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Graduate School of

Library & Information Science



1984-86 Catalog

University of Illinois at Urbana-Champaign

Graduate School of

Library & Information Science



1984-86 Catalog

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For additional information on the equal opportunity and affirmative action policies of the University, please contact for the Urbana-Champaign campus: Assistant Chancellor William A. Savage and Director of Affirmative Action, Swanlund Administration Building, 601 E. John St., Champaign, Illinois 61820 (217)333-0574

This edition of the Catalog of the Graduate School of Library and Information Science was edited by Jeanette M. Drone.

(Front Cover by Marc Anderson)

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All dates, courses, requirements, fees, and so forth, given in this catalog are subject to change without notice.

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Calendar

In addition to the following, graduate students should consult the Graduate College Calendar for applicable deadlines. Copies of the Graduate College Calendar are available in departmental offices and the Graduate College Office, 107 Coble Hall.

Summer Session 1984

Registration June 7, Thurs.—June 8, Fri.
Instruction begins June 11, Mon.
Independence Day (all-campus holiday) July 4, Wed.
Reading Day Aug. 2, Thurs.

Fall Semester 1984

Registration Aug., Mon.—Aug. 21, Tues.
Instruction begins Aug. 23, Thurs.
Labor Day (all-campus holiday) Sept. 3, Mon.
Thanksgiving vacation Nov. 22, Thurs.—Nov. 25, Sun.
Instruction ends Dec. 7, Fri.
Reading Day Dec. 8, Sat.
Examinations Dec. 10, Mon—Dec. 15, Sat.

Spring Semester 1985

Registration Jan. 14, Mon.—Jan. 15, Tues.
Instruction begins Jan. 17, Thurs.
Spring vacation March 30, Sat.—Apr. 7, Sun.
Instruction ends May 8, Wed.
Reading Day May 9, Thurs.
Examinations May 10, Fri.—May 17, Fri.
Commencement May 19, Sun.

Summer Session 1985

Registration June 6, Thurs.—June 7, Fri.
Instruction begins June 10, Mon.
Independence Day (all-campus holiday) July 4, Thurs.
Instruction ends July 31, Wed.
Reading Day Aug. 1, Thurs.
Examinations Aug. 2, Fri.—Aug. 3, Sat.

Fall Semester 1985

Registration Aug. 26, Mon.—Aug. 27, Tues.
Instruction begins Aug. 29, Thurs.
Labor Day (all-campus holiday) Sept. 2, Mon.
Thanksgiving vacation Nov. 27, Wed.—Dec. 1, Sun.
Instruction ends Dec. 13, Fri.
Reading Day Dec. 14, Sat.
Examinations Dec. 16, Mon.—Dec. 21, Sat.

Spring Semester 1986

Registration Jan. 20, Mon.—Jan. 21, Tues.
Instruction begins Jan. 23, Thurs.
Spring vacation March 22, Sat.—March 30, Sun.
Instruction ends May 14, Wed.
Reading Day May 15, Thurs.
Examinations May 16, Fri.—May 23, Fri.
Commencement May 25, Sun.

Summer Session 1986

Registration June 12, Thurs.—June 13, Fri.
Instruction begins June 16, Mon.
Independence Day (all-campus holiday) July 4, Fri.
Instruction ends Aug. 6, Wed.
Reading Day Aug. 7, Thurs.
Examinations Aug. 8, Fri.—Aug. 9, Sat.

The University of Illinois at Urbana-Champaign

Founded in 1867 under the Land Grant Colleges Act, the University of Illinois has a history of more than 100 years as a state-supported land-grant institution with a threefold mission of teaching, research, and public service. Originally named the Illinois Industrial College, the University opened March 2, 1868, with three faculty members and fifty students in one building near the present community of Urbana-Champaign.

Since then, the University of Illinois has become one of the nation's major universities and has two campuses—the original Urbana-Champaign Campus and the Chicago Campus, both offering baccalaureate, master's and doctoral programs.

