

ABSTRACTS

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Electronic Publishing and Its Implications for Libraries. By Donald W. King. 1979. 19p. ED 196 435. MF—$0.83; PC—$1.82.

This paper discusses the future effects of information technology on libraries and library services, emphasizing the roles of online retrieval systems and electronic processes involving published literature. The following aspects are examined: line charges and terminal costs, a comprehensive electronic journal system, interlibrary loans, electronic publishing via text editing systems, economic constraints, and technological constraints. The focus throughout is on scientific and technical information. Eleven references are cited.


Recommendations and special concerns related to the development of a library skills program for international students at the University of Toledo Libraries are discussed in this feasibility study. The paper is organized into four main parts: (1) a description of the study framework (methodology, assumptions, purpose of study, and definition of a library user education program); (2) a summary discussion of the aspects to be considered in the development of a user education program; (3) insights on international students’ backgrounds, in general and at the University of Toledo; and (4) a description of the suggested user education program based on the factors analyzed in the preceding sections. An annotated list of references used is appended.


This report (1) describes the development of libraries in China; (2) examines Chinese library documentation, and scholarly publications from a historical perspective; and (3) outlines the present state of the art as reflected by the situation before and after the Cultural Revolution. The history of public libraries, university and school libraries, research libraries, trade union libraries, factory libraries, military libraries, information agencies, and a national library association is outlined. The influence of Chinese characters on present-day scientific and technical information is explored, as are Chinese classification schemes and the Chinese library tradition. Discussions of the growth of education, the importance of radio and television, and the training of librarians are also included, followed by a brief bibliometric study of how Chinese scientists utilize their information sources. Most of the forty-eight sources listed in the bibliography are either in English or a Scandinavian language.


This report describing the current and future use of online automation technology in Connecticut libraries provides recommendations designed to assist Connecticut libraries in making more effective use of current systems, in selecting the most appropriate new systems, and by providing a basis for effective statewide planning that will take advantage of current and future automation technology. The report is presented in four major parts: (1) the introduction and executive summary, containing an overview, a description of the report audience, and priorities for readers; (2) current systems and the need for a statewide database describing the existing automation environment and defining the key component for future automation activities; (3) current plans and future systems, describing the current commercial and not-for-profit automated services and planned extensions to these services; and (4) 1980-1985: a five-year plan, defining the specific actions, projects, committees, task teams, etc., required to carry out report recommendations.

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This discussion of the use of citation frequency data in judging a cluster or an entire collection of journals in academic libraries discusses the rationale for this methodology and illustrates its application by examining citation counts in ISI's Journal Citation Reports (JCR) for periodicals in the area of communication research. The comparative merits of citation data and use/demand data are discussed, and it is concluded that citation frequency data are of more potential value to smaller academic libraries in evaluating their entire collection, and to larger libraries in evaluating sectors of journals and in storage decisions. Footnotes, three tables of data, and a list of twenty-five references are attached.


This paper explores the background and structure of library personnel systems and the characteristics of library personnel resources, including librarians' rights and status as concerns of library personnel management; the credentials of academic librarians; library job design and recruitment; the training of academic librarians; motivational incentives; supervision; resources for librarians; and personnel performance. A bibliography lists twenty-five sources.

The Shelving Unit: Practice and Administration in the Academic Library. By Holbrook W. Yorke. 1979. 17p. ED 197 747. MF—$0.83; PC—$1.82.

This report examines the various functions and operations of the shelving unit in the academic library, including staff organization, personnel selection, staff supervision, staff morale, staff training, administrative tools, and equipment utilized. The practical experiences of the shelving unit of the M. D. Anderson Library of the University of Houston are used to illustrate various points made in the text. Nine references are listed.


A comparison of the statistical data presented for 1979–80 and the data for the seventy-five libraries that were members in 1969–70 reveals a 91 percent increase in expenditures for library materials over the decade, while the gross number of volumes added yearly decreased by 22.5 percent. Library staff size has risen slightly over the decade, while salaries have more than doubled. The median number of volumes has increased by 44 percent since 1969–70, and microform units increased by 216 percent. Operations expenses have more than doubled over the past ten years. These and other conclusions are supported by seven chapters of tabular data and include the ARL statistics questionnaire, footnotes to the statistics, and a listing of ARL statistical compilations.


