Information Resources on Education and Training for Online Searching.

ERIC Clearinghouse on Information Resources, Syracuse, N.Y.

National Inst. of Education (ED), Washington, DC.

Jun 84.

400-82-0001

3p.

ERIC Clearinghouse on Information Resources, 030 Huntington Hall, Syracuse University, Syracuse, NY 13210 (free).

Information Analyses - ERIC Information Analysis Products (071) -- Reference Materials - Bibliographies (131)

MF01/PC01 Plus Postage.

Annotated Bibliographies; *Information Retrieval; *Online Systems; Personnel Selection; *Search Strategies; *Training Methods

*End Users

Ten articles and reports published between 1977 and 1983 and cited in "Resources in Education" and "Current Index to Journals in Education" are listed in this annotated bibliography on education and training for online searching. Emphasis is on training the end-user and the bibliography includes a review of the research literature; a design study; a review of training efforts before 1980; a discussion of the problems of end-user searching; a description of how a group of engineering students were trained to perform interactive online searching on a small, specialized Scandinavian database; a discussion of staff selection and training for quality online searching; a description of a training program that stresses the teaching of systems rather than databases; a discussion of vehicles for education and training and tools and techniques for promotion; and a description of the use of libraries by ninth grade students trained in online searching and conventional modes of accessing literature. In addition to bibliographical information and the annotations, ERIC accession numbers are provided. (THC)
Citations in this bibliography were selected from the Educational Resources Information Center (ERIC) indexes Resources in Education (RIE) and Current Index to Journal in Education (CIJE).


Discusses issues regarding training for computer-based reference services, including who is to be trained, and who is responsible for programs. Available training materials, service suppliers, library schools, and extension training are also considered.

Eisenberg, Michael. The direct use of online bibliographic information systems by untrained end users: A review of research. Syracuse, NY: ERIC Clearinghouse on Information Resources, 1983. (Available from Information Resources Publications, 030 Huntington Hall, Syracuse University, Syracuse, NY 13210 as IR-64 for $3.00 plus $1.50 for postage and handling; ED 238 440)

In addition to the research review, which covers problems and solutions, areas covered are education of users, system modifications, and future directions. An extensive bibliography is included.


Traces the history of distribution form and access control for scientific and technical information; describes the findings of a Biosciences Information Service (BIOSIS) design study of end-user education and training programs in information resources; and presents a planning structure and scenarios for end-user education.


Examines the probability and input of an increase in end-user searching of online databases on librarians and library educators. The problems of end-user searching are discussed, new developments in online access are reviewed and recommendations for the education of the end-user are made. Includes 25 references.


Describes how a group of end users (engineering undergraduates) were trained to perform interactive online searching on BYGGDOK, a small, specialized Scandinavian database. Goals and objectives of the instruction, teaching methods, evaluation and comparison of searching between end users and intermediaries are noted. Ten references are provided.
Haines, Judith S. Experiences in training end-user searchers. *Online*, November 1982, 6(6), 14-23 (Available UMI: EJ 271 540)

Describes study of chemists in the Organic Research Lab at Eastman Kodak trained as end user searchers on the DIALOG system, primarily the "Chemical Abstracts" database training, level of use, online browsing, types of searches, satisfaction, costs and value of end-user searching are highlighted. Three references are provided.


Discusses the relationship between online searching and reference librarianship and the need to examine the educational theories of both. The need to discover success factors of online searchers and apply that knowledge to the selection and training of reference librarians is also explored.


The University of Pittsburgh developed software that stresses the teaching of systems rather than databases, and replicates the language, formats and search capabilities of the DIALOG, ORBIT, and BRS systems. A three day training session provides comprehensive background in these systems.

Williams, Martha E. Education and training for online use of data bases. *Journal of Library Automation*, December 1977, 10(4), 320-34.

Discusses vehicles for education and training, tools and techniques for promotion, and details the information requirements of the processors, service managers, searchers, and end users of online data bases.


Provides descriptions of use of libraries by ninth grade students trained in online searching and conventional modes of accessing literature. Information is included on student use of types of resources, libraries, online searching and student acceptance of direction from library media specialists.

Citations with ED accession numbers are documents from RIE, which can be read at an ERIC microfiche collection or ordered through EDRS, PO Box 190, Arlington, VA 22210, in microfiche and/or paper copy form. Citations with EJ accession numbers are journal articles from CIJE, which can be obtained from a library, borrowed through interlibrary loan, or ordered through UMI, 300 N. Zeeb Rd., Ann Arbor, MI 48106 ($12.00 per article).

June 1984