Student Body

The educational community has approximately 34,800 students (26,500 undergraduate, 7,300 graduate, and 1,000 professional students) and 11,000 faculty and staff members. The students come from every state in the union and many foreign countries, but generally 97 percent of the undergraduates are Illinois residents. Minority students comprise about 7 percent of the total campus population.

Faculty

The majority of faculty at Urbana-Champaign hold the highest-level degree in their fields (i.e., Ph.D., M.D., D.V.M., J.D., or Ed.D. degree). Recently, 73 percent of the assistant professors, 75 percent of the associate professors, and 85 percent of the professors held the highest-level degrees in their fields. Scores of faculty members belong to the American Academy of Arts and Sciences, National Academy of Sciences, and National Academy of Engineering. Seven scientists received the National Medal of Science while on the University of Illinois Faculty. Professor Emeritus John Bardeen won the Nobel Prize in physics twice—the only person ever to do so.

Academic Calendar

The Urbana-Champaign campus operates on an academic calendar of two sixteen-week semesters and one eight-week summer session. A three- to four-week program of intensive instruction in certain courses is available during the Intersession, which is scheduled between the spring semester and eight-week summer session.

University Library

The University Library is the third largest among American university libraries. Its collections now exceed 6 million bound volumes and over 3 million other items including microtexts, manuscripts, music scores, sound recordings, maps and aerial photographs. The library complex includes the central library building, the undergraduate library building designed specifically for the study and research needs of undergraduate students and twenty departmental libraries located in other buildings across the campus.

Center for the Arts

The campus is a major center for the arts. The Krannert Center for the Performing Arts was designed by alumnus Max Abramovitz, architect of New York City's Lincoln Center for the Performing Arts. Among Illinois public museums, the Krannert Art Museum ranks second to the Art Institute of Chicago in terms of size, value of collections, and number of public service programs.

General Computing Facilities

The Computing Services Office (CSO) on the Urbana-Champaign campus provides support for all academic and research programs in which computers play a significant role. To meet this broad objective, CSO operates four general-purpose computers, a large CDC CYBER 175, a CYBER 174, and IBM 4341, and a VAX 11/780. These systems are interconnected and serve a network of RJE facilities, public terminal sites, and dial-up terminals. CSO operates sites around the campus as well as serving private facilities.

Professional Considerations

Since ancient times, libraries and librarians have had the major responsibility for the acquisition and maintenance of recorded knowledge. Today's libraries and information centers are more than warehouses. They are concerned with the collection, recording, preservation, organization, retrieval, dissemination, transfer, interpretation, and evaluation of knowledge, and the scope of these activities is continually expanding.

Knowledge, especially in the fields of science and technology, is accumulating rapidly. There is a constant increase in the publication of books and other printed matter, plus an accompanying expansion of all types of audio, visual, and electronic materials. Today's librarian/information specialist must be familiar with all forms of print, nonprint, and electronic media, and adept in the use of computers, automated techniques, and information networks.

The library and information science profession involves commitment to the service of people and to the enrichment of human life. The work is interesting, varied, and the daily impact of new conditions calls for alertness, adaptability, imagination, and ingenuity. For a career in library and information science, the student needs a well-balanced intellectual background. By its nature, the work is far-ranging and encyclopedic in subject coverage, even in highly specialized situations. A graduate degree in a field other than library and information science may be helpful or even a prerequisite for obtaining and maintaining employment in an academic or research library. Although the knowledge of one or more foreign languages is valuable, specific requirements vary with the type of work to be performed.

Opportunities

There are three main types of professional work for which library and information science students may prepare: (1) **Public Services:** Professionals work directly with patrons, with duties including reference work, literature searches, reader guidance/advisory service, and various activities associated with the circulation of materials to readers, (2) **Technical Services:** The main duties are selecting and acquiring materials, and then organizing, arranging, and indexing those materials for future use, (3) **Administration:** Professionals deal with finances, personnel administration, public relations, and planning/maintenance.

nance of physical facilities. Within these three general areas, professionals are also needed who have competencies in specific fields: by type of material (e.g., government publications, films) by age of patron (e.g., children, young adults), and by subject (e.g., art, medicine).

