the contributions to American culture made by Afro-American slaves. In the first phase, significant materials in the museum, including realia, photographs, slides, pictorial flatwork, archives, negatives, books, pamphlets, and maps were cataloged or otherwise organized. An initial inventory of 25,000 items were cataloged. In the second phase, work was extended to the organization of new information and material that were identified in the first phase. In addition, materials that emphasized Black cultural

contributions were assembled for the Bicentennial, and traveling teaching collections of the museum were initiated.

BIBLIOGRAPHY:

1. Chase, Judith Wragg. Reinforcement of a black cultural museum through the development of its library resources in the field of black studies to provide educational and research material with a wide application. Interim report. Sullivan's Island, SC: Miriam B. Wilson Foundation; 1976 March 12; Grant #OEG-0-74-7309; Project #L0008JA. 25p. Available from: EDRS; ED 121 340.

2. Catalog of the Old Slave Mart Museum and Library. Boston: G.K. Hall; 1977. 2v.

PR-1490

INSTITUTION: Florida State Univ., Tallahassee. School of Library Science.
ADDRESS: Tallahassee, Florida 32306
PRINCIPAL INVESTIGATOR: Jahoda, Gerald
TITLE: The Process of Answering Reference Questions. A Test of a Descriptive Model.
GRANT NUMBER: G007500619; OEG-0-74-7307
PROJECT NUMBER: 475AH50028; L0009JA
PROJECT DURATION: Start Date 1 Sep 74; End Date 31 Aug 76
FY FUNDING: FY74-$35,293 01-Sep-74 to 31-Aug-75; FY75-$29,048 01-Sep-75 to 31-Aug-76
TOTAL PROJECT DOLLARS: $64,341
PROJECT CATEGORY: Functional Development
DESCRIPTORS: College Curriculum, Decision Making, Essays, *Instructional Materials, *Library Education, *Library Reference Services, *Material Development, Models, Reference Materials, Sciences, *Search Strategies, Teaching Models, Technology, Video Tape Recordings

During the first year of this project, a model of the process of answering science and technology reference queries was tested; generalizations about the performance of the query analysis and search strategy development steps in the process were identified: and instructional materials based on the model were developed and tested. In addition, least search time paths for answering different types of reference queries and instructional material for selecting answers to reference queries from tables, charts, and graphs were developed. Following the validation of the model, generalizations about the performance of the query analysis and search strategy development steps in the process were identified. Instructional material, consisting of the descriptive essays on the six decision-making steps of the reference process, plus an introductory essay on the reference process, exercises accompanying the essays, and a videotape, was used by 64 graduate students in a beginning reference course at Florida State University School of Library Science. The results of the test indicated a need for revision of the list of types of reference tools, the descriptor-tool matrix for selecting types of answer-providing tools, the exercises, and the guidelines for instructors.

BIBLIOGRAPHY:

1. Jahoda, Gerald [and others]. Instruction in negotiating the reference query. Tallahassee, FL: Florida State University, School of Library Science; 1975 August 25; Grant #OEG-0-74-7307; Project #L0009JA. 17p. Available from: School of Library Science, Florida State University, Tallahassee, FL and from EDRS; ED 111 421.

2. Jahoda, Gerald [and others]. The process of answering reference queries. Annual report. Tallahassee, FL: Florida State University, School of Library Science; 1976 January; Grant #G007500519; Project #475AH50028. 27p.

3. Jahoda, Gerald. The process of answering reference questions: a test of a descriptive model. Final report. Tallahassee, FL: Florida State University, School of Library Science; 1977 January; Grant #G007500619; Project #475AH50028. 219p. Available from: EDRS; ED 136 769.

PR-1500

INSTITUTION: Worcester Consortium for Higher Education, Inc., Mass.
ADDRESS: 300 Mechanics Tower, Worcester, Massachusetts 01608
PRINCIPAL INVESTIGATOR: DeBuse, Raymond
TITLE: Increasing Library Use and Resources within an Educational Consortium.
GRANT NUMBER: OEG-0-74-7303
PROJECT NUMBER: L0022JA
PROJECT DURATION: Start Date 1 Jul 74; End Date 30 Jun 75
FY FUNDING: FY74-$20,000 01-Jul-74 to 30-Jun-75
TOTAL PROJECT DOLLARS: $20,000
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Adult Programs, Bibliographies, *Consortia, Counseling Services, Directories, Formative Evaluation, Library Cooperation, *Library Services, *Material Development, *Post Secondary Education, Public Libraries, *Reference Materials
IDENTIFIERS: Adult Learning Project, Human Expertise Directory, *Worcester Public Library

The consortium (consisting of 15 libraries) sought to increase its knowledge resources and use of these resources in post secondary education. Activities scheduled to support this goal were: the provision of bibliographic and personal guidance in the Worcester Public Library's Adult Learning Project; utilization of 30 advanced students to assist participants; development of relevant subject bibliographies utilizing students under the direction of the reference librarian; preparation of a Human Expertise Directory for the Worcester community; and conducting a process evaluation.

PR-1510

INSTITUTION: Drexel Univ., Philadelphia, Pa. Graduate School of Library Science.
ADDRESS: 32nd and Chestnut Street, Philadelphia, Pennsylvania 19104
PRINCIPAL INVESTIGATOR: Childers, Thomas
TITLE: The Blue Collar Adult's Information Needs, Seeking Behavior and Use.
GRANT NUMBER: OEG-0-74-7306
PROJECT NUMBER: L0029JA
PROJECT DURATION: Start Date 1 Oct 74; End Date 30 Sep 75
FY FUNDING: FY74-$37,000 01-Oct-74 to 30-Sep-75
TOTAL PROJECT DOLLARS: $37,000
PROJECT CATEGORY: Functional Development
DESCRIPTORS: *Adults, *Blue Collar Occupations, *Information Needs, *Information Seeking, *Information Utilization, Literature Reviews, Pilot Projects, Research Needs
IDENTIFIERS: *Blue Collar Adults

Between 1,200 and 1,700 documents were examined to consolidate existing knowledge concerning the information universe of the blue-collar adult group. The search explored the literature of education, social psychology, marketing, and other pertinent publications. Deficiencies in the knowledge on the topic were noted, and suggestions for future research were made.

BIBLIOGRAPHY:

1. Childers, Thomas; Post, Joyce A. The information-poor in America. Metuchen, NJ: The Scarecrow Press, Inc.; 1975. 182p. (ED 101 731).

PR-1520

INSTITUTION: American Inst. of Architects, Washington, D.C.
ADDRESS: 1735 New York Avenue, N.W., Washington, D. C. 20006
PRINCIPAL INVESTIGATOR: Eberhard, John P.
TITLE: Performance Criteria for the Planning of Community Resource Centers: A Multi-Purpose Library Concept.
GRANT NUMBER: OEG-0-74-7310
PROJECT NUMBER: L0032JA
PROJECT DURATION: Start Date 1 Jul 74; End Date 30 Jun 75
FY FUNDING: FY74-$74,959 01-Jul-74 to 30-Jun-75

TOTAL PROJECT DOLLARS: $74,959
PROJECT CATEGORY: Institutional Cooperation
DESCRIPTORS: Clearinghouses, *Community Information Services, Delivery Systems, Equipment, *Facility Guidelines, *Facility Planning, *Facility Utilization Research, Furniture, Information Centers, Information Dissemination, Library Programs, *Library Role, Literature Reviews, Resource Centers, Social Agencies, Space Utilization, Workshops
IDENTIFIERS: *Community Resource Centers

Planning criteria for the spaces to house the activities of a community resource center or a network of such centers were developed and documented. The criteria were based on a review of the pertinent literature, site visits and interviews at five public libraries, one community library and cultural center, and one community video center, and on conference workshop conclusions. The planning criteria document that resulted from these efforts includes background material, locational criteria, information on space issues, directions for using the performance guidelines, activity scenarios, and a furnishings and equipment checklist. The graphic scenarios trace the users as they move through the community resource center, and describe the spatial requirements for learning activities and for community activities and services. The information is presented in such a way that a community can either begin with one activity and gradually add others or they can use the total activity package immediately. Conclusions reached as a result of the study were that: a coordinated effort must be made to develop unified information delivery systems within communities; many libraries were moving toward becoming community resource centers; and social service agencies were beginning to recognize the need for a multiservice center that would utilize the resources of both public and private agencies. Study recommendations were that a comprehensive survey be made of all library community resource center programs, and that a clearinghouse be established to disseminate information on such programs to interested communities.
BIBLIOGRAPHY:

1. AIA Research Corporation. Performance criteria for the planning of community resource centers. Final report. Washington, DC; 1975 June; Grant #OEG-0-74-7310; Project #L0032JA. 145p. Available from: AIA Research Corporation, Washington, DC.

PR-1530
INSTITUTION: Washington Univ., Seattle. School of Communications.
ADDRESS: Seattle, Washington 98195
PRINCIPAL INVESTIGATOR: Dervin, Brenda
TITLE: The Development of Strategies for Dealing with the Information Needs of Urban Residents.
GRANT NUMBER: G007500617; OEG-0-74-7308
PROJECT NUMBER: 475AH50014; L0035JA
PROJECT DURATION: Start Date 15 Sep 74; End Date 14 Aug 76
FY FUNDING: FY74-$56,478 15-Sep-74 to 14-Sep-75; FY75-$73,264 15-Sep-75 to 14-Aug-76
TOTAL PROJECT DOLLARS: $129,742
PROJECT CATEGORY: Education and Training
DESCRIPTORS: Communication Skills, Daily Living Skills, Helping Relationship, Human Living, *Individualized Programs, *Information Needs, Inservice Education, *Interaction Process Analysis, *Interpersonal Relationship, Library Role, Library Services, Models, Participant Characteristics, Problem Solving, Professional Personnel, *Urban Population
IDENTIFIERS: *Client in Situation Approach

The development of strategies for dealing with the information needs of urban residents was the purpose of the three phases of this project. In Phase I, the study focused on citizens and how they cope with their everyday life-facing situations and, in particular, the role of information in that process. On the basis of the citizen study, an approach to the information practitioner-client interaction was developed. This approach, called the client-in-situation approach, calls for the practitioner to deal with the client situationally and individually rather than demographically and collectively. The Phase II study focused on information practitioners–librarians and other professionals involved in helping citizens with their everyday situations. The purpose of Phase II was to determine how well the practitioners handled the client-in-situation approach. Phase III, which is still in progress, mandates the development of training modules to help practitioners use the client-in-situation approach.
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PR-1540
INSTITUTION: Denver Univ., Colo. Graduate School of Librarianship.
ADDRESS: University Park, Denver, Colorado 80210
PRINCIPAL INVESTIGATOR: Goggin, Margaret Knox; Katz, Ruth M.
TITLE: Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.)
GRANT NUMBER: OEG-0-74-7305
PROJECT NUMBER: L0072JA
PROJECT DURATION: Start Date 1 Jul 74; End Date 30 Jun 75
FY FUNDING: FY74-$116,592 01-Jul-74 to 30-Jun-75
TOTAL PROJECT DOLLARS: $116,592
PROJECT CATEGORY: Education and Training
DESCRIPTORS: *Educational Needs, Guides, *Instructional Media, Librarians, *Library Education, Program Evaluation, *Rural Areas, *Video Cassette Systems
IDENTIFIERS: Mountain Plains States, *Project ACCESS Videotape

The ACCESS videotape series addresses, in part, the library education needs of librarians in rural areas of the Mountain Plains states. Many librarians in small towns have difficulty in leaving their communities to pursue formal studies in librarianship. Yet the small-town community library performs many vital functions. The ACCESS series was designed to share ideas and discuss library trends with these community librarians. Twelve documentary-style and four panel shows were produced. A study guide supplements the video material, and includes such elements as program outlines and suggestions for further discussion. Near the end of the project year, initial "user acceptance" evaluation was conducted of three programs. Of 190 written reponses from librarians in rural areas, 84% without MLS degrees, over 99% responded that the ACCESS programs viewed were "better than most" or "about the same as most that are good," "compared to other programs of this type dealing with libraries." An additional 250 librarians and library school students and faculty have seen ACCESS programs; responses were overwhelmingly favorable. (See also PR-1680.)
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Experimental Use of Copyrighted Materials in an Information System. PR-0280
Study of Methods and Materials for Training Scientists and Engineers in the Use of Information Tools, Techniques, Resources, and Facilities. PR-0110

Information Services
Development and Testing of Methodology for Planning Urban Information Services. PR-1110
Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670
New Bases for Library and Information Services in Metropolitan Areas. PR-0270
An Operations Research Study of the Pacific Northwest Bibliographic Center. PR-1090

Information Sources
Orientation of Educators and Behavioral Scientists to Information Systems. PR-0150

Information Storage
The Acquisition of Knowledge in Relation to Information Storage, and Retrieval. PR-0330
A Computer-Aided Study of Access Management and Collection Management in Libraries. PR-0610

Information Systems
Center for the Study of Information and Education. PR-1380
A Computer-Based Interlibrary Loan Communication Subsystem. PR-1700
Design and Preparation of Presentation Which Can Be Used with Two Identified Audiences for the Purpose of Increasing Skill in Locating Information through Effective Use of Federal Information Systems and Related Services. PR-0850
Development and Demonstration of a Computer-Assisted Citizen Information Resource System to Enable Urban Residents to Make Maximum Use of Available Public Services. PR-1250
ERIC On-Line Retrieval System. PR-0720
Experimental Use of Copyrighted Materials in an Information System. PR-0280
Library Automation: A Critical Review. PR-0390
Orientation of Educators and Behavioral Scientists to Information Systems. PR-0150
Study to Develop a Research Program for the Design Development of Modern College Libraries. PR-0020

Information Utilization
The Blue Collar Adult's Information Needs, Seeking Behavior and Use. PR-1510
A Collaborative Approach to Independent Study for Adults in Vermont: Public Libraries on the Adult Education Team. PR-1460
Impact Study of the Annual Review of Information Sciences and Technology. PR-0490

Institute of Mental Health
An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230

Institutes (Training Programs)
Data Collection and Description of HEA Title II-B Institutes. PR-1000
An Investigation, Analysis and Evaluation of Activities Connected with the Operation of Educational Information Service Centers. PR-0500

Institution Libraries
Survey of Library and Information Problems of Prison Populations. PR-1330

Institutionalized Persons
An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230

Instructional Aids
Study of the Characteristics of Ultramicrofiche and Its Application to Colleges and Universities. PR-0570

Instructional Materials
Current Trends in Microform Use by Secondary Schools: Four Case Studies. PR-0440
Development of a Model Interdisciplinary Continuing Education Curriculum for Librarians. PR-1710
The Process of Answering Reference Questions. A Test of a Descriptive Model. PR-1490
Study and Development of Automated Instructional Materials Handling Program. PR-0890

Instructional Materials Centers
The Organization and Operation of Educational Resources Selection Centers: Identification and Analysis of Current Practices and Guidelines for Model Centers. PR-0510

Instructional Media
Library School Educational Program without Walls. PR-1600
Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1540

Instructional Systems
Technological Applications Project. PR-1140

Interaction Process Analysis
The Development of Strategies for Dealing with the Information Needs of Urban Residents. PR-1530

Interagency Cooperation
A Collaborative Approach to Independent Study for Adults in Vermont: Public Libraries on the Adult Education Team. PR-1460
Inter-Agency Cooperation. PR-1450

Interdisciplinary Approach
Development of a Model Interdisciplinary Continuing Education Curriculum for Librarians. PR-1710