Approximately 50 percent of the four-page questionnaires sent to a sample of 330 women librarians with doctorates were returned with usable responses for this 1977 survey requesting factual information on their education, experience, present position and salary, professional contributions,
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and personal characteristics. These women also responded to ten open-ended questions designed to elicit their opinions relating to: (1) choice of career, (2) opportunities for advancement to positions of leadership, (3) evidence of discrimination, and (4) guidance for women leaders in the future. Hard work, the proper educational credentials, mobility, assertiveness, and management skills were factors deemed essential for leadership roles in the decades ahead.

**Guidelines for the National Bibliographic Agency and the National Bibliography.**

Developed to assist individual countries in establishing a national bibliography and to further universal bibliographic control, these guidelines provide practical guidance on the national bibliography and the administrative machinery to accomplish these tasks. Appendixes include examples of administrative materials, recommendations of the International Congress on National Bibliographies, the international framework of the National Bibliographic Agency, and a list of acronyms and abbreviations.


This report describes a survey conducted in 1979 to determine user response to SCORPIO, part of the Library of Congress Information System (LOCIS) consisting of online catalogs that are used directly by the public and are integrated with regular reference services. A questionnaire distributed to 123 users of this system asked about types of users, frequency of use, waiting time, instructional methods, information desired, access points used, and the computer versus the card catalog. The results showed an overall positive reaction to the system. Only 6 percent of the users felt it was hard to learn, although 85 percent wanted more training and documentation. Most users learned from librarians or printed flip charts: for future improvements, online or computer-assisted instruction was preferred over audiovisual or group instruction. Three-quarters of all users performed subject searches, a finding that contrasts with other catalog use studies. A list of nine references and a copy of the questionnaire including the raw data are provided.


This directory contains information about current applications and proposed uses of computer systems in Florida's libraries for the purposes of (1) providing the base for a communication network among librarians now using computers and those who are interested in using them; (2) identifying information sources for librarians who are considering the use of computers; (3) suggesting possible applications of computers to library functions; and (4) computers for those persons responsible for pre-service and in-service education of librarians. Tables display the number of libraries of various kinds that are applying or planning to apply computer technology to major functions; that are using or planning computer applications developed in-house; and that are using externally developed systems. The directory lists the address and telephone numbers for the providers of those systems. Descriptions of computer applications and the names of contact persons are given for individual institutions in four sections focusing on academic libraries, public libraries, school media centers, and special libraries.

**Second Annual Progress Report on the Course-Related Library Instruction Program, September 1, 1979 through August 31, 1980.** Dept. of Library Science, Ball State University, Muncie, Indiana. 1980. 31p. ED 198 828. MF—$0.83; PC—$3.32.

This report describes Ball State University's course-integrated library instruction program for the multisection English 104, Composition 2 course, which is intended to provide instruction in fundamental library use skills to the majority of the university's undergraduate students and to create a base of library use knowledge that can be expanded by a proposed second level of more specialized instruction within selected courses offered by several academic departments. Program activities for 1979-1980, the role of Ball State's General Instruction Service, and the evaluation of library instruction are detailed. Projected activities for 1980-81 are summarized. Appendixes provide course statistics, copies of student and faculty course evaluation questionnaires, and evaluation statistics.

**Directory of Library Instruction Programs in New Jersey.** Comp. by Lynn F. Miller and Vivian Wood. 1979. 18p. ED 198 832. MF—$0.83; PC—not available.

This directory of academic, public, and special libraries offering library instruction programs provides the address, name, and phone number of a...
contact person and a brief description of the program. The annotated bibliography includes thirty-nine recent articles on library instruction divided into these categories: general, guides and signage, audiovisual instruction, elementary and high school libraries, college and university libraries, and special libraries. Information on the use of the Clearinghouse for Library User Education/New Jersey (CLUE/NJ) depository and collection of library and instructional materials is included.

The Implementation of Data Base Searching at Three Campuses of the State University of New York. Ed. by David Y. Allen. 1980. 29p. ED 198 834. MF—$0.83; PC—$3.32.

These three essays describe the practical and administrative aspects of the implementation of computerized database searching at the Albany, Buffalo, and Stony Brook SUNY campuses. Originally prepared as papers for a conference of SUNY librarians, each essay focuses on one campus to address such questions as the number of patrons who use the service; the proportion of faculty, graduate students, undergraduates, and off-campus users who make up the user group; which databases are most heavily used; how the searching is financed; whether patrons are screened in advance; and, if so, by whom; whether patrons are present at the search; whether online databases are used for answering quick reference questions as well as for extended literature searches; and the training and deployment of searchers. Responses to these questions indicate that there is a considerable diversity in practice in the way database searching is carried out on the three campuses, and some of the reasons for this diversity are indicated in the introduction, as well as some underlying problems faced by all campuses in their efforts to provide online search services.

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