Librarians/information specialists are usually employed in one of four types of institutions: (1) Public Libraries, (2) Academic/Research Libraries, (3) School Libraries, or (4) Special Libraries/Technical Centers. During the past few years, however, an increasing number of professionals have found employment in a variety of nontraditional settings (e.g., publishing, abstracting and indexing, consulting, free lancing, etc.).

Recent employment prospects reflect several factors, including the number of graduating librarians/information scientists, changing social priorities, and the national economy. Graduates need to be flexible in first-job expectations and geographical preferences.

The Graduate School of Library and Information Science

In 1893, Katharine L. Sharp founded a department of library science at Armour Institute in Chicago. It was the first library school in the Midwest and the fourth in the United States. In 1897 Ms. Sharp moved the school to Urbana to the University of Illinois.

The Graduate School of Library and Information Science is a part of the Graduate College. The School's master's degree program is accredited by the American Library Association. As of December 1983, 6,192 degrees had been awarded by the Graduate School of Library and Information Science.

In keeping with the University's mission of instruction, research, and public service, the goals of the Graduate School of Library and Information Science are (1) to prepare librarians and information scientists for professional work, (2) to promote and conduct pure and applied research, and (3) to provide public service (e.g., continuing education, publication, and consulting).

Generally, the Graduate School of Library and Information Science has an enrollment of 140-185 students, including full and part-time students. During the Fall and Spring semesters there are approximately 130-140 master's students, 10-15 Certificate of Advanced Study students, and 20-30 doctoral students.

Facilities and Equipment

Graduate School of Library and Information Science

The Offices of the Graduate School of Library and Information Science are located on the fourth floor of David Kinley Hall (DKH). Classes are scheduled primarily in rooms 305 and 306 DKH.

University Library

The University Library's emphasis on library instruction and orientation, use of online data bases; and the development and implementation of automated circulation, cataloging, and acquisition systems provide excellent learning opportunities for students. (A general description of the University Library is on page 4)

Library and Information Science Library (Room 306, Library)

The Library and Information Science Library contains an extensive collection of periodicals, serials, and indexes related to all aspects of library and information science. The basic collection of 14,000 monographs and technical reports is supplemented by an additional 70,000 volumes of related materials in the main stacks of the general library. Also, the archives of the American Library Association are housed in the University Archives.

Library Research Center

The Library Research Center (Room 420 DKH) was established in 1961 through a grant from the Illinois State Library. Originally the Center was limited to applied research on public libraries, but as funding from other sources became available, its research activities have been broadened to include other types of libraries.

Publications Office

The Publications Office (Room 249 Armory) produces **Library Trends**, a quarterly journal, with each issue devoted to a specific topic in library and information science; **Occasional Papers**, a pamphlet series on subjects of professional interests; **Allerton Park Institute Series**, a publication of the papers presented at the annual institute; and **Data Processing Clinic Proceedings**, a compilation of the papers of the annual clinics, and a monographic series.

Learning Resources Laboratory

The Laboratory (Rooms 433-437 DKH) schedules the use of computer terminals, coordinates requests for audiovisual materials, and serves as the liaison unit between the Graduate School of Library and Information Science and related university services. The School's special equipment includes an OCLC terminal, a PLATO (computer-assisted instruction) terminal, and various equipment for data-base searching, instructional purposes, and administrative support. In addition, a variety of personal computers are available.

Placement Service

The staff of the Placement Service (Room 414 DKH) counsels students/alumni in preparing resumes and placement files and provides advice on job-searching techniques. An announcement of vacancies is published biweekly, and the Service seeks to help both employers and

students/alumni in matching persons to positions. However, the Placement Service cannot guarantee placement.