Interinstitutional Cooperation
The Planning, Development, and Demonstration of a Delivery System of Library and Learning Services in a Ten-County Rural Area of Oklahoma. PR-1290
Preparation of a Supplement to the Directory of Academic Library Consortia. PR-1320

Interlibrary Communications
A Conference on Interlibrary Communications and Information Networks. PR-0790

Interlibrary Loan Subsystem
A Computer-Based Interlibrary Loan Communication Subsystem. PR-1700

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A Computer-Based Interlibrary Loan Communication Subsystem. PR-1700
Improving the Speed and Comprehensiveness of Interlibrary Access to Periodical Literature. PR-1580
Review of the Availability of Primary Scientific and Technical Documents within the United States. PR-0130

Interpersonal Relationship
The Development of Strategies for Dealing with the Information Needs of Urban Residents. PR-1530

Junior College Students
A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

Kentucky
A Demonstration Pilot Program of Comprehensive Library Services for the Aged in Selected Communities in Kentucky. PR-1220

Learners Advisory Service
Nontraditional Study - The Public Library Approach. PR-1370

Learning Activities
Librarian Client Learning Projects. PR-1620

Learning Experience
A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

Learning Laboratories
Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina. PR-1300
Planning Peoject for Community Learning Center. PR-1260

Learning Station
A Systems Approach to the Individualization of Library Science Instruction. PR-0600

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Teaching Library Use to Undergraduate–Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

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The Determination of Legal Facts and Economic Guideposts with Respect to the Dissemination of Scientific and Educational Information as It Is Affected by Copyright–A Status Report. PR-0090

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An Analysis of Certain Professional Library Occupations in Relation to Formal Educational Objectives. PR-0380
Characteristics of Professional Personnel in College and University Libraries. PR-0010
Data Collection and Description of HEA Title II-B Institutes. PR-1000
Determine Manpower Requirements and Supply of Professional Librarians, Library Technicians, and Library Assistants. PR-1200
The Development and Testing of Materials for Computer-Assisted Instruction in the Education of Reference Librarians. PR-0620
An Investigation of Personality Characteristics among Library Science Students at One Midwestern University. PR-0410
Librarian Client Learning Projects. PR-1620
Library Education and High School Library Service. PR-0430
A Program of Research into the Identification of Manpower Requirements, the Educational Preparation and the Utilization of Manpower in the Library and Information Professions. PR-0180
Project to Develop a Manual on Programming for Literacy. PR-1640

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New Bases for Library and Information Services in Metropolitan Areas. PR-0270

Library Acquisition
An Analysis of Individual School Selection and Use of System Approved Lists. PR-0690
A Program for the Cooperative Acquisition and Use of Library Materials of Seven New England Liberal Arts Colleges (CONVAL) Based on an Analysis of Their Collections. PR-0650

Library Administration
Library Administration Simulation Project. PR-1550
A Systems Analysis of Library and Information Science Statistical Data. PR-0560

Library Automation
Bibliographic Automation of Large Library Operations Using a Time-Sharing System (Project BALLOTS). PR-0240
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A Computer-Based System for Reserve Activities in a University Library. PR-0210
Conduct an Analysis of Automated Federal Library Programs to the Purpose of Establishing Feasibility Criteria and as a Basis for Development of a Generalized Automated Systems Design. PR-1050
Cooperative Venture between the Ohio College Library Center and the Cooperative College Library for on-Line Technical Processing. PR-1400
Design and Testing of a Computerized Method of Handling Library Periodicals. PR-0700
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An Evaluation of the Utility and Cost of Computerized Library Catalogs. PR-0300
Factors Affecting the Adaptation of Academic and Other Libraries to On-Line Networks. PR-1440
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A Study of the Cost of Maintaining and Updating Library Card Catalogs. PR-0470
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Data Collection and Cost Modeling for Library Circulation Systems. PR-1030
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Public Library in the Network Mode; a Researched Position Paper. PR-1470
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Feasibility Study for Incorporating a Year Abroad in the Library Science Curriculum. PR-0070
The Foreign Student in the American Library School. PR-0910
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Library School Educational Program without Walls. PR-1600
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A Study of the Needs for Research in Library and Information Science Education. PR-0750
Training of Library Personnel in Remote Areas by Videotape. PR-1680
Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1540

Library Education Experimental Project
Development of a Computer-Based Laboratory Program for Library Science Students Using L.C./MARC Tapes. PR-0530

Library Equipment
Development of a Low-Cost Microform Reader. PR-0860

Library Expenditures
Commissioned Papers Project. PR-1080
Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660
Preparation of Detailed Specifications for a National System for the Preservation of Library Materials. PR-1010

Library Extension
Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina. PR-1300
Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago. PR-1390

Library Facilities
Determination of User Needs and Future Requirements for a Systems Approach to Microform Technology. PR-0550
Development of the Concept of an Experimenting and Extended College Library. PR-0290
Library Development, Wind River Reservation. PR-1570
A Proposal to Research and Design Criteria for the Implementation and Establishment of a Neighborhood Information Center in Five Public Libraries in Five Cities: Atlanta, Cleveland, Detroit, Houston, Queensborough. PR-1340

Library Fellowship Program
Overview of the Library Fellowship Program. PR-0780

Library Instruction
A Systems Approach to the Individualization of Library Science Instruction. PR-0600

Library Material Selection
An Analysis of Individual School Selection and Use of System Approved Lists. PR-0690
Statistical Sampling of Book Readership at a College Library. PR-0660

Library Materials
The Determination of Legal Facts and Economic Guideposts with Respect to the Dissemination of Scientific and Educational Information as It Is Affected by Copyright–A Status Report. PR-2090
Development of the Principles of Cataloging; Phase I: Descriptive Cataloging. PR-0200
Early Childhood Creative Library. PR-1560
Librarian Client Learning Projects. PR-1620
Library Materials in Service to the Adult New Reader. PR-0370
Preparation of Detailed Specifications for a National System for the Preservation of Library Materials. PR-1010
A Program for the Cooperative Acquisition and Use of Library Materials of Seven New England Liberal Arts Colleges (CONVAL) Based on an Analysis of Their Collections. PR-0650
Student Library Resource Requirements in Philadelphia: Phase I. PR-0520
Study for Design of an Optimum System for Mail Order Book Delivery System in the State of Washington. PR-1430

Library Networks
A Conference on Interlibrary Communications and Information Networks. PR-0790
Construction of a Decision-Making Model for Library Network Implementation in Washington State. PR-0770
Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660
Development of a Computerized Regional Shared-Cataloging System. PR-0900
Development of a Machine Form Union Catalog for the New England Library Information Network (NELINET). PR-0800
An Investigation of More Effective Means of Organization and Utilization of the Nashville Union Catalog. PR-0930
Library Automation: A Critical Review. PR-0390
Public Library in the Network Mode; a Researched Position Paper. PR-1470

Library of Congress Classification
The Development and Pilot Operation of a System to Reclassify Older Books under the Library of Congress Classification System for a Public Library Currently Employing the Dewey Decimal Classification. PR-0420

Library Planning
Development of the Concept of an Experimenting and Extended College Library. PR-0290
Indian Library Services Technical Assistance Center (ILSTAC). PR-1590
Library Development, Wind River Reservation. PR-1570
Minority Program Development for Libraries and Learning Resources. PR-1360
Study to Develop a Research Program for the Design Development of Modern College Libraries. PR-0020

Library Programs
Demonstration Library Projects in Selected Indian Communities (Library Demonstration Project/American Indian). PR-1690
Identification of Informational Needs of the American Indian Community That C a Be Met by Library Services. PR-1100
North American Library Education Directory and Statistics 1971-1973. PR-1410
Project to Develop a Manual on Programming for Literacy. PR-1640
A Proposal to Research and Design Criteria for the Implementation and Establishment of a Neighborhood Information Center in Five Public Libraries in Five Cities: Atlanta, Cleveland, Detroit, Houston, Queensborough. PR-1340
The Right to Read for Adults: An Investigation of the Library's Role in a Cooperative Venture with the Model Neighborhood Program - Rochester, New York. PR-1350
Study of Exemplary Public Library Reading and Reading-Related Programs for Children, Youth and Adults. PR-1060

Library Reference Services
A Comparison Study of Two Teaching Methodologies for a Course in Basic Reference. PR-1630
Faculty Use of University Library Reference Facilities for Citation and Data Information. PR-0670
The Process of Answering Reference Questions. A Test of a Descriptive Model. PR-1490

Library Research
A Manual for the Conduct of Research in Librarianship. PR-0360
A Program of Research into the Identification of Manpower Requirements, the Educational Preparation and the Utilization of Manpower in the Library and Information Professions. PR-0180
Studies in Public Library Government, Organization and Support. PR-0310
A Study of the Needs for Research in Library and Information Science Education. PR-0750
Study to Develop a Research Program for the Design Development of Modern College Libraries. PR-0020
Support of Studies for the National Advisory Commission on Libraries. PR-0140

Library Role
New Bases for Library and Information Services in Metropolitan Areas. PR-0270
Performance Criteria for the Planning of Community Resource Centers: A Multi-Purpose Library Concept. PR-1520
Project TREND. PR-1160

Library Schools
An Analysis of Certain Professional Library Occupations in Relation to Formal Educational Objectives. PR-0380

Library Science
Center for the Study of Information and Education. PR-1380
An Education Research Information Center Clearinghouse for Library and Information Sciences. PR-0100
Feasibility Study for Incorporating a Year Abroad in the Library Science Curriculum. PR-0070
An Information Processing Laboratory for Education and Research in Library Science. PR-0190

Library Services
Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660
Demonstration Library Projects in Selected Indian Communities (Library Demonstration Project/American Indian). PR-1690
A Demonstration Pilot Program of Comprehensive Library Services for the Aged in Selected Communities in Kentucky. PR-1220
Detroit Metropolitan Library Research and Demonstration Project. PR-0160
Development and Testing of Methodology for Planning Urban Information Services. PR-1110
Development of the Concept of an Experimenting and Extended College Library. PR-0290
Early Childhood Creative Library. PR-1560
The Effect of a Librarian-Centered Reading Guidance Program on the Reading Skills and Habits of Elementary School Pupils. PR-0350
Increasing Library Use and Resources within an Educational Consortium. PR-1500
Indian Library Services Technical Assistance Center (ILSTAC). PR-1590
Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670
An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230
Library Education and High School Library Service. PR-0430
Measurement of Effectiveness of Public Library Service. PR-0980
National Survey of Library Services to the Aging. PR-1120
Nontraditional Study - The Public Library Approach. PR-1370
An Overview of the Library Services and Construction Act - Title I. PR-0580
The Planning, Development, and Demonstration of a Delivery System of Library and Learning Services in a Ten-County Rural Area of Oklahoma. PR-1290
Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago. PR-1390
Studies in Public Library Government, Organization and Support. PR-0310
Study for Design of an Optimum System for Mail Order Book Delivery System in the State of Washington. PR-1430
A Study of Public Library Service to the Disadvantaged in Selected Cities. PR-0840
Support of Studies for the National Advisory Commission on Libraries. PR-0140
Survey of Library and Information Problems of Prison Populations. PR-1330

Library Services and Construction Act
An Overview of the Library Services and Construction Act - Title I. PR-0580

Library Skills
Inter-Agency Cooperation. PR-1450

Library Surveys
Characteristics of Professional Personnel in College and University Libraries. PR-0010
Conduct an Analysis of Automated Federal Library Programs to the Purpose of Establishing Feasibility Criteria and as a Basis for Development of a Generalized Automated Systems Design. PR-1050
Construction of a Decision-Making Model for Library Network Implementation in Washington State. PR-0770
Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660
Factors Affecting the Adaptation of Academic and Other Libraries to On-Line Networks. PR-1440
The Image of the Public Library in the Mind of the Rural Citizen. PR-0320
National Survey of Library Services to the Aging. PR-1120
North American Library and Information Science Education Directory and Statistics, 1969-71. PR-0820
North American Library Education Directory and Statistics 1971-1973. PR-1410
Post-Master's Education for Middle- and Upper-Level Personnel in Library and Information Centers. PR-0540

A Study of Public Library Service to the Disadvantaged in Selected Cities. PR-0840

A Study of Resources and Major Subject Holdings Available in U.S. Federal Libraries Maintaining Extensive or Unique Collections of Research Materials. PR-0480

Study of the Development and Present Status of Automated Techniques and Procedures in Federal Libraries and Documentation Centers. PR-0590

A Study of the Library Components in Consortia in American Higher Education. PR-1040

A Systems Analysis of Southwestern Spanish-Speaking Users and Non-Users of Library and Information Services Developing Criteria to Design an Optimal Library Model Concept. PR-0990

Library Technical Processes

The Amenability of a Cataloging Process to Simulation by Automatic Techniques. PR-0460

Design and Testing of a Computerized Method of Handling Library Periodicals. PR-0700

The Development and Pilot Operation of a System to Reclassify Older Books under the Library of Congress Classification System for a Public Library Currently Employing the Dewey Decimal Classification. PR-0420

Development of a Computer-Based Laboratory Program for Library Science Students Using L.C./MARC Tapes. PR-0530

Development of a Machine Form Union Catalog for the New England Library Information Network (NELINET). PR-0800

Inter-Indexer Consistency in Perception of Subject Concepts in Contrast to Inter-Indexer Consistency in Choice of Terminology with Which to Describe the Subject Concepts. PR-0920

Study to Develop a Research Program for the Design Development of Modern College Libraries. PR-0020

Library Technicians

Determine Manpower Requirements and Supply of Professional Librarians, Library Technicians, and Library Assistants. PR-1200

Study of the Development and Present Status of Automated Techniques and Procedures in Federal Libraries and Documentation Centers. PR-0590

Linguistics

Experiment in Fast Dissemination of Research in Selected Fields in Linguistics. PR-0740

Literacy Education

Project to Develop a Manual on Programming for Literacy. PR-1640

Literature Reviews

Knowledge/Information Needs of the Disadvantaged. PR-1280

Preparation and Dissemination of a Bibliography on Information Science and Technology. PR-0680

Magnetic Tapes

Development of a Computer-Based Laboratory Program for Library Science Students Using L.C./MARC Tapes. PR-0530

Mail Order Book Delivery Service

Study for Design of an Optimum System for Mail Order Book Delivery System in the State of Washington. PR-1430

Man Machine Systems

The Acquisition of Knowledge in Relation to Information Storage, and Retrieval. PR-0330

Management Information Systems

A Systems Analysis of Library and Information Science Statistical Data. PR-0550

Manpower Needs

Determine Manpower Requirements and Supply of Professional Librarians, Library Technicians, and Library Assistants. PR-1200

A Program of Research into the Identification of Manpower Requirements, the Educational Preparation and the Utilization of Manpower in the Library and Information Professions. PR-0180

Manpower Utilization

Personnel for Research Libraries–Qualifications, Responsibilities, and Use. PR-0710

A Program of Research into the Identification of Manpower Requirements, the Educational Preparation and the Utilization of Manpower in the Library and Information Professions. PR-0180

Manuals

A Manual for the Conduct of Research in Librarianship. PR-0360

Project to Develop a Manual on Programming for Literacy. PR-1640

Maryland (Baltimore)

Development and Testing of Methodology for Planning Urban Information Services. PR-1110

Maryland (Eastern Shore)

Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670

Material Development

The Development and Testing of Materials for Computer-Assisted Instruction in the Education of Reference Librarians. PR-0620

Increasing Library Use and Resources within an Educational Consortium. PR-1500

The Process of Answering Reference Questions. A Test of a Descriptive Model. PR-1490

Research Reports - Ethnic Groups for Handbook on the Adult New Reader and His Readings. PR-1420