Features and Activities

Continuing Education

The Graduate School of Library and Information Science maintains, in conjunction with the Office of Continuing Education and Public Service, a program of continuing educational opportunities, including routinely scheduled short courses and extension classes. The Allerton Institute presents a variety of topics, e.g., collective bargaining, major classification schemes, etc. During the spring semester, the Data Processing Clinic focuses on various aspects of electronic data processing in libraries and information centers.

Committee on Institutional Cooperation

As a member of the Committee on Institutional Cooperation (CIC), the University of Illinois is involved in a wide range of programs with other members of the Big Ten Universities and the University of Chicago. The CIC Traveling Scholar Program enables doctoral candidates to study up to a year at CIC campuses other than those at which they are enrolled. Students should contact the Graduate College for complete information.

Post-Doctoral Program

The School accepts post-doctoral students who have funding, e.g., faculty members on sabbatical leave. Individuals who are interested in the program should contact the Dean of the Graduate School of Library and Information Science.

Professional-In-Residence Program

The Professional-In-Residence Program offers a unique continuing education opportunity to librarians and information scientists. A professional-in-residence is provided University Library loan and stack privileges, opportunities to audit classes and consult with faculty members, and limited typing, computer time, and study space. There are no tuition or financial charges for the program, although participants may be asked to present one or more class lectures and prepare a brief written report on their activities during their residency. Individuals who are interested in the program should contact the Dean of the Graduate School of Library and Information Science.

Organizations and Awards

STUDENT ORGANIZATIONS

American Library Association

The American Library Association (ALA), the oldest and largest library organization in the world, is concerned with the promotion and development of libraries and library and information services. The University of Illinois Student Chapter was founded in 1981. During the academic year, the Chapter presents a variety of programs and coordinates transportation and other arrangements for students attending ALA conferences.

American Society for Information Science

Members of the American Society for Information Sciences (ASIS) are concerned with information—its generation, collection, organization, interpretation, storage retrieval, dissemination, transformation, and use, with particular emphasis on the application of modern technologies. The University of Illinois Student Chapter was established in 1977, and each year the group schedules a variety of activities.

Special Libraries Association

The Special Libraries Association (SLA) is a professional organization of individuals employed in libraries and information centers serving industry, business, government, research and educational institutions, newspapers, and museums. The University of Illinois Student Chapter of SLA was established in 1971, and the group sponsors a variety of activities, including speakers and tours of special libraries

ALUMNI ORGANIZATIONS

Beta Phi Mu

Graduates who have maintained a 4.75 grade point average are eligible for membership in Beta Phi Mu, the international honorary fraternity in library science. The national Beta Phi Mu office sets a limit on the number of students who may be awarded membership. When the number of potential initiates exceeds this number, the library school faculty nominates those who will be invited to join the organization.

Library School Association

The University of Illinois Library School Association, founded in 1898 to advance the interests of the School and to promote communication among its alumni, became an affiliate of the University of Illinois Alumni association in 1982. An annual business meeting and reunion is

held each year at the annual American Library Association Conference. The Library School Association endowed the Katharine L. Sharp Fellowship and has been active in other fund raising projects.

Awards

The Graduate School of Library and Information Science honors students and others with a number of awards:

MASTER'S STUDENTS

Anne M. Boyd Award—established by the Alpha Chapter of Beta Phi Mu in honor of former faculty member Anne M. Boyd and given to the student who, in the judgment of the faculty, is the outstanding graduate of the year.

S.R. Sharpio Award—presented annually by S.R. Shapiro, New York book dealer, and Mrs. Shapiro in honor of Dean Emeritus Robert B. Downs, to the master's student who, in the opinion of the faculty, exhibits the greatest professional promise.

Francis B. Jenkins Award—awarded by vote of the faculty to the outstanding student in science librarianship, in honor of emerita faculty member Frances B. Jenkins.

Donald G. Wing Award—presented by Mr. and Mrs. S.R. Shapiro in honor of the famous American bibliographer to the master's student whose paper is judged by a faculty committee to be the best of the year on a bibliographic subject.

DOCTORAL STUDENTS

Berner-Nash Award—established in memory of William Berner and William Nash, both recipients of Ph.D. degrees in library science from the University of Illinois, and given annually to the doctoral graduate whose dissertation is judged by the Advanced Study Committee to be the most outstanding.

OTHER

Robert B. Downs Award—established in 1968 by the faculty of the Graduate School of Library and Information Science to honor Dean Robert B. Downs and his contributions to intellectual freedom at the time of his 25th anniversary as Director/Dean of the University of

Illinois Libraries and the School. The contribution for which the award is given shall be directly related to the furtherance of the cause of intellectual freedom as it affects human communications, particularly as it has an impact on libraries and information centers and the dissemination of ideas. This includes libraries of all kinds and the distribution systems on which they rely. Nominations are submitted to the Dean of the Graduate School of Library and Information Science, and the selection of a recipient is made at the first meeting of the faculty in the Fall term.

Financial Information

Fees and Expenses

Since tuition and fees are subject to change, it is difficult to provide exact figures. For current information on tuition, fees, exemptions, and refunds, write to the Office of Admissions and Records, 177 Administration Building, 506 S. Wright, Urbana, IL 61801.

To present a general idea of costs, the 1984 Spring semester tuition and fees schedule for a course load of 3 or more units is shown below:

TABLE 1. 1984 SPRING SEMESTER TUITION AND FEES

	<i>Illinois Resident</i>	<i>Nonresident</i>
Tuition	\$552	\$1656
Service fee	116	116
Health insurance	36	36
Health service	62	62
Total	\$766	\$1870

Residency Classification

Residency classification for admission and tuition assessment is determined by the University Fee Assessment Office on the basis of information determined by the admission application and other credentials. Additional information on residency is given in the brochure "Regulations Governing the Determination of Residency Status for Admission and Assessment of Student Tuition," which is available from the Office of Admissions and Records (address in preceding section).

Housing

A folder with information on University and privately owned housing is sent to each new graduate student with the "Notice of Admission." Requests for further information should be sent to the Housing Information Office, 110 Student Services Building, 610 E. John, Champaign, IL 61820.

Fellowships, Assistantships, and Other Financial Aid

Financial aid at the graduate level is awarded primarily on the basis of academic excellence and scholarly potential. Applicants are considered for financial aid only after they have been officially admitted to a Graduate School of Library and Information Science program. Applicants who need financial aid should complete Item 17 of the "Combined Application for Admission or Readmission to the Graduate College and Application for Graduate Appointment." No separate application is required. For maximum consideration for financial aid (particularly fellowships and tuition waivers), application materials should be complete and on file by February 15; however, applications continue to be accepted after that date.

While there are fewer sources of financial aid available for the summer term, students who enroll in summer classes may, in some instances, have an advantage in obtaining financial aid for the following academic year.

Fellowships and Tuition Waivers

—Full-time degree students in library and information science are eligible for fellowships (which generally include waivers of tuition and some fees), although post-master's students are frequently given preference. The following fellowships provide variable-sized stipends, plus exemption from tuition and most service fees:

Katharine L. Sharp Fellowship—Endowed in 1955 by the Library School Association as a memorial to Miss Sharp, founder of the Graduate School of Library and Information Science.

Lois Wells Irwin Fellowship—Endowed in 1955 as a memorial to Ms. Irwin, an active member of the Quincy (IL) Public Library Board of Directors for 32 years.

Eliza Luehm Latzer Fellowship—Endowed in 1965 by Ms. Latzer's daughter, Mrs. Albert F. Kaeser.

Josie B. Houchens Fellowship—Endowed in 1975 under provision of the will of Ms. Houchens, a long-term member of the University of Illinois Library faculty.