Media Selection

The Organization and Operation of Educational Resources Selection Centers: Identification and Analysis of Current Practices and Guidelines for Model Centers. PR-0510

Study and Development of Automated Instructional Materials Handling Program. PR-0890

Mentally Handicapped

An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230

Metropolitan Areas

Detroit Metropolitan Library Research and Demonstration Project. PR-0160

Mexican Americans

A Systems Analysis of Southwestern Spanish-Speaking Users and Non-Users of Library and Information Services Developing Criteria to Design an Optimal Library Model Concept. PR-0990

Michigan (Detroit)

Detroit Metropolitan Library Research and Demonstration Project. PR-0160

Microfiche

A Program to Demonstrate the Uses of an Inexpensive Microfiche Reader and the Resources of ERIC and Other Microform Information Collections. PR-0950

Study of the Characteristics of Ultramicrofiche and Its Application to Colleges and Universities. PR-0570

Microform Readers

Development of a Low-Cost Microform Reader. PR-0860

Microfilm Reader Experiments. PR-0640

A Program to Demonstrate the Uses of an Inexpensive Microfiche Reader and the Resources of ERIC and Other Microform Information Collections. PR-0950

Microforms

Current Trends in Microform Use by Secondary Schools: Four Case Studies. PR-0440

Determination of User Needs and Future Requirements for a Systems Approach to Microform Technology. PR-0550

A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

Middle Aged

An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230

Minority Groups

Minority Program Development for Libraries and Learning Resources. PR-1360

Model Neighborhood Area

An Evaluation of the Impact, Costs and Benefits of the Albuquerque Model Cities Library Materials and Cultural Centers. PR-1150

Models

Construction of a Decision-Making Model for Library Network Implementation in Washington State. PR-0770

Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina. PR-1300

Data Collection and Cost Modeling for Library Circulation Systems. PR-1030

Library Administration Simulation Project. PR-1550

Library Development, Wind River Reservation. PR-1570

Multicounty Chickasaw Library System

The Planning, Development, and Demonstration of a Delivery System of Library and Learning Services in a Ten-County Rural Area of Oklahoma. PR-1290

Museums

An Information Storage and Retrieval System for Biological and Geological Data. PR-0250

Reinforcement of a Black Cultural Museum through the Development of Its Library Resources in the Field of Black Studies to Provide Education and Research Material with a Wide Application. PR-1480

Nashville Union Catalog

An Investigation of More Effective Means of Organization and Utilization of the Nashville Union Catalog. PR-0930

National Advisory Commission on Libraries

Support of Studies for the National Advisory Commission on Libraries. PR-0140

National Indian Education Association

Identification of Informational Needs of the American Indian Community That Can Be Met by Library Services. PR-1100

National Microform Agency

Determination of User Needs and Future Requirements for a Systems Approach to Microform Technology. PR-0550

National Programs

A Conference on Interlibrary Communications and Information Networks. PR-0790

Natural History Information Retrieval System

An Information Storage and Retrieval System for Biological and Geological Data. PR-0250

Needs Assessment

Minority Program Development for Libraries and Learning Resources. PR-1360

Neighborhood Centers

Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago. PR-1390

New England Library Information Network

Development of a Machine Form Union Catalog for the New England Library Information Network (NELINET). PR-0800

New Mexico

Demonstration Library Projects in Selected Indian Communities (Library Demonstration Project/American Indian). PR-1690

New York (Rochester)

The Right to Read for Adults: An Investigation of the Library's Role in a Cooperative Venture with the Model Neighborhood Program - Rochester, New York. PR-1350

North Carolina

Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina. PR-1300

Early Childhood Creative Library. PR-1560

Ohio College Library Center

Development of a Computerized Regional Shared-Cataloging System. PR-0900

Factors Affecting the Adaptation of Academic and Other Libraries to On-Line Networks. PR-1440

Old Slave Mart Museum

Reinforcement of a Black Cultural Museum through the Development of Its Library Resources in the Field of Black Studies to Provide Education and Research Material with a Wide Application. PR-1480

Older Adults

A Demonstration Pilot Program of Comprehensive Library Services for the Aged in Selected Communities in Kentucky. PR-1220

An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230

National Survey of Library Services to the Aging. PR-1120

On Line Systems

Bibliographic Automation of Large Library Operations Using a Time-Sharing System (Project BALLOTS). PR-0240

A Computer-Based Interlibrary Loan Communication Subsystem. PR-1700

Cooperative Venture between the Ohio College Library Center and the Cooperative College Library for on-Line Technical Processing. PR-1400

Development of a Computerized Regional Shared-Cataloging System. PR-0900

ERIC On-Line Retrieval System. PR-0720

Factors Affecting the Adaptation of Academic and Other Libraries to On-Line Networks. PR-1440

On the Job Training

Research and Development of On-The-Job Training Courses for Library Personnel. PR-0340

Open Education

Library School Educational Program without Walls. PR-1600

Operations Research

An Operations Research Study of the Pacific Northwest Bibliographic Center. PR-1090

Organizational Effectiveness

Personnel for Research Libraries–Qualifications, Responsibilities, and Use. PR-0710

Outreach Programs

Project TREND. PR-1160

Pacific Northwest Bibliographic Center

An Operations Research Study of the Pacific Northwest Bibliographic Center. PR-1090

Package Library

Study of the Implications of Modern Technology in Small College Libraries. PR-0120

Parent Education

Project TREND. PR-1160

Parent Participation
Early Childhood Creative Library. PR-1560
Project TREND. PR-1160

Participant Characteristics
Characteristics of Professional Personnel in College and University Libraries. PR-0010

Participant Satisfaction
Data Collection and Description of HEA Title II-B Institutes. PR-1000

Pennsylvania (Pittsburgh)
Librarian Client Learning Projects. PR-1620

Periodical Bank
Improving the Speed and Comprehensiveness of Interlibrary Access to Periodical Literature. PR-1580

Periodicals
Design and Testing of a Computerized Method of Handling Library Periodicals. PR-0700
Improving the Speed and Comprehensiveness of Interlibrary Access to Periodical Literature. PR-1580
Inter-Indexer Consistency in Perception of Subject Concepts in Contrast to Inter-Indexer Consistency in Choice of Terminology with Which to Describe the Subject Concepts. PR-0920

Personal Adjustment
The Interrelating of Library and Basic Education Services for Disadvantaged Adults: A Demonstration of Four Alternative Working Models. PR-1310

Personality Studies
An Investigation of Personality Characteristics among Library Science Students at One Midwestern University. PR-0410

Personnel Needs
Personnel for Research Libraries–Qualifications, Responsibilities, and Use. PR-0710

Phonotape Recordings
A Comparison Study of Two Teaching Methodologies for a Course in Basic Reference. PR-1630

PLATO
Teaching Library Use to Undergraduate–Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

PLATO Teaching System
Teaching Library Use to Undergraduate–Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

PMR/50
Development of a Low-Cost Microform Reader. PR-0860

Policy Information Clearinghouse
The Development of a School Board Policy Classification System and School Board Policy Information Clearinghouse. PR-0730

Post Masters Education
Post-Master's Education for Middle- and Upper-Level Personnel in Library and Information Centers. PR-0540

Post Secondary Education
Increasing Library Use and Resources within an Educational Consortium. PR-1500

Preservation
Preparation of Detailed Specifications for a National System for the Preservation of Library Materials. PR-1010

Prison Libraries
Survey of Library and Information Problems of Prison Populations. PR-1330

Prisoners
Survey of Library and Information Problems of Prison Populations. PR-1330

Professional Continuing Education
Development of a Model Interdisciplinary Continuing Education Curriculum for Librarians. PR-1710
Post-Master's Education for Middle- and Upper-Level Personnel in Library and Information Centers. PR-0540
Training of Library Personnel in Remote Areas by Videotape. PR-1680

Professional Personnel
Impact Study of the Annual Review of Information Sciences and Technology. PR-0490

Professional Training
Orientation of Educators and Behavioral Scientists to Information Systems. PR-0150

Program Evaluation
Data Collection and Description of HEA Title II-B Institutes. PR-1000
The Effect of a Librarian-Centered Reading Guidance Program on the Reading Skills and Habits of Elementary School Pupils. PR-0350
The Foreign Student in the American Library School. PR-0910
Measurement of Effectiveness of Public Library Service. PR-0980
Study of Exemplary Public Library Reading and Reading-Related Programs for Children, Youth and Adults. PR-1060

Program Guides
The Organization and Operation of Educational Resources Selection Centers: Identification and Analysis of Current Practices and Guidelines for Model Centers. PR-0510

Program Planning
Library Administration Simulation Project. PR-1550
Minority Program Development for Libraries and Learning Resources. PR-1360
Planning Project for Community Learning Center. PR-1260
Project to Develop a Manual on Programming for Literacy. PR-1640

Project ACCESS Videotape
Training of Library Personnel in Remote Areas by Videotape. PR-1680
Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1560

Project CLASP
Library Administration Simulation Project. PR-1550

Project El Centro de la Causa Library
Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago. PR-1390

Project IRMA
Development and Demonstration of a Computer-Assisted Citizen Information Resource System to Enable Urban Residents to Make Maximum Use of Available Public Services. PR-1250

Project RECON
Retrospective Conversion Pilot Project (Project RECON). PR-0970

Project Technological Applications
Technological Applications Project. PR-1140

Project TREND
Project TREND. PR-1160

Projection Equipment
Microfilm Reader Experiments. PR-0640

Public Libraries
A Collaborative Approach to Independent Study for Adults in Vermont: Public Libraries on the Adult Education Team. PR-1460
Commissioned Papers Project. PR-1080
A Community Cultural Arts Center Merging Public and School Library Services in Olney, Texas: A Research and Demonstration Project. PR-1240
The Image of the Public Library in the Mind of the Rural Citizen. PR-0320
Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670
Inter-Agency Cooperation. PR-1450
Library Administration Simulation Project. PR-1550
Measurement of Effectiveness of Public Library Service. PR-0980
National Survey of Library Services to the Aging. PR-1120
Nontraditional Study - The Public Library Approach. PR-1370
An Overview of the Library Services and Construction Act - Title I. PR-0580
Public Library in the Network Mode; a Researched Position Paper. PR-1470
Public Library Services and Their Use by Professional Staffs of Welfare Agencies. PR-0060
Studies in Public Library Government, Organization and Support. PR-0310
Study of Exemplary Public Library Reading and Reading-Related Programs for Children, Youth and Adults. PR-1060
A Study of Public Library Service to the Disadvantaged in Selected Cities. PR-0840
Study of State Library Legislation. PR-0630
A Systems Analysis of Library and Information Science Statistical Data. PR-0560
A Systems Analysis of Southwestern Spanish-Speaking Users and Non-Users of Library and Information Services Developing Criteria to Design an Optimal Library Model Concept. PR-0990

Publications
Experimental Use of Copyrighted Materials in an Information System. PR-0280
Preparation and Dissemination of a Bibliography on Information Science and Technology. PR-0680
Seminar on Scientific Publications. PR-0960
Support of Studies for the National Advisory Commission on Libraries. PR-0140

Publicity
Public Library Services and Their Use by Professional Staffs of Welfare Agencies. PR-0060

Questionnaires
North American Library and Information Science Education Directory and Statistics, 1969-71. PR-0820

Reading Habits
The Effect of a Librarian-Centered Reading Guidance Program on the Reading Skills and Habits of Elementary School Pupils. PR-0350
Statistical Sampling of Book Readership at a College Library. PR-0660

Reading Materials
Library Materials in Service to the Adult New Reader. PR-0370

Reading Programs
Study of Exemplary Public Library Reading and Reading-Related Programs for Children, Youth and Adults. PR-1060

Reading Skills
The Effect of a Librarian-Centered Reading Guidance Program on the Reading Skills and Habits of Elementary School Pupils. PR-0350

Reading Tests
The Effect of a Librarian-Centered Reading Guidance Program on the Reading Skills and Habits of Elementary School Pupils. PR-0350

Reference Librarians
The Development and Testing of Materials for Computer-Assisted Instruction in the Education of Reference Librarians. PR-0620

Reference Materials
Faculty Use of University Library Reference Facilities for Citation and Data Information. PR-0670
Increasing Library Use and Resources within an Educational Consortium. PR-1500

Referral
Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670

Reprography
The Determination of Legal Facts and Economic Guideposts with Respect to the Dissemination of Scientific and Educational Information as It Is Affected by Copyright–A Status Report. PR-0090

Research Design
A Manual for the Conduct of Research in Librarianship. PR-0360

Research Libraries
Personnel for Research Libraries-Qualifications, Responsibilities, and Use. PR-0710
Preparation of Detailed Specifications for a National System for the Preservation of Library Materials. PR-1010

Research Methodology
Development and Testing of Methodology for Planning Urban Information Services. PR-1110
A Manual for the Conduct of Research in Librarianship. PR-0360

Research Needs
A Study of the Needs for Research in Library and Information Science Education. PR-0750

Research Projects
Study to Develop a Research Program for the Design Development of Modern College Libraries. PR-0020

Research Reviews (Publications)
Commissioned Papers Project. PR-1080
An Education Research Information Center Clearinghouse for Library and Information Sciences. PR-0100
Experiment in Fast Dissemination of Research in Selected Fields in Linguistics. PR-0740
A Study of Resources and Major Subject Holdings Available in U.S. Federal Libraries Maintaining Extensive or Unique Collections of Research Materials. PR-0480

Reservations (Indian)
Demonstration Library Projects in Selected Indian Communities (Library Demonstration Project/American Indian). PR-1690
Identification of Informational Needs of the American Indian Community That Can Be Met by Library Services. PR-1100
Library Development, Wind River Reservation. PR-1570

Reserves Processing System
A Computer-Based System for Reserve Activities in a University Library. PR-0210

Resource Allocations
An Overview of the Library Services and Construction Act - Title I. PR-0580

Resource Centers
The Planning, Development, and Demonstration of a Delivery System of Library and Learning Services in a Ten-County Rural Area of Oklahoma. PR-1290

Resource Guides
Design and Preparation of Presentation Which Can Be Used with Two Identified Audiences for the Purpose of Increasing Skill in Locating Information through Effective Use of Federal Information Systems and Related Service. PR-0850

Resource Materials
A Computer-Based Interlibrary Loan Communication Subsystem. PR-1700
Demonstration Library Projects in Selected Indian Communities (Library Demonstration Project/American In- PR-1690
Id. ...ication and Coordination of African-American Materials in Six States. PR-1130
Impact Study of the Annual Review of Information Sciences and Technology. PR-0490
An Operations Research Study of the Pacific Northwest Bibliographic Center. PR-1090
A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

Rural Areas
The Image of the Public Library in the Mind of the Rural Citizen. PR-0320
Training of Library Personnel in Remote Areas by Videotape. PR-1680
Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1540

Satellite Technology Demonstration
Supplemental Proposal for Planning for the 1973 ATS-F Satellite Educational Experiment for the Rocky Mountain States. PR-1210

School Community Cooperation
Project TREND. PR-1160

School Involvement
The Interrelating of Library and Basic Education Services for Disadvantaged Adults: A Demonstration of Four Alternative Working Models. PR-1310

School Libraries
An Analysis of Individual School Selection and Use of System Approved Lists. PR-0690
A Community Cultural Arts Center Merging Public and School Library Services in Olney, Texas: A Research and Demonstration Project. PR-1240
Library Education and High School Library Service. PR-0430

School Personnel
Technological Applications Project. PR-1140

School Study Centers
A Systems Approach to the Individualization of Library Science Instruction. PR-0600

School Surveys
Library Statistics of Colleges and Universities, 1965-66; Institutional Data. PR-0040

Science Materials
An Analysis of Individual School Selection and Use of System Approved Lists. PR-0690

Scientific Personnel
Study of Methods and Materials for Training Scientists and Engineers in the Use of Information Tools, Techniques, Resources, and Facilities. PR-0110

Scientific Publications
Seminar on Scientific Publications. PR-0960

Scientific Research
Seminar on Scientific Publications. PR-0960

Search Strategies
ERIC On-Line Retrieval System. PR-0720
The Process of Answering Reference Questions. A Test of a Descriptive Model. PR-1490
A Study of the Organization and Search of Bibliographic Holdings Records in On-Line Computer Systems: Phase I. PR-0170
Study of User Requirements in Identifying Desired Works in a Large Library. PR-0230

Seattle Community Learning Center
Planning Peoject for Community Learning Center. PR-1260

Secondary Schools
Current Trends in Microform Use by Secondary Schools: Four Case Studies. PR-0440

Serials
Design and Testing of a Computerized Method of Handling Library Periodicals. PR-0700
Review of the Availability of Primary Scientific and Technical Documents within the United States. PR-0130

Simulation
The Amenability of a Cataloging Process to Simulation by Automatic Techniques. PR-0460
Library Administration Simulation Project. PR-1550

Small Schools
Study of the Implications of Modern Technology in Small College Libraries. PR-0120

Spanish Speaking
Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago. PR-1390
A Systems Analysis of Southwestern Spanish-Speaking Users and Non-Users of Library and Information Services Developing Criteria to Design an Optimal Library Model Concept. PR-0990

Staff Improvement
Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670

Standards
Study of State Library Legislation. PR-0630

State Legislation
Study of State Library Legislation. PR-0630

State Libraries
An Overview of the Library Services and Construction Act - Title I. PR-0580
Study of State Library Legislation. PR-0630

State Surveys
Library Statistics of Colleges and Universities, 1965-66; Institutional Data. PR-0040

Statistical Data
North American Library and Information Science Education Directory and Statistics, 1969-71. PR-0820
North American Library Education Directory and Statistics 1971-1973. PR-1410

Student Attitudes
The Foreign Student in the American Library School. PR-0910

Student Characteristics
An Investigation of Personality Characteristics among Library Science Students at One Midwestern University. PR-0410

Student Needs
Student Library Resource Requirements in Philadelphia: Phase I. PR-0520

Student Opinion
A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

Student Research
An Information Processing Laboratory for Education and Research in Library Science. PR-0190

Study Abroad
Feasibility Study for Incorporating a Year Abroad in the Library Science Curriculum. PR-0070

Subject Index Terms
Inter-Indexer Consistency in Perception of Subject Concepts in Contrast to Inter-Indexer Consistency in Choice of Terminology with Which to Describe the Subject Concepts. PR-0920
A Study of the Computer Arrangeability of Complex Terms Occurring in a Major Tool Used in Subject Analysis. PR-0400

Systems Analysis
Development of the Principles of Cataloging; Phase I: Descriptive Cataloging. PR-0200

Systems Development
Bibliographic Automation of Large Library Operations Using a Time-Sharing System (Project BALLOTS). PR-0240
A Computer-Aided Study of Access Management and Collection Management in Libraries. PR-0610
A Computer-Based System for Reserve Activities in a University Library. PR-0210
Conduct an Analysis of Automated Federal Library Programs to the Purpose of Establishing Feasibility Criteria and as a Basis for Development of a Generalized Automated Systems Design. PR-1050
Construction of a Decision-Making Model for Library Network Implementation in Washington State. PR-0770
Development and Demonstration of a Computer-Assisted Citizen Information Resource System to Enable Urban Residents to Make Maximum Use of Available Public Services. PR-1250
Development of a Computerized Regional Shared-Cataloging System. PR-0900
An Information Processing Laboratory for Education and Research in Library Science. PR-0190
An Information Storage and Retrieval System for Biological and Geological Data. PR-0250
Library Automation: A Critical Review. PR-0390
Study and Development of Automated Instructional Materials Handling Program. PR-0890
A Systems Analysis of Library and Information Science Statistical Data. PR-0560

Taxonomy
The Development of a School Board Policy Classification System and School Board Policy Information Clearinghouse. PR-0730

Teacher Developed Materials
A Comparison Study of Two Teaching Methodologies for a Course in Basic Reference. PR-1630

Teaching Methods
Teaching Library Use to Undergraduate–Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

Teaching Techniques
A Comparison Study of Two Teaching Methodologies for a Course in Basic Reference. PR-1630

Technical Assistance
Indian Library Services Technical Assistance Center (ILSTAC). PR-1590

Technology
Preparation and Dissemination of a Bibliography on Information Science and Technology. PR-0680
Support of Studies for the National Advisory Commission on Libraries. PR-0140

Telecourses
Supplemental Proposal for Planning for the 1973 ATS-F Satellite Educational Experiment for the Rocky Mountain States. PR-1210

Texas (Olney)
A–Community–Cultural–Arts–Center Merging Public and School Library Services in Olney, Texas: A Research and Demonstration Project. PR-1240

Training Objectives
Study of Methods and Materials for Training Scientists and Engineers in the Use of Information Tools, Techniques, Resources, and Facilities. PR-0110

Tutorial Programs
College Library Prototype Tutorial Program to Prepare Adults for CLEP Examinations. PR-1610
A Comparison Study of Two Teaching Methodologies for a Course in Basic Reference. PR-1630

Union Catalogs
Development of a Machine Form Union Catalog for the New England Library Information Network (NELINET). PR-0800
An Investigation of More Effective Means of Organization and Utilization of the Nashville Union Catalog. PR-0930
Retrospective Conversion Pilot Project (Project RECON). PR-0970

Unit Costs
Data Collection and Cost Modeling for Library Circulation Systems. PR-1030

United States
Characteristics of Professional Personnel in College and University Libraries. PR-0010

University Libraries
Bibliographic Automation of Large Library Operations Using a Time-Sharing System (Project BALLOTS). PR-0240
Characteristics of Professional Personnel in College and University Libraries. PR-0010
A Computer-Based System for Reserve Activities in a University Library. PR-0210
Library Statistics of Colleges and Universities, 1965-66; Institutional Data. PR-0040
Preparation of a Supplement to the Directory of Academic Library Consortia. PR-1320
Study of User Requirements in Identifying Desired Works in a Large Library. PR-0230
A Systems Analysis of Library and Information Science Statistical Data. PR-0560
Teaching Library Use to Undergraduate–Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

Urban Population
Development and Testing of Methodology for Planning Urban Information Services. PR-1110
The Development of Strategies for Dealing with the Information Needs of Urban Residents. PR-1530

Urban Schools
Study and Development of Automated Instructional Materials Handling Program. PR-0890

Use Studies
Determination of User Needs and Future Requirements for a Systems Approach to Microform Technology. PR-0550
Detroit Metropolitan Library Research and Demonstration Project. PR-0160
The Effect of Arrangement on the Use of Library Catalogs–An Experimental Study of a Divided and a Dictionary Catalog. PR-0030
An Evaluation of the Impact, Costs and Benefits of the Albuquerque Model Cities Library Materials and Cultural Centers. PR-1150
An Evaluation of the Utility and Cost of Computerized Library Catalogs. PR-0300
The Image of the Public Library in the Mind of the Rural Citizen. PR-0320
Impact Study of the Annual Review of Information Sciences and Technology. PR-0490
Optimum Speed of Library Access as Related to Optimum Size of Library Collections. PR-0450
Public Library in the Network Mode; a Researched Position Paper. PR-1470
Public Library Services and Their Use by Professional Staffs of Welfare Agencies. PR-0060
A Research Design for a Comprehensive Study of the Use, Bibliographic Control and Distribution of Government Publications. PR-1020
Statistical Sampling of Book Readership at a College Library. PR-0660

A Study of Public Library Service to the Disadvantaged in Selected Cities. PR-0840

Study of the Characteristics of Ultramicrofiche and Its Application to Colleges and Universities. PR-0570

Study of User Requirements in Identifying Desired Works in a Large Library. PR-0230

A Systems Analysis of Southwestern Spanish-Speaking Users and Non-Users of Library and Information Services Developing Criteria to Design an Optimal Library Model Concept. PR-0990

Teaching Library Use to Undergraduate–Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

Vermont

A Collaborative Approach to Independent Study for Adults in Vermont: Public Libraries on the Adult Education Team. PR-1460

Video Cassette Systems

Training of Library Personnel in Remote Areas by Videotape. PR-1680

Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1540

Visual Aids

Current Trends in Microform Use by Secondary Schools: Four Case Studies. PR-0440

Microfilm Reader Experiments. PR-0640

Vocational Adjustment

An Investigation of Personality Characteristics among Library Science Students at One Midwestern University. PR-0410

Washington

Construction of a Decision-Making Model for Library Network Implementation in Washington State. PR-0770

Welfare Agencies

Public Library Services and Their Use by Professional Staffs of Welfare Agencies. PR-0060

Western Interstate Bibliographic Network

Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660

Wind River Reservation

Library Development, Wind River Reservation. PR-1570

Worcester Public Library

Increasing Library Use and Resources within an Educational Consortium. PR-1500

Word Lists

A Study of the Computer Arrangeability of Complex Terms Occurring in a Major Tool Used in Subject Analysis. PR-0400

Adams, Kathlyn C.
The Right to Read for Adults: An Investigation of the Library's Role in a Cooperative Venture with the Model Neighborhood Program - Rochester, New York. PR-1350

Albertini, John A.
Study of the Development and Present Status of Automated Techniques and Procedures in Federal Libraries and Documentation Centers. PR-0590

Allen, Noah
Indian Library Services Technical Assistance Center (ILSTAC). PR-1590

Allen, Ruth S.
The Effect of a Librarian-Centered Reading Guidance Program on the Reading Skills and Habits of Elementary School Pupils. PR-0350

Altman, James W.
Orientation of Educators and Behavioral Scientists to Information Systems. PR-0150

Ambos, Leonard
Experimental Use of Copyrighted Materials in an Information System. PR-0280

Angus, Edward L.
Personnel for Research Libraries--Qualifications, Responsibilities, and Use. PR-0710

Antell, Will
Identification of Informational Needs of the American Indian Community That Can Be Met by Library Services. PR-1100

Atherton, Pauline
Development of a Computer-Based Laboratory Program for Library Science Students Using L.C./MARC Tapes. PR-0530

Atkinson, Hugh C.
Optimum Speed of Library Access as Related to Optimum Size of Library Collections. PR-0450

Avram, Henriette D.
Retrospective Conversion Pilot Project (Project RECON). PR-0970

Axeen, Marina E.
Teaching Library Use to Undergraduate--Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

Barrentine, James K.
A Computer-Based Interlibrary Loan Communication Subsystem. PR-1700

Bates, Henry E.
Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago. PR-1390

Beasley, Kenneth E.
Measurement of Effectiveness of Public Library Service. PR-0980

Becker, Joseph, Ed.
A Conference on Interlibrary Communications and Information Networks. PR-0790

Benford, John Q.
Student Library Resource Requirements in Philadelphia: Phase I. PR-0520

Benton, Mildred
A Study of Resources and Major Subject Holdings Available in U.S. Federal Libraries Maintaining Extensive or Unique Collections of Research Materials. PR-0480

Blasingame, Ralph
New Bases for Library and Information Services in Metropolitan Areas. PR-0270

Boaz, Martha
Library School Educational Program without Walls. PR-1600

Borko, Harold
A Study of the Needs for Research in Library and Information Science Education. PR-0750

Bourne, Charles P.
Data Collection and Cost Modeling for Library Circulation Systems. PR-1030
Survey of Library and Information Problems of Prison Populations. PR-1330

Bryan, James E.
Preparation and Dissemination of a Bibliography on Information Science and Technology. PR-0680

Burns, Robert W., Jr.
Design and Testing of a Computerized Method of Handling Library Periodicals. PR-0700

Campbell, Jack M.
Supplemental Proposal for Planning for the 1973 ATS-F Satellite Educational Experiment for the Rocky Mountain States. PR-1210

Carlson, Lawrence O.
A Demonstration Pilot Program of Comprehensive Library Services for the Aged in Selected Communities in Kentucky. PR-1220

Carnovsky, Leon
The Foreign Student in the American Library School. PR-0910

Carroll, Frances Laverne
Feasibility Study for Incorporating a Year Abroad in the Library Science Curriculum. PR-0070

Cazayoux, Vivian
Public Library Services and Their Use by Professional Staffs of Welfare Agencies. PR-0060

Chase, Judith W.
Reinforcement of a Black Cultural Museum through the Development of Its Library Resources in the Field of Black Studies to Provide Education and Research Material with a Wide Application. PR-1480

Chien, Robert T.
The Acquisition of Knowledge in Relation to Information Storage, and Retrieval. PR-0330

Childers, Thomas
The Blue Collar Adult's Information Needs, Seeking Behavior and Use. PR-1510
Knowledge/Information Needs of the Disadvantaged. PR-1280

Clark, Philip M.
Personnel for Research Libraries--Qualifications, Responsibilities, and Use. PR-0710

Clayton, Howard
An investigation of Personality Characteristics among Library Science Students at One Midwestern University. PR-0410

Clever, Elaine C.
Faculty Use of University Library Reference Facilities for Citation and Data Information. PR-0670

Coleman, Jean E.
Project to Develop a Manual on Programming for Literacy. PR-1640

Covey, Harriet
College Library Prototype Tutorial Program to Prepare Adults for CLEP Examinations. PR-1610

Cuadra, Carlos A.
Impact Study of the Annual Review of Information Sciences and Technology. PR-0490
A Study of the Library Components in Consortia in American Higher Education. PR-1040

Curley, Walter W.
A Proposal to Research and Design Criteria for the Implementation and Establishment of a Neighborhood Information Center in Five Public Libraries in Five Cities: Atlanta, Cleveland, Detroit, Houston, Queensborough. PR-1340

Daiute, Robert J.
Statistical Sampling of Book Readership at a College Library. PR-0660

Davis, Hillis D.
Cooperative Venture between the Ohio College Library Center and the Cooperative College Library for on-Line Technical Processing. PR-1400

DeBuse, Raymond
Increasing Library Use and Resources within an Educational Consortium. PR-1500

DeLaney, Diana D.
Preparation of a Supplement to the Directory of Academic Library Consortia. PR-1320

Dennis, Bernard K.
Seminar on Scientific Publications. PR-0960

DeProspo, Ernest R., Jr.
Data Collection and Description of HEA Title II-B Institutes. PR-1000

Dervin, Brenda
The Development of Strategies for Dealing with the Information Needs of Urban Residents. PR-1530

Dickinson, William E.
The Development of a School Board Policy Classification System and School Board Policy Information Clearinghouse. PR-0730

Dolby, James L.
A Computer-Aided Study of Access Management and Collection Management in Libraries. PR-0610
A Study of the Cost of Maintaining and Updating Library Card Catalogs. PR-0670

Donohue, Deirdre A.
An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230

Duggan, Maryann
Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660

Dull, Lloyd W.
Project TREND. PR-1160

Duncan, Cecil E.
ERIC On-Line Retrieval System. PR-0720

Dupuy, Trevor N.
Study to Develop a Research Program for the Design Development of Modern College Libraries. PR-0020

Duvall, Betty
Proposed Model for Combined and Integrated Resources for Community Learning Experiment. PR-1270

Eberhard, John P.
Performance Criteria for the Planning of Community Resource Centers: A Multi-Purpose Library Concept. PR-1520

Eidleman, Mary Landry
Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670

Ely, Donald P.
Center for the Study of Information and Education. PR-1380

Engley, Donald B.
A Program for the Cooperative Acquisition and Use of Library Materials of Seven New England Liberal Arts Colleges (CONVAL) Based on an Analysis of Their Collections. PR-0650

English, Marian S.
A Collaborative Approach to Independent Study for Adults in Vermont: Public Libraries on the Adult Education Team. PR-1460

Eyster, George W.
The Interrelating of Library and Basic Education Services for Disadvantaged Adults: A Demonstration of Four Alternative Working Models. PR-1310

Fasana, Paul
A Computer-Based System for Reserve Activities in a University Library. PR-0210

Fisher, John Hurt
A Program to Demonstrate the Uses of an Inexpensive Microfiche Reader and the Resources of ERIC and Other Microform Information Collections. PR-0950

Fox, Ann M.
The Amenability of a Cataloging Process to Simulation by Automatic Techniques. PR-0460

Frary, Mildred P.
Study and Development of Automated Instructional Materials Handling Program. PR-0890

Fry, Bernard
A Research Design for a Comprehensive Study of the Use, Bibliographic Control and Distribution of Government Publications. PR-1020

Gaddy, Dale
A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

Garner, Robert V.
The Planning, Development, and Demonstration of a Delivery System of Library and Learning Services in a Ten-County Rural Area of Oklahoma. PR-1290

Garrison, Guy
Studies in Public Library Government, Organization and Support. PR-0310

Gaymon, Nicholas E.
Minority Program Development for Libraries and Learning Resources. PR-1360

Gell, Marilyn
Development of a Model Interdisciplinary Continuing Education Curriculum for Librarians. PR-1710

Giles, Louise
A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

Goggin, Margaret Knox
Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1540

Goheen, Patricia A.
A Systems Approach to the Individualization of Library Science Instruction. PR-0600

Goldhor, Herbert
A Manual for the Conduct of Research in Librarianship. PR-0060

Goldstein, Samuel
Development of a Machine Form Union Catalog for the New England Library Information Network (NELINET). PR-0800

Gorman, Kenneth A.
Statistical Sampling of Book Readership at a College Library. PR-0660

Gothberg, Helen M.
A Comparison Study of Two Teaching Methodologies for a Course in Basic Reference. PR-1630

Hoas, Warren J.
Preparation of Detailed Specifications for a National System for the Preservation of Library Materials. PR-1010

Hall, Anne C.
An Analysis of Certain Professional Library Occupations in Relation to Formal Educational Objectives. PR-0380

Hamburg, Morris
A Systems Analysis of Library and Information Science Statistical Data. PR-0560

Hamilton, Ruth Hewitt
Planning Project for Community Learning Center. PR-1260

Harris, Jessica L.
A Study of the Computer Arrangeability of Complex Terms Occurring in a Major Tool Used in Subject Analysis. PR-0400

Hartsfield, Annie Mary
Study of State Library Legislation. PR-0630

Heidbreder, Ann
The Organization and Operation of Educational Resources Selection Centers: Identification and Analysis of Current Practices and Guidelines for Model Centers. PR-0510

Heslington, David M.
A Proposal to Research and Design Criteria for the Implementation and Establishment of a Neighborhood Information Center in Five Public Libraries in Five Cities: Atlanta, Cleveland, Detroit, Houston, Queensborough. PR-1340

Horner, Saul
Study of Methods and Materials for Training Scientists and Engineers in the Use of Information Tools, Techniques, Resources, and Facilities. PR-0110

Hines, Theodore C.
Inter-Indexer Consistency in Perception of Subject Concepts in Contrast to Inter-Indexer Consistency in Choice of Terminology with Which to Describe the Subject Concepts. PR-0920

Holmes, Donald C.
Determination of User Needs and Future Requirements for a Systems Approach to Microform Technology. PR-0550

Hutchens, Jimmie R.
Early Childhood Creative Library. PR-1560

Jahoda, Gerald
The Process of Answering Reference Questions. A Test of a Descriptive Model. PR-1490

Johnson, Harold G.
Detroit Metropolitan Library Research and Demonstration Project. PR-0160

Katz, Ruth M.
Training of Library Personnel in Remote Areas by Videotape. PR-1680
Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1540

Kilgour, Frederick G.
Development of a Computerized Regional Shared-Cataloging System. PR-0900

Kitchen, James A.
A Community Cultural Arts Center Merging Public and School Library Services in Olney, Texas: A Research and Demonstration Project. PR-1240

Kortendick, James J.
Post-Master's Education for Middle- and Upper-Level Personnel in Library and Information Centers. PR-0540

Kottenstette, James P.
Study of the Characteristics of Ultramicrofiche and Its Application to Colleges and Universities. PR-0570

Krikelas, James
The Effect of Arrangement on the Use of Library Catalogs--An Experimental Study of a Divided and a Dictionary Catalog. PR-0030

Krowe, Linda
Inter-Agency Cooperation. PR-1450

Lange, Philip C.
Commissioned Papers Project. PR-1080
Public Library in the Network Mode; a Researched Position Paper. PR-1470

Lee, Thomas Graham
Current Trends in Microform Use by Secondary Schools: Four Case Studies. PR-0440

Lewis, Raymond
An Investigation, Analysis and Evaluation of Activities Connected with the Operation of Educational Information Service Centers. PR-0500

Lipetz, Ben-Ami
Study of User Requirements in Identifying Desired Works in a Large Library. PR-0230

Lipsman, Claire K.
A Study of Public Library Service to the Disadvantaged in Selected Cities. PR-0840

Lubetsky, Seymour
Development of the Principles of Cataloging; Phase I: Descriptive Cataloging. PR-0200

Lyman, Helen H.
Library Materials in Service to the Adult New Reader. PR-0370
Research Reports - Ethnic Groups for Handbook on the Adult New Reader and His Readings. PR-1420

Mann, Allan
Development and Demonstration of a Computer-Assisted Citizen Information Resource System to Enable Urban Residents to Make Maximum Use of Available Public Services. PR-1250

Markuson, Barbara E.
Conduct an Analysis of Automated Federal Library Programs to the Purpose of Establishing Feasibility Criteria and as a Basis for Development of a Generalized Automated Systems Design. PR-1050
Factors Affecting the Adaptation of Academic and Other Libraries to On-Line Networks. PR-1440

Maron, M. E.
An Information Processing Laboratory for Education and Research in Library Science. PR-0190
A Study of the Organization and Search of Bibliographic Holdings Records in On-Line Computer Systems: Phase I. PR-0170

Martin, I. Margareta
An Investigation of More Effective Means of Organization and Utilization of the Nashville Union Catalog. PR-0930

Mersel, Jules
An Overview of the Library Services and Construction Act - Title I. PR-0580

Metz, Douglas W.
National Survey of Library Services to the Aging. PR-1120

Monroe, Henry W.
The Image of the Public Library in the Mind of the Rural Citizen. PR-0320

Montague, Eleanor A.
Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660

Newman, Mayralee F.
Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina. PR-1300

Overhage, Carl F. J.
Microfilm Reader Experiments. PR-0640

Overmyer, LaVahn
Library Automation: A Critical Review. PR-0390

Penland, Patrick R.
Librarian Client Learning Projects. PR-1620

Phinazee, Annette
Identification and Coordination of African-American Materials in Six States. PR-1130

Pilot, Michael
Determine Manpower Requirements and Supply of Professional Librarians, Library Technicians, and Library Assistants. PR-1200

Pool, Jane
An Analysis of Individual School Selection and Use of System Approved Lists. PR-0690

Raffel, Jeffrey A.
Study of Exemplary Public Library Reading and Reading-Related Programs for Children, Youth and Adults. PR-1060

Redman, Alfred
Library Development, Wind River Reservation. PR-1570

Reed, Mary Jane
Study for Design of an Optimum System for Mail Order Book Delivery System in the State of Washington. PR-1430

Reed, Sarah R.
North American Library Education Directory and Statistics 1971-1973. PR-1410

Resnikoff, H. L.
An Evaluation of the Utility and Cost of Computerized Library Catalogs. PR-0300

Reyes, Joseph
A Systems Analysis of Southwestern Spanish-Speaking Users and Non-Users of Library and Information Services Developing Criteria to Design an Optimal Library Model Concept. PR-0990

Reynolds, Maryan E.
Construction of a Decision-Making Model for Library Network Implementation in Washington State. PR-0770

Roberts, A. Hood
Experiment in Fast Dissemination of Research in Selected Fields in Linguistics. PR-0740

Rowell, John
The Organization and Operation of Educational Resources Selection Centers: Identification and Analysis of Current Practices and Guidelines for Model Centers. PR-0510

Ruggles, Melville J.
Support of Studies for the National Advisory Commission on Libraries. PR-0140

Schick, Frank L.
North American Library and Information Science Education Directory and Statistics, 1969-71. PR-0820

Schiller, Anita R.
Characteristics of Professional Personnel in College and University Libraries. PR-0010

Schultz, Claire K.
Evaluation of Indexing by Group Consensus. PR-0080

Sharp, Laura M.
Overview of the Library Fellowship Program. PR-0780

Sherman, Charles N.
An Investigation, Analysis and Evaluation of Activities Connected with the Operation of Educational Information Service Centers. PR-0500

Sherman, Stuart C.
The Development and Pilot Operation of a System to Reclassify Older Books under the Library of Congress Classification System for a Public Library Currently Employing the Dewey Decimal Classification. PR-0420

Simonton, Wesley
An Education Research Information Center Clearinghouse for Library and Information Sciences. PR-0100

Slavens, Thomas P.
The Development and Testing of Materials for Computer-Assisted Instruction in the Education of Reference Librarians. PR-0620

Smith, Lotsee
Demonstration Library Projects in Selected Indian Communities (Library Demonstration Project/American Indian). PR-1690

Sophar, Gerald
The Determination of Legal Facts and Economic Guideposts with Respect to the Dissemination of Scientific and Educational Information as It Is Affected by Copyright--A Status Report. PR-0090

Squires, Donald F.
An Information Storage and Retrieval System for Biological and Geological Data. PR-0250

Stewart, Blair
Improving the Speed and Comprehensiveness of Interlibrary Access to Periodical Literature. PR-1580

Stone, Elizabeth W.
Post-Master's Education for Middle- and Upper-Level Personnel in Library and Information Centers. PR-0540

Summit, Roger K.
ERIC On-Line Retrieval System PR-0720

Taylor, David W.
An Operations Research Study of the Pacific Northwest Bibliographic Center. PR-1090

Taylor, Robert S.
Development of the Concept of an Experimenting and Extended College Library. PR-0290

Toro, Jose O.
Nontraditional Study - The Public Library Approach. PR-1370

Tressel, George W.
Design and Preparation of Presentation Which Can Be Used with Two Identified Audiences for the Purpose of Increasing Skill in Locating Information through Effective Use of Federal Information Systems and Related Services. PR-0850

Trezza, Alphonse F.
Library Statistics of Colleges and Universities, 1965-66; Institutional Data. PR-0040

Turner, Edward F., Jr.
Study of the Implications of Modern Technology in Small College Libraries. PR-0120

Urbach, Floyd D.
Technological Applications Project. PR-1140

Veaner, Allen B.
Bibliographic Automation of Large Library Operations Using a Time-Sharing System (Project BALLOTS). PR-0240

Von Foerster, Heinz
The Acquisition of Knowledge in Relation to Information Storage, and Retrieval. PR-0330

Wallace, Everett M.
Research and Development of On-The-Job Training Courses for Library Personnel. PR-0340

Warner, Edward S.
Development and Testing of Methodology for Planning Urban Information Services. PR-1110

Wasserman, Paul
A Program of Research into the Identification of Manpower Requirements, the Educational Preparation and the Utilization of Manpower in the Library and Information Professions. PR-0180

Weaver, Barbara F.
Library Administration Simulation Project. PR-1530

Weibel, Kathleen
Inter-Agency Cooperation. PR-1450

Wert, Lucille M.
Library Education and High School Library Service. PR-0430

Wilson, Robert G.
Development of a Low-Cost Microform Reader. PR-0860

Wood, James L.
Review of the Availability of Primary Scientific and Technical Documents within the United States. PR-0130

Zink, Lee B.
An Evaluation of the Impact, Costs and Benefits of the Albuquerque Model Cities Library Materials and Cultural Centers. PR-1150

Administration and Management Research Association of New York City, N.Y.
Development and Demonstration of a Computer-Assisted Citizen Information Resource System to Enable Urban Residents to Make Maximum Use of Available Public Services. PR-1250

Akron Public Schools, Ohio.
Project TREND. PR-1160

American Association of Junior Colleges, Washington, D.C.
A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

American Chemical Society, Columbus, Ohio. Chemical Abstracts Service.
Review of the Availability of Primary Scientific and Technical Documents within the United States. PR-0130

American Educational Publishers Inst., New York, N.Y.
Experimental Use of Copyrighted Materials in an Information System. PR-0280

American Inst. of Architects, Washington, D.C.
Performance Criteria for the Planning of Community Resource Centers: A Multi-Purpose Library Concept. PR-1520

American Institutes for Research in the Behavioral Sciences, Pittsburgh, Pa.
Orientation of Educators and Behavioral Scientists to Information Systems. PR-0150

American Library Association, Chicago, Ill.
A Conference on Interlibrary Communications and Information Networks. PR-0790
Measurement of Effectiveness of Public Library Service. PR-0980
Project to Develop a Manual on Programming for Literacy. PR-1640

American Library Association, Chicago, Ill. Library Administration Div.
Library Statistics of Colleges and Universities, 1965-66; Institutional Data. PR-0040

American Society for Information Science, Washington, D.C.
Preparation and Dissemination of a Bibliography on Information Science and Technology. PR-0680

Appalachian State Univ., Boone, N.C.
Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina. PR-1300

Arizona Univ., Tucson.
A Comparison Study of Two Teaching Methodologies for a Course in Basic Reference. PR-1630

Associated Colleges of the Midwest, Chicago, Ill.
Improving the Speed and Comprehensiveness of Interlibrary Access to Periodical Literature. PR-1580

Association of Research Libraries, Washington, D.C.
Determination of User Needs and Future Requirements for a Systems Approach to Microform Technology. PR-0550
Preparation of Detailed Specifications for a National System for the Preservation of Library Materials. PR-1010

Barass, Reitzel, and Associates, Inc., Cambridge, Mass.
Study of Exemplary Public Library Reading and Reading-Related Programs for Children, Youth and Adults. PR-1060

Battelle Memorial Inst., Columbus, Ohio.
Design and Preparation of Presentation Which Can Be Used with Two Identified Audiences for the Purpose of Increasing Skill in Locating Information through Effective Use of Federal Information Systems and Related Services. PR-0850

Battelle Memorial Inst., Washington, D.C.
Seminar on Scientific Publications. PR-0960

Behavior Science Corp., Washington, D.C.
A Study of Public Library Service to the Disadvantaged in Selected Cities. PR-0840

Bourne (Charles) and Associates, Menlo Park, Calif.
Data Collection and Cost Modeling for Library Circulation Systems. PR-1030

Bureau of Labor Statistics (DOL), Washington, D.C.
Determine Manpower Requirements and Supply of Professional Librarians, Library Technicians, and Library Assistants. PR-1200

Bureau of Social Science Research, Inc., Washington, D.C.
Overview of the Library Fellowship Program. PR-0780

California Univ., Berkeley. Inst. of Library Research.
An Information Processing Laboratory for Education and Research in Library Science. PR-0190
A Study of the Organization and Search of Bibliographic Holdings Records in On-Line Computer Systems: Phase I. PR-0170
Survey of Library and Information Problems of Prison Populations. PR-1330

California Univ., Los Angeles. Graduate School of Library and Information Science.
Development of the Principles of Cataloging: Phase I: Descriptive Cataloging. PR-0200

California Univ., Los Angeles. Inst. of Library Research.
A Study of the Needs for Research in Library and Information Science Education. PR-0750

Carnegie Library of Pittsburgh, Pa.
An Analysis of Certain Professional Library Occupations in Relation to Formal Educational Objectives. PR-0380

Case Western Reserve Univ., Cleveland, Ohio.
A Systems Approach to the Individualization of Library Science Instruction. PR-0600

Case Western Reserve Univ., Cleveland, Ohio. School of Library Science.
Library Automation: A Critical Review. PR-0390

Catholic Univ. of America, Washington, D.C.
Post-Master's Education for Middle- and Upper-Level Personnel in Library and Information Centers. PR-0540

Center for Applied Linguistics, Washington, D.C.
Experiment in Fast Dissemination of Research in Selected Fields in Linguistics. PR-0740

Chicago Public Library, Ill.
Inter-Agency Cooperation. PR-1450
Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago. PR-1390

Chicago Univ., Ill.
The Foreign Student in the American Library School. PR-0910

Cleveland Public Library, Ohio.
National Survey of Library Services to the Aging. PR-1120
A Proposal to Research and Design Criteria for the Implementation and Establishment of a Neighborhood Information Center in Five Public Libraries in Five Cities: Atlanta, Cleveland, Detroit, Houston, Queensborough. PR-1340

College Entrance Examination Board, New York, N.Y.
Nontraditional Study - The Public Library Approach. PR-1370

Colorado State Univ., Ft. Collins.
Design and Testing of a Computerized Method of Handling Library Periodicals. PR-0700

Columbia Univ., New York, N.Y.
A Computer-Based System for Reserve Activities in a University Library. PR-0210
Inter-Indexer Consistency in Perception of Subject Concepts in Contrast to Inter-Indexer Consistency in Choice of Terminology with Which to Describe the Subject Concepts. PR-0920

Columbia Univ., New York, N.Y. School of Library Service.
A Study of the Computer Arrangeability of Complex Terms Occurring in a Major Tool Used in Subject Analysis. PR-0400

Columbia Univ., New York, N.Y. Teachers College.
Commissioned Papers Project. PR-1080
Public Library in the Network Mode; a Researched Position Paper. PR-1470

Committee to Investigate Copyright Problems Affecting Communications in Science and Education, Inc., Washington, D.C.
The Determination of Legal Facts and Economic Guideposts with Respect to the Dissemination of Scientific and Educational Information as It Is Affected by Copyright--A Status Report. PR-0090

Cooperative Coll. Library Center, Inc., Atlanta, Ga.
Cooperative Venture between the Ohio College Library Center and the Cooperative College Library for on-Line Technical Processing. PR-1400

DASA Corp., Andover, Mass.
Development of a Low-Cost Microform Reader. PR-0860

Denver Univ., Colo.
Study of the Characteristics of Ultramicrofiche and Its Application to Colleges and Universities. PR-0570

Denver Univ., Colo. Graduate School of Librarianship.
Training of Library Personnel in Remote Areas by Videotape. PR-1680
Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1540

Drexel Univ., Philadelphia, Pa. Graduate School of Library Science.
The Blue Collar Adult's Information Needs, Seeking Behavior and Use. PR-1510
Knowledge/Information Needs of the Disadvantaged. PR-1280

Duke Univ., Durham, N.C.
Support of Studies for the National Advisory Commission on Libraries. PR-0140

East Central State Coll., Ada, Okla.
The Planning, Development, and Demonstration of a Delivery System of Library and Learning Services in a Ten-County Rural Area of Oklahoma. PR-1290

Educational Development Associates, Manchester, N.H.
The Image of the Public Library in the Mind of the Rural Citizen. PR-0320

Federation of Rocky Mountain States, Inc., Denver, Colo.
Supplemental Proposal for Planning for the 1973 ATS-F Satellite Educational Experiment for the Rocky Mountain States. PR-1210

Florida A and M Univ., Tallahassee.
Minority Program Development for Libraries and Learning Resources. PR-1360

Florida State Univ., Tallahassee.
Study of State Library Legislation. PR-0630

Florida State Univ., Tallahassee. School of Library Science.
The Process of Answering Reference Questions. A Test of a Descriptive Model. PR-1490

George Peabody Coll. for Teachers, Nashville, Tenn.
An Investigation of More Effective Means of Organization and Utilization of the Nashville Union Catalog. PR-0930

George Washington Univ., Washington, D.C. Biological Sciences Communication Project.
A Study of Resources and Major Subject Holdings Available in U.S. Federal Libraries Maintaining Extensive or Unique Collections of Research Materials. PR-0480

Hampshire Coll., Amherst, Mass.
Development of the Concept of an Experimenting and Extended College Library. PR-0290

Homer and Co., Washington, D.C.
Study of Methods and Materials for Training Scientists and Engineers in the Use of Information Tools, Techniques, Resources, and Facilities. PR-0110

Historical Evaluation and Research Organization, McLean, Va.
Study to Develop a Research Program for the Design Development of Modern College Libraries. PR-0020

Illinois Univ., Urbana.
The Acquisition of Knowledge in Relation to Information Storage, and Retrieval. PR-0330
Teaching Library Use to Undergraduate--Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

Illinois Univ., Urbana. Graduate School of Library Science.
The Amenability of a Cataloging Process to Simulation by Automatic Techniques. PR-0460

Library Education and High School Library Service. PR-0430
A Manual for the Conduct of Research in Librarianship. PR-0360

Illinois Univ., Urbana. Library Research Center.
Characteristics of Professional Personnel in College and University Libraries. PR-0010
The Effect of Arrangement on the Use of Library Catalogs--An Experimental Study of a Divided and a Dictionary Catalog. PR-0030
Studies in Public Library Government, Organization and Support. PR-0310

Immaculate Heart Coll., Los Angeles, Calif.
College Library Prototype Program to Prepare Adults for GED Examinations. PR-1610

Indiana State Library, Indianapolis.
Factors Affecting the Adaptation of Academic and Other Libraries to On-Line Networks. PR-1440

Indiana Univ. Foundation, Bloomington.
A Research Design for a Comprehensive Study of the Use, Bibliographic Control and Distribution of Government Publications. PR-1020

Indiana Univ., Bloomington.
North American Library Education Directory and Statistics 1971-1973. PR-1410

Information Dynamics Corp., Bethesda, Md.
Study of the Development and Present Status of Automated Techniques and Procedures in Federal Libraries and Documentation Centers. PR-0590

Institute for Advancement of Medical Communication, Philadelphia, Pa.
Evaluation of Indexing by Group Consensus. PR-0080

Institute of Lifetime Learning, Washington, D.C.
A Demonstration Pilot Program of Comprehensive Library Services for the Aged in Selected Communities in Kentucky. PR-1220

Library of Congress, Washington, D.C. Information Systems Office.
Retrospective Conversion Pilot Project (Project RECON). PR-0970

Lockheed Aircraft Corp., Palo Alto, Calif.
ERIC On-Line Retrieval System. PR-0720

Los Angeles Unified School District, Calif.
Study and Development of Automated Instructional Materials Handling Program. PR-0890

Maryland State Dept. of Education, Baltimore. Div. of Library Development and Services.
Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670

Maryland Univ., College Park. School of Library and Information Services.
A Program of Research into the Identification of Manpower Requirements, the Educational Preparation and the Utilization of Manpower in the Library and Information Professions. PR-0180

Massachusetts Inst. of Tech., Cambridge. Div. of Sponsored Research.
Microfilm Reader Experiments. PR-0640

Metropolitan Washington Council of Governments, Washington, D.C.
Development of a Model Interdisciplinary Continuing Education Curriculum for Librarians. PR-1710

Michigan Univ., Ann Arbor. School of Library Sciences.
The Development and Testing of Materials for Computer-Assisted Instruction in the Education of Reference Librarians. PR-0620

Minnesota Univ., Minneapolis.
An Education Research Information Center Clearinghouse for Library and Information Sciences. PR-0100

Miriam B. Wilson Foundation, Sullivan's Island, S.C.
Reinforcement of a Black Cultural Museum through the Development of Its Library Resources in the Field of Black Studies to Provide Education and Research Material with a Wide Application. PR-1480

Modern Language Association of America, New York, N.Y.
A Program to Demonstrate the Uses of an Inexpensive Microfiche Reader and the Resources of ERIC and Other Microform Information Collections. PR-0950

Muskegon Area Schools, Muskegon, Mich.
Current Trends in Microform Use by Secondary Schools: Four Case Studies. PR-0440

Monroe County Library System, Rochester, N.Y.
The Right to Read for Adults: An Investigation of the Library's Role in a Cooperative Venture with the Model Neighborhood Program - Rochester, New York. PR-1350

Morehead State Univ., Ky. Appalachian Adult Education Center.
The Interrelating of Library and Basic Education Services for Disadvantaged Adults: A Demonstration of Four Alternative Working Models. PR-1310

National Book Committee, Inc., New York, N.Y.
The Organization and Operation of Educational Resources Selection Centers: Identification and Analysis of Current Practices and Guidelines for Model Centers. PR-0510

National Education Resources Inst., Inc., Washington, D.C.
A Systems Analysis of Southwestern Spanish-Speaking Users and Non-Users of Library and Information Services Developing Criteria to Design an Optimal Library Model Concept. PR-0990

National Indian Education Association, Minneapolis, Minn.
Identification of Informational Needs of the American Indian Community That Can Be Met by Library Services. PR-1100
Indian Library Services Technical Assistance Center (ILSTAC). PR-1590

National School Boards Association, Washington, D.C.
The Development of a School Board Policy Classification System and School Board Policy Information Clearinghouse. PR-0730

New England Board of Higher Education, Wellesley, Mass.
Development of a Machine Form Union Catalog for the New England Library Information Network (NELINET). PR-0800

New Mexico Univ., Albuquerque.
Demonstration Library Projects in Selected Indian Communities (Library Demonstration Project/American Indian). PR-1690
An Evaluation of the Impact, Costs and Benefits of the Albuquerque Model Cities Library Materials and Cultural Centers. PR-1150

North Carolina Central Univ., Durham.
Identification and Coordination of African-American Materials in Six States. PR-1130

North Texas State Univ., Denton.
An Analysis of Individual School Selection and Use of System Approved Lists. PR-0690
A Community Cultural Arts Center Merging Public and School Library Services in Olney, Texas: A Research and Demonstration Project. PR-1240

Ohio Coll. Library Center, Columbus.
A Computer-Based Interlibrary Loan Communication Subsystem. PR-1700
Development of a Computerized Regional Shared-Cataloging System. PR-0900

Ohio State Univ., Columbus. Libraries.
Optimum Speed of Library Access as Related to Optimum Size of Library Collections. PR-0450

Oklahoma Univ., Norman.
Feasibility Study for Incorporating a Year Abroad in the Library Science Curriculum. PR-0070

Pennsylvania Univ., Philadelphia. Wharton School of Finance and Commerce.
A Systems Analysis of Library and Information Science Statistical Data. PR-0560

Philadelphia School District, Pa.
Student Library Resource Requirements in Philadelphia: Phase I. PR-0520

Pittsburgh Univ., Pa. Graduate School of Library and Information Sciences.
Librarian Client Learning Projects. PR-1620

Providence Public Library, R.I.
The Development and Pilot Operation of a System to Reclassify Older Books under the Library of Congress Classification System for a Public Library Currently Employing the Dewey Decimal Classification. PR-0420

R and D Consultants Co., Los Altos, Calif.
A Computer-Aided Study of Access Management and Collection Management in Libraries. PR-0610
An Evaluation of the Utility and Cost of Computerized Library Catalogs. PR-0300
A Study of the Cost of Maintaining and Updating Library Card Catalogs. PR-0470

Regional Planning Council, Baltimore, Md.
Development and Testing of Methodology for Planning Urban Information Services. PR-1110

Rhode Island Dept. of State Library Services, Providence.
An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230

Rider Coll., Trenton, N.J.
Statistical Sampling of Book Readership at a College Library. PR-0660

Rutgers, The State Univ., New Brunswick, N.J.
Data Collection and Description of HEA Title II-B Institutes. PR-1000
Personnel for Research Libraries--Qualifications, Responsibilities, and Use. PR-0710

Rutgers, The State Univ., New Brunswick, N.J. Graduate School of Library Service.
New Bases for Library and Information Services in Metropolitan Areas. PR-0270

Saint Louis Junior Coll. District, Ferguson, Mo. Florissant Valley Community Coll.
Proposed Model for Combined and Integrated Resources for Community Learning Experiment. PR-1270

Smithsonian Institution, Washington, D.C. Museum of Natural History.
An Information Storage and Retrieval System for Biological and Geological Data. PR-0250

Stanford Univ., Calif. Libraries.
Bibliographic Automation of Large Library Operations Using a Time-Sharing System (Project BALLOTS). PR-0240

State Univ. of New York, Brockport. Coll. at Brockport.
An Investigation of Personality Characteristics among Library Science Students at One Midwestern University. PR-0410

Syracuse Univ., N.Y.
Development of a Computer-Based Laboratory Program for Library Science Students Using L.C./MARC Tapes. PR-0530

Syracuse Univ., N.Y. School of Education.
Center for the Study of Information and Education. PR-1380

System Development Corp., Falls Church, Va.
An Investigation, Analysis and Evaluation of Activities Connected with the Operation of Educational Information Service Centers. PR-0500

System Development Corp., Santa Monica, Calif.
Conduct an Analysis of Automated Federal Library Programs to the Purpose of Establishing Feasibility Criteria and as a Basis for Development of a Generalized Automated Systems Design. PR-1050
Impact Study of the Annual Review of Information Sciences and Technology. PR-0490
An Overview of the Library Services and Construction Act - Title I. PR-0580
Preparation of a Supplement to the Directory of Academic Library Consortia. PR-1320
Research and Development of On-The-Job Training Courses for Library Personnel. PR-0340
A Study of the Library Components in Consortia in American Higher Education. PR-1040

Temple Univ., Philadelphia, Pa.
Faculty Use of University Library Reference Facilities for Citation and Data Information. PR-0670

Trinity Coll., Hartford, Conn.
A Program for the Cooperative Acquisition and Use of Library Materials of Seven New England Liberal Arts Colleges (CONVAL) Based on an Analysis of Their Collections. PR-0650

United States International Univ., San Diego, Calif.
Technological Applications Project. PR-1140

University of South Florida, Tampa. Coll. of Education.
The Effect of a Librarian-Centered Reading Guidance Program on the Reading Skills and Habits of Elementary School Pupils. PR-0350

University of Southern California, Los Angeles.
Library School Educational Program without Walls. PR-1600

Vermont Community Colleges, Montpelier.
A Collaborative Approach to Independent Study for Adults in Vermont: Public Libraries on the Adult Education Team. PR-1460

Washington and Lee Univ., Lexington, Va.
Study of the Implications of Modern Technology in Small College Libraries. PR-0120

Washington State Library, Olympia.
Construction of a Decision-Making Model for Library Network Implementation in Washington State. PR-0770
An Operations Research Study of the Pacific Northwest Bibliographic Center. PR-1090
Planning Project for Community Learning Center. PR-1260
Study for Design of an Optimum System for Mail Order Book Delivery System in the State of Washington. PR-1430

Washington Univ., Seattle. School of Communications.
The Development of Strategies for Dealing with the Information Needs of Urban Residents. PR-1530

Wayne State Univ., Detroit, Mich.
Detroit Metropolitan Library Research and Demonstration Project. PR-0160

Western Interstate Commission for Higher Education, Boulder, Colo.
Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660

Wind River Indian Education Association, Inc., Ethete, Wyo.
Library Development, Wind River Reservation. PR-1570

Wisconsin Univ., Madison.
Library Materials in Service to the Adult New Reader. PR-0370
Public Library Services and Their Use by Professional Staffs of Welfare Agencies. PR-0060
Research Reports - Ethnic Groups for Handbook on the Adult New Reader and His Readings. PR-1420

Wisconsin Univ., Milwaukee. School of Library Science.
North American Library and Information Science Education Directory and Statistics, 1969-71. PR-0820

Worcester Consortium for Higher Education, Inc., Mass.
Increasing Library Use and Resources within an Educational Consortium. PR-1500

Worcester Public Library, Mass.
Library Administration Simulation Project. PR-1550

Yadkin Valley Economic Development District, Inc., Walnut Cove, N.C.
Early Childhood Creative Library. PR-1560

Yale Univ., New Haven, Conn. Library.
Study of User Requirements in Identifying Desired Works in a Large Library. PR-0230

G007500617
The Development of Strategies for Dealing with the Information Needs of Urban Residents. PR-1530

G007500618
Early Childhood Creative Library. PR-1560

G007500619
The Process of Answering Reference Questions. A Test of a Descriptive Model. PR-1490

G007500620
College Library Prototype Tutorial Program to Prepare Adults for CLEP Examinations. PR-1610

G007500621
Librarian Client Learning Projects. PR-1620

G007500622
A Comparison Study of Two Teaching Methodologies for a Course in Basic Reference. PR-1630

G007500623
Project to Develop a Manual on Programming for Literacy. PR-1640

G007500659
Reinforcement of a Black Cultural Museum through the Development of Its Library Resources in the Field of Black Studies to Provide Education and Research Material with a Wide Application. PR-1480

G007500660
Information and Referral Service for the Residents of Maryland's Eastern Shore. PR-1670

G007500661
Training of Library Personnel in Remote Areas by Videotape. PR-1680

G007500662
Demonstration Library Projects in Selected Indian Communities (Library Demonstration Project/American Indian). PR-1690

G007500663
A Computer-Based Interlibrary Loan Communication Subsystem. PR-1700

G007500739
Indian Library Services Technical Assistance Center (ILSTAC). PR-1590

G007500740
Library Administration Simulation Project. 1550

G007500741
Cost and Funding Studies Concerning Development and Implementation of a Western Interstate Bibliographic Network. PR-1660

G0075007-2
Development of a Model Interdisciplinary Continuing Education Curriculum for Librarians. PR-1710

G007500743
Nontraditional Study - The Public Library Approach. PR-1370

G007501991
Library School Educational Program without Walls. PR-1600

IAD-0-72-040
Determine Manpower Requirements and Supply of Professional Librarians, Library Technicians, and Library Assistants. PR-1200

OEC-0-70-1493
Seminar on Scientific Publications. PR-0960

OEC-0-70-2289(506)
Development of a Computerized Regional Shared-Cataloging System. PR-0900

OEC-0-70-2300(506)
The Foreign Student in the American Library School. PR-0910

OEC-0-70-2746
A Research Design for a Comprehensive Study of the Use, Bibliographic Control and Distribution of Government Publications. PR-1020

OEC-0-70-2763
A Program to Demonstrate the Uses of an Inexpensive Microfiche Reader and the Resources of ERIC and Other Microform Information Collections. PR-0950

OEC-0-70-2846(506)
A Study of the Library Components in Consortia in American Higher Education. PR-1040

OEC-0-70-3952(506)
Conduct an Analysis of Automated Federal Library Programs to the Purpose of Establishing Feasibility Criteria and as a Basis for Development of a Generalized Automated Systems Design. PR-1050

OEC-0-70-4921
Study of Exemplary Public Library Reading and Reading-Related Programs for Children, Youth and Adults. PR-1060

OEC-0-70-51AD
Retrospective Conversion Pilot Project (Project RECON). PR-0970

OEC-0-70-5234(506)
Data Collection and Description of HEA Title II-B Institutes. PR-1000

OEC-0-70-5235
Data Collection and Cost Modeling for Library Circulation Systems. PR-1030

OEC-0-71-4555
Development and Testing of Methodology for Planning Urban Information Services. PR-1110

OEC-0-72-0904
Supplemental Proposal for Planning for the 1973 ATS-F Satellite Educational Experiment for the Rocky Mountain States. PR-1210

OEC-0-72-1243
Preparation of a Supplement to the Directory of Academic Library Consortia. PR-1320

OEC-0-74-0551
Commissioned Papers Project. PR-1080
Public Library in the Network Mode; a Researched Position Paper. PR-1470

OEC-0-8-080310-3742(095)
A Study of Resources and Major Subject Holdings Available in U.S. Federal Libraries Maintaining Extensive or Unique Collections of Research Materials. PR-0480

OEC-0-8-080346-2800(010)
An Investigation, Analysis and Evaluation of Activities Connected with the Operation of Educational Information Service Centers. PR-0500

OEC-0-8-080786-4612(095)
Determination of User Needs and Future Requirements for a Systems Approach to Microform Technology. PR-0550

OEC-0-8-080826-4648(095)
Study of the Characteristics of Ultramicrofiche and Its Application to Colleges and Universities. PR-0570

OEC-0-8-08515-4438(095)
The Organization and Operation of Educational Resources Selection Centers: Identification and Analysis of Current Practices and Guidelines for Model Centers. PR-0510

OEC-0-8-089027-4475(095)
An Overview of the Library Services and Construction Act - Title I. PR-0580

OEC-0-8-089031-4627(095)
Study of the Development and Present Status of Automated Techniques and Procedures in Federal Libraries and Documentation Centers. PR-0590

OEC-0-9-099012-4648
Development of a Low-Cost Microform Reader. PR-0860

OEC-0-9-140548-2791(095)
A Computer-Aided Study of Access Management and Collection Management in Libraries. PR-0610

OEC-0-9-180260-3703(095)
A Research Project to Determine the Student Acceptability and Learning Effectiveness of Microform Collections in Community Junior Colleges: Phases I, II, and III. PR-0760

OEC-0-9-189008-4598(010)(095)
A Study of Public Library Service to the Disadvantaged in Selected Cities. PR-0840

OEC-0-9-230288-4235(095)
A Conference on Interlibrary Communications and Information Networks. PR-0790

OEC-0-9-459010-4584(095)
Design and Preparation of Presentation Which Can Be Used with Two Identified Audiences for the Purpose of Increasing Skill in Locating Information through Effective Use of Federal Information Systems and Related Services. PR-0850

OEC-1-071038-3914
Orientation of Educators and Behavioral Scientists to Information Systems. PR-0150

OEC-1-7-070031-5137
Study to Develop a Research Program for the Design Development of Modern College Libraries. PR-0020

OEC-1-7-070622-3890
Evaluation of Indexing by Group Consensus. PR-0080

OEC-1-7-070793-3559
The Determination of Legal Facts and Economic Guideposts with Respect to the Dissemination of Scientific and Educational Information as It Is Affected by Copyright--A Status Report. PR-0090

OEC-1-7-070866-4575
An Education Research Information Center Clearinghouse for Library and Information Sciences. PR-0100

OEC-1-7-070895-3777
Study of Methods and Materials for Training Scientists and Engineers in the Use of Information Tools, Techniques, Resources, and Facilities. PR-0110

OEC-1-7-070930-5145
Review of the Availability of Primary Scientific and Technical Documents within the United States. PR-0130

OEC-1-7-071084-5017
A Program of Research into the Identification of Manpower Requirements, the Educational Preparation and the Utilization of Manpower in the Library and Information Professions. PR-0180

OEC-1-7-071173-5094
Experimental Use of Copyrighted Materials in an Information System. PR-0280

OEC-1-7-071182-5013
An Evaluation of the Utility and Cost of Computerized Library Catalogs. PR-0300

OEC-1-7-071194-5117
Studies in Public Library Government, Organization and Support. PR-0310

OEC-1-7-071207-5063
The Image of the Public Library in the Mind of the Rural Citizen. PR-0320

OEC-1-7-071213-4557
The Acquisition of Knowledge in Relation to Information Storage, and Retrieval. PR-0330

OEC-1-7-071214-5116
Research and Development of On-The-Job Training Courses for Library Personnel. PR-0340

OEC-1-7-071217-5113
A Manual for the Conduct of Research in Librarianship. PR-0360

OEC-1-7-071220-5115
Library Materials in Service to the Adult New Reader. PR-0370

OEC-1-7-071228-5133
An Analysis of Certain Professional Library Occupations in Relation to Formal Educational Objectives. PR-0380

OEC-1-7-078045-3545
A Study of the Computer Arrangeability of Complex Terms Occurring in a Major Tool Used in Subject Analysis. PR-0400

OEC-2-7-010105-1523
Support of Studies for the National Advisory Commission on Libraries. PR-0140

OEC-3-7070050-3131
Teaching Library Use to Undergraduate--Comparison of Computer-Based Instruction and the Conventional Lecture. PR-0050

OEC-3-9-180268-0047(095)
Overview of the Library Fellowship Program. PR-0780

OEC-5-9-230179-0044
The Development of a School Board Policy Classification System and School Board Policy Information Clearinghouse. PR-0730

OEC-5-9-320560-0043
The Development and Testing of Materials for Computer-Assisted Instruction in the Education of Reference Librarians. PR-0620

OEC-6-10-200
Characteristics of Professional Personnel in College and University Libraries. PR-0010

OEC-9-8-00292-0107
A Study of the Cost of Maintaining and Updating Library Card Catalogs. PR-0470

OEC-9-9-140161-0028
ERIC On-Line Retrieval System. PR-0720

OEG-X-71-0049(057)
An Operations Research Study of the Pacific Northwest Bibliographic Center. PR-1090

OEG-0-70-1933
A Systems Analysis of Southwestern Spanish-Speaking Users and Non-Users of Library and Information Services Developing Criteria to Design an Optimal Library Model Concept. PR-0990

OEG-0-70-4039(725)
Commissioned Papers Project. PR-1080

OEG-0-70-5236
Measurement of Effectiveness of Public Library Service. PR-0980

OEG-0-71-1048(290)
Project TREND. PR-1160

OEG-0-71-3890
Identification and Coordination of African-American Materials in Six States. PR-1130

OEG-0-71-4361
Technological Applications Project. PR-1140

OEG-0-71-4564
Identification of Informational Needs of the American Indian Community That Can Be Met by Library Services. PR-1100

OEG-0-71-4665
National Survey of Library Services to the Aging. PR-1120

OEG-0-71-4666
An Evaluation of the Impact, Costs and Benefits of the Albuquerque Model Cities Library Materials and Cultural Centers. PR-1150

OEG-0-72-0773
A Community Cultural Arts Center Merging Public and School Library Services in Olney, Texas: A Research and Demonstration Project. PR-1240

OEG-0-72-1431
The Planning, Development, and Demonstration of a Delivery System of Library and Learning Services in a Ten-County Rural Area of Oklahoma. PR-1290

OEG-0-72-1432
Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina. PR-1300

OEG-0-72-1477
Planning Peoject for Community Learning Center. PR-1260

OEG-0-72-1625
Development and Demonstration of a Computer-Assisted Citizen Information Resource System to Enable Urban Residents to Make Maximum Use of Available Public Services. PR-1250

OEG-0-72-1656
An Investigation of Library Services for the Elderly, Institutionalized, Mentally Ill to Arrive at an Optimum Program through the Establishment of a Library for 1,000 Residents with No Present Service. PR-1230

OEG-0-72-1671
A Demonstration Pilot Program of Comprehensive Library Services for the Aged in Selected Communities in Kentucky. PR-1220

OEG-0-72-2523
The Interrelating of Library and Basic Education Services for Disadvantaged Adults: A Demonstration of Four Alternative Working Models. PR-1310

OEG-0-72-2531
Survey of Library and Information Problems of Prison Populations. PR-1330

OEG-0-72-4604
The Right to Read for Adults: An Investigation of the Library's Role in a Cooperative Venture with the Model Neighborhood Program - Rochester, New York. PR-1350

OEG-0-72-4688
Knowledge/Information Needs of the Disadvantaged. PR-1280

OEG-0-72-4712
Minority Program Development for Libraries and Learning Resources. PR-1360

OEG-0-72-4738
Proposed Model for Combined and Integrated Resources for Community Learning Experiment. PR-1270

OEG-0-72-5168
A Proposal to Research and Design Criteria for the Implementation and Establishment of a Neighborhood Information Center in Five Public Libraries in Five Cities: Atlanta, Cleveland, Detroit, Houston, Queensborough. PR-1340

OEG-0-72-5193
Nontraditional Study - The Public Library Approach. PR-1370

OEG-0-72-5405
Center for the Study of Information and Education. PR-1380

OEG-0-73-0457(506)
Cooperative Venture between the Ohio College Library Center and the Cooperative College Library for on-Line Technical Processing. PR-1400

OEG-0-73-0843
Proposal for the Establishment of a Neighborhood Library Center in the Pilsen Community of Chicago. PR-1390

OEG-0-73-5151
North American Library Education Directory and Statistics 1971-1973. PR-1410

OEG-0-73-5160
Research Reports - Ethnic Groups for Handbook on the Adult New Reader and His Readings. PR-1420

OEG-0-74-0536
Study for Design of an Optimum System for Mail Order Book Delivery System in the State of Washington. PR-1430

OEG-0-74-0537
Inter-Agency Cooperation. PR-1450

OEG-0-74-0538
Factors Affecting the Adaptation of Academic and Other Libraries to On-Line Networks. PR-1440

OEG-0-74-0539
A Collaborative Approach to Independent Study for Adults in Vermont: Public Libraries on the Adult Education Team. PR-1460

OEG-0-74-7301
Early Childhood Creative Library. PR-1560

OEG-0-74-7302
Library Administration Simulation Project. PR-1550

OEG-0-74-7303
Increasing Library Use and Resources within an Educational Consortium. PR-1500

OEG-0-74-7304
Library Development, Wind River Reservation. PR-1570

OEG-0-74-7305
Training of Library Personnel in Remote Areas. (The ACCESS Videotape Project.) PR-1540

OEG-0-74-7306
The Blue Collar Adult's Information Needs, Seeking Behavior and Use. PR-1510

OEG-0-74-7307
The Process of Answering Reference Questions. A Test of a Descriptive Model. PR-1490

OEG-0-74-7308
The Development of Strategies for Dealing with the Information Needs of Urban Residents. PR-1530

OEG-0-74-7309
Reinforcement of a Black Cultural Museum through the Development of Its Library Resources in the Field of Black Studies to Provide Education and Research Material with a Wide Application. PR-1480

OEG-0-74-7310
Performance Criteria for the Planning of Community Resource Centers: A Multi-Purpose Library Concept. PR-1520

OEG-0-74-7311
Improving the Speed and Comprehensiveness of Interlibrary Access to Periodical Literature. PR-1580

OEG-0-8-080020-3536
Library Education and High School Library Service. PR-0430

OEG-0-8-080077-4491(095)
Current Trends in Microform Use by Secondary Schools: Four Case Studies. PR-0440

OEG-0-8-080519-4594
Student Library Resource Requirements in Philadelphia: Phase I. PR-0520

OEG-0-8-080664-4400(095)
Development of a Computer-Based Laboratory Program for Library Science Students Using L.C./MARC Tapes. PR-0530

OEG-0-8-080731-4604(506)
Post-Master's Education for Middle- and Upper-Level Personnel in Library and Information Centers. PR-0540

OEG-0-8-080802-4687(095)
A Systems Analysis of Library and Information Science Statistical Data. PR-0560

OEG-0-9-310404-4438(095)
Development of a Machine Form Union Catalog for the New England Library Information Network (NELINET). PR-0800

OEG-0-9-310825-3716(095)
Microfilm Reader Experiments. PR-0640

OEG-0-9-570266-4195(095)
Construction of a Decision-Making Model for Library Network Implementation in Washington State PR-0770

OEG-1-7-070088-4283
Public Library Services and Their Use by Professional Staffs of Welfare Agencies. PR-0060

OEG-1-7-070910-3706(095)
Study of the Implications of Modern Technology in Small College Libraries. PR-0120

OEG-1-7-071079-4285(095)
Detroit Metropolitan Library Research and Demonstration Project. PR-0160

OEG-1-7-071083-5069
A Study of the Organization and Search of Bibliographic Holdings Records in On-Line Computer Systems: Phase I. PR-0170

OEG-1-7-071085-4206
An Information Processing Laboratory for Education and Research in Library Science. PR-0190

OEG-1-7-071089-4284
Development of the Principles of Cataloging; Phase I: Descriptive Cataloging. PR-0200

OEG-1-7-071129-5017
A Computer-Based System for Reserve Activities in a University Library. PR-0210

OEG-1-7-071140-4427
Study of User Requirements in Identifying Desired Works in a Large Library. PR-0230

OEG-1-7-071145-4428
Bibliographic Automation of Large Library Operations Using a Time-Sharing System (Project BALLOTS). PR-0240

OEG-1-7-071159-4425
An Information Storage and Retrieval System for Biological and Geological Data. PR-0250

OEG-1-7-071171-4469
New Bases for Library and Information Services in Metropolitan Areas. PR-0270

OEG-1-7-071180-4351
Development of the Concept of an Experimenting and Extended College Library. PR-0290

OEG-1-7-071215-5078
The Effect of a Librarian-Centered Reading Guidance Program on the Reading Skills and Habits of Elementary School Pupils. PR-0350

OEG-1-7-071268-5079
Library Automation: A Critical Review. PR-0390

OEG-1-7-078373-4500
An Investigation of Personality Characteristics among Library Science Students at One Midwestern University. PR-0410

OEG-1-7-078381-4544
The Development and Pilot Operation of a System to Reclassify Older Books under the Library of Congress Classification System for a Public Library Currently Employing the Dewey Decimal Classification. PR-0420

OEG-1-9-090046-0111(095)
A Program for the Cooperative Acquisition and Use of Library Materials of Seven New England Liberal Arts Colleges (CONVAL) Based on an Analysis of Their Collections. PR-0650

OEG-2-70002(509)
Inter-Indexer Consistency in Perception of Subject Concepts in Contrast to Inter-Indexer Consistency in Choice of Terminology with Which to Describe the Subject Concepts. PR-0920

OEG-2-9-400094-1055
Statistical Sampling of Book Readership at a College Library. PR-0660

OEG-2-9-400100-1026(095)
Personnel for Research Libraries--Qualifications, Responsibilities, and Use. PR-0710

OEG-2-9-480116-1061(095)
Faculty Use of University Library Reference Facilities for Citation and Data Information. PR-0670

OEG-3-70-0021(506)
Preparation of Detailed Specifications for a National System for the Preservation of Library Materials. PR-1010

OEG-3-7-070014-1630
The Effect of Arrangement on the Use of Library Catalogs--An Experimental Study of a Divided and a Dictionary Catalog. PR-0030

OEG-3-7-070016-1604
Library Statistics of Colleges and Universities, 1965-66; Institutional Data. PR-0040

OEG-3-9-090026-0031(095)
Preparation and Dissemination of a Bibliography on Information Science and Technology. PR-0680

OEG-3-9-180239-0045
Experiment in Fast Dissemination of Research in Selected Fields in Linguistics. PR-0740

OEG-4-70-0030(506)
An Investigation of More Effective Means of Organization and Utilization of the Nashville Union Catalog. PR-0930

OEG-4-9-190746-0014(095)
Study of State Library Legislation. PR-0630

OEG-5-9-235123-0019
The Amenability of a Cataloging Process to Simulation by Automatic Techniques. PR-0460

OEG-5-9-455079-0018
Optimum Speed of Library Access as Related to Optimum Size of Library Collections. PR-0450

OEG-5-9-455162-0020(095)
A Systems Approach to the Individualization of Library Science Instruction. PR-0600

OEG-5-9-598017-0051
North American Library and Information Science Education Directory and Statistics, 1969-71. PR-0820

OEG-7-8-000070-0026(010)
Feasibility Study for Incorporating a Year Abroad in the Library Science Curriculum. PR-0070

OEG-7-9-530076-0136(095)
An Analysis of Individual School Selection and Use of System Approved Lists. PR-0690

OEG-8-9-150022-2022(095)
Design and Testing of a Computerized Method of Handling Library Periodicals. PR-0700

OEG-9-70-0021(095)
Study and Development of Automated Instructional Materials Handling Program. PR-0890

OEG-9-8-080329-0089(095)
Impact Study of the Annual Review of Information Sciences and Technology. PR-0490

OEG-9-9-140256-0039(095)
A Study of the Needs for Research in Library and Information Science Education. PR-0750

APPENDIX A: FUNDING RECORD
(BY FISCAL YEAR)

FISCAL YEAR	APPROPRIATION	OBLIGATION
FY/67	$ 3,550,000	$ 3,381,052
FY/68	$ 3,550,000	$ 2,020,942
FY/69	$ 3,000,000	$ 2,986,264
FY/70	$ 2,171,000	$ 2,160,622
FY/71	$ 2,171,000	$ 2,170,274
FY/72	$ 2,750,000	$ 2,748,953
FY/73	$ 1,785,000	$ 1,784,741
FY/74	$ 1,425,000	$ 1,418,433
FY/75	$ 1,000,000	$ 998,338
	$ 21,402,000	$ 19,670,619

APPENDIX B: PERFORMING ORGANIZATION TYPES (BY FISCAL YEAR)

PERFORMING ORGANIZATION TYPE	FY67	FY68	FY69	FY70	FY71	FY72	FY73	FY74	FY75	FY76	FY77	TOTAL
A. Universities and Colleges	28	11	21	12	5	13	15	8	8	—	—	121
B. Non-Profit Organizations	9	6	9	11	4	6	5	8	8	—	—	66
C. For-Profit Organizations	2	3	6	5	0	1	0	0	0	—	—	17
D. Public Libraries	2	0	0	0	1	3	5	3	1	—	—	15
E. Government Agencies	1	0	1	2	2	3	0	0	0	—	—	9
F. Local School Districts	0	2	1	2	3	2	2	1	0	—	—	13
G. State and Local Governments	0	0	1	0	1	3	1	0	2	—	—	8
TOTAL	42	22	39	32	16	31	28	20	19	—	—	249

NOTES: (1) Organizations made up of universities/colleges have been classed as "non-profit."
(2) State libraries have been classed as "state/local governments."
(3) Organizations made up of several state or local governments have been classed as "state/local governments."

APPENDIX C: SUBJECT CATEGORIES (BY FISCAL YEAR)

SUBJECT CATEGORY	FUNDING ACTIONS DURING EACH FISCAL YEAR											
	FY67	FY68	FY69	FY70	FY71	FY72	FY73	FY74	FY75	FY76	FY77	TOTAL
I. Education and Training	10	3	6	2	1	2	3	6	9	—	—	42
II. Functional Development: Reader Services, Processing (including Acquisitions, Cataloging, Classification, etc.)	11	6	10	6	1	2	4	3	6	—	—	49
III. Institutional Cooperation to Serve Special Target Groups	0	0	0	1	3	11	7	7	2	—	—	31
IV. Planning and Development	9	4	8	9	6	13	10	4	1	—	—	64
V. Technology: ADP, Microfilm, Hardware, etc.	12	9	15	14	5	3	4	0	1	—	—	63
SUBTOTAL	42	22	39	32	16	31	28	20	19	—	—	249

APPENDIX D: OPERATING CENTERS AND SERVICES TO WHICH LRDP FUNDING HAS CONTRIBUTED

Some projects are oriented toward producing reports that incorporate their findings. These projects usually provide one or more citations in the project description section of this *Directory*. Other projects are oriented toward establishing an operating center or service, sometimes for only the duration of the project, but in some cases for a longer period. The purpose of this appendix is to call attention to some of the more significant operating centers or services to which LRDP funding has contributed. The organization of the list is alphabetic by the name of the operating center/service involved.

APPENDIX D: OPERATING CENTERS AND SERVICES TO WHICH LRDP FUNDING HAS CONTRIBUTED

OPERATING CENTER/SERVICE	INSTITUTION	PROJECT NUMBER	CATEGORY
Access Project (Videotapes)	Denver Univ., Colo. Graduate School of Librarianship	PR-1680	Education and Training
Action Library Demonstration Program	Philadelphia School District, Pa.	PR-0520	Planning and Development
Adaptation of Academic and Other Libraries to On-Line Networks	Indiana State Library, Indianapolis	PR-1440	Technology
Automated Instructional Materials Handling System (AIMS)	Department of Housing and Urban Development, Washington, D.C.	PR-0870	Technology
Bibliographic Automation of Large Library Operations Using a Time-Sharing System (Project BALLOTS)	Stanford Univ., Calif. Libraries	PR-0240	Technology
Black Cultural Museum	Miriam B. Wilson Foundation, Sullivan's Island, S.C.	PR-1480	Functional Development
Center for the Study of Information and Education	Syracuse Univ., N.Y., School of Education	PR-1380	Planning and Development
CLEP Preparatory Program	Immaculate Heart Coll., Los Angeles, Calif.	PR-1610	Functional Development
Community Cultural Arts Center	North Texas State Univ., Denton	PR-1240	Planning and Development
Comprehensive Library Services for the Aged in Kentucky	Institute of Lifetime Learning, Washington, D.C.	PR-1220	Institutional Cooperation
Computer-Based Interlibrary Loan Communication System	Ohio Coll. Library Center, Columbus	PR-1700	Technology
Cooperative College Library Center – Cooperative Venture with OCLC	Cooperative Coll. Library Center, Inc., Atlanta, Ga.	PR-1400	Technology
Coordination of Library and Basic Education Services for Disadvantaged Adults – Continuing Demonstration in Appalachia	Morehead State Univ., Ky. Appalachian Adult Education Center	PR-1310	Institutional Cooperation

APPENDIX D: (CONTINUED)

OPERATING CENTER/SERVICE	INSTITUTION	PROJECT NUMBER	CATEGORY
Detroit Metropolitan Library R&D Project	Wayne State Univ., Detroit, Mich.	PR-0160	Planning and Development
Early Childhood Creative Library	Yadkin Valley Economic Development District, Inc., Walnut Cove, N.C.	PR-1560	Education and Training
Educational Policies Service (Within National School Boards Assoc.)	National School Boards Association, Washington, D.C.	PR-0730	Functional Development
Educational Resources Selection Centers	National Book Committee, Inc. New York, N.Y.	PR-0510	Planning and Development
ERIC Clearinghouse for Library and Information Science	Minnesota Univ., Minneapolis	PR-0100	Functional Development
ERIC On-Line Retrieval System	Lockheed Aircraft Corp., Palo Alto, Calif.	PR-0720	Technology
Experimenting and Extended College Library	Hampshire Coll., Amherst, Mass.	PR-0290	Planning and Development
Indian Library Services Technical Assistance Center (ILSTAC)	National Indian Educational Association, Minneapolis, Minn.	PR-1590	Institutional Cooperation
Indian Library – Wind River Reservation	National Indian Educational Association, Minneapolis, Minn.	PR-1570	Institutional Cooperation
Information and Referral Manual Project (IRMA)	Administration and Management Research Association of New York City, N.Y.	PR-1250	Planning and Development
Information Processing Laboratory for Education and Research in Library Science	California Univ., Berkeley. Inst. of Library Research	PR-0190	Technology
Information Referral Service for Maryland's Eastern Shore	Maryland State Dept. of Education, Baltimore. Div. of Library Development and Services	PR-1670	Functional Development
Integrating Adult Basic Education and Public Library Services in Demonstration Centers	Morehead State Univ., Ky. Appalachian Adult Education Center	PR-1310	Institutional Cooperation

APPENDIX D: (CONTINUED)

OPERATING CENTER/SERVICE	INSTITUTION	PROJECT NUMBER	CATEGORY
Interlibrary Access to Periodical Literature	Associated Colleges of the Midwest, Chicago, Ill.	PR-1580	Institutional Cooperation
Learner's Advisory Service	College Entrance Examination Board, New York, N.Y.	PR-1370	Education and Training
Library Demonstration Project (American Indian)	New Mexico Univ., Albuquerque. Coll. of Education	PR-1690	Institutional Cooperation
Library Education Experimental Project (LEEP)	Syracuse Univ., N.Y.	PR-0530	Technology
Library School Education Program Without Walls	University of Southern California, Los Angeles	PR-1600	Education and Training
Library Services for the Elderly, Institutionalized, and Mentally Ill	Rhode Island Dept. of State Library Services, Providence	PR-1230	Institutional Cooperation
Mail Order Book Delivery Service	Washington State Library, Olympia	PR-1430	Functional Development
Multicounty Chickasaw Library System (Oklahoma)	East Central State Coll., Ada, Okla.	PR-1290	Institutional Cooperation
Nashville Union Catalog	George Peabody Coll. for Teachers, Nashville, Tenn.	PR-0930	Functional Development
Neighborhood Information Centers	Cleveland Public Library, Ohio	PR-1340	Planning and Development
Neighborhood Library Center, Pilsen Community, Chicago (El Centro De La Causa)	Chicago Public Library, Ill.	PR-1390	Institutional Cooperation
NELINET Machine Form Union Catalog	New England Board of Higher Education, Wellesley, Mass.	PR-0800	Technology
Ohio College Library Center (OCLC)	Ohio Coll. Library Center, Columbus	PR-0900	Technology
Parent Education Program (PEP) – Project TREND	Akron Public Schools, Ohio	PR-1160	Education and Training

APPENDIX D: (CONTINUED)

OPERATING CENTER/SERVICE	INSTITUTION	PROJECT NUMBER	CATEGORY
Public Library Extension in Appalachian North Carolina	Appalachian State Univ., Boone, N.C.	PR-1300	Institutional Cooperation
Reserves Processing System	Columbia Univ., New York, N.Y.	PR-0210	Technology
Retrospective Conversion Pilot Project (LC/RECON)	Library of Congress, Washington, D.C. Information Systems Office	PR-0970	Technology
Right to Read for Adults – Cooperative Venture With Model Neighborhood Program	Monroe County Library System, Rochester, N.Y.	PR-1350	Institutional Cooperation
Satellite Technology Demonstration	Federation of Rocky Mountain States, Inc., Denver, Colo.	PR-1210	Planning and Development
Seattle Community Learning Center	Washington State Library, Olympia	PR-1260	Planning and Development
Worcester Consortium for Higher Education – Increasing Library Use and Resources	Worcester Consortium for Higher Education, Inc., Mass.	PR-1500	Education and Training