Helen T. and Mildred Stewart Fellowship—Established in 1977 under provision of the will of Ms. Helen T. Stewart, a long-term member of the University of Illinois faculty.

University Fellowship—The University Fellowship is funded through the Graduate College and includes a stipend and exemption from tuition and service fee.

Tuition and Fee Waivers—The Graduate School of Library and Information Science nominates a number of students for tuition and fee waivers. In certain cases, students who hold fellowships or grants from non-University sources are eligible to receive tuition and fee waivers.

Assistantships—The Graduate School of Library and Information Science awards several assistantships; students holding half-time assistantships receive a minimum of \$4,630 for nine months and \$1,029 for the summer session, and students with quarter-time assistantships receive a minimum of \$2,315 for nine months and \$515 for the summer session. These assistantships generally include waivers of tuition and most fees.

Library Assistantships—The University Library awards several assistantships to students in the Graduate School of Library and Information Science. The assistantships usually include an exemption from tuition and service fee. To apply, write to: University Library Personnel Office, 127 Library, University of Illinois at Urbana-Champaign, 1408 W. Gregory, Urbana, IL 61801.

Other Financial Aid

Veteran's benefits and various student loan funds are administered by the University. For information and application forms, write to: Student Financial Aid, 420 Student Services Building, 610 East John, Champaign, IL 61820.

Academic Programs

For general information about the University of Illinois graduate program, students should consult *A Handbook for Graduate Studies*, which is available from the Graduate School of Library and Information Science Office or the Graduate College, 107 Coble Hall. The *Handbook* is designed to explain the privileges and responsibilities of graduate students, to describe the services provided by the University, and to interpret regulations that apply to all graduate students. The *Handbook* supplements, and in some matters, supersedes the *Code on Campus Affairs and Regulations Applying to All Students*.

Master of Science

Goals and Objectives

The goal of the Master of Science degree program is to graduate beginning librarians and information scientists qualified to pursue successful careers of professional work in all types of libraries, information centers, and related settings. The objectives of the master's program are: (1) to equip students with theories and practices of library and information science through the study of social and historical foundations, the substantive knowledge (body of principles, information, and ideas) of the discipline, and the status and expectations of the profession; (2) to encourage commitment to high standards of practice, conduct, responsibility, and service; (3) to enable graduates to anticipate social and technological changes as they affect the profession and to help bring about and promote changes that advance the profession; and (4) to prepare and encourage graduates to evaluate continuously the effectiveness of services, to raise performance levels of these services, and to develop new services in relation to identified needs.

Application and Admission

An individual seeking admission to the Master of Science program should have a minimum grade-point average of 4.0 (on a 5.0 scale) for the last 60 semester hours from an accredited institution whose requirements for the bachelor's degree are substantially equivalent to those of the University of Illinois. (Exceptions are sometimes made in recognition of other outstanding qualification and demonstrated potential.)

Applicants are required to submit scores for the Graduate Record Examination (GRE) Aptitude Test, taken within the last five years. The

GRE requirement is waived for applicants who have an earned doctorate. (Individuals who believe they have a legitimate reason for not submitting GRE scores should present their requests in writing.)

Internal Applicants

In addition to the above requirements, international applicants whose native language is not English must pass the Test of English as a Foreign Language (TOEFL) with a score of 600 or above. The test can be administered in the student's home country, but should be arranged at least a year before the applicant expects to begin the program.

International students should also check the brochure, *Information for Prospective Students from Other Countries*, for additional requirements for admission to the Graduate College.

Residence, Load, and Time Limit

For the master's degree, a student must complete ten units of graduate study. These must include LIS 300 (Foundation of Library and Information Science, 1 unit), LIS 307 (Introduction to Services Relating to the Organization of Library Materials, 1/2 unit), and LIS 320 (Introduction to Information Sources and Services, 1/2 unit). LIS 300 is the prerequisite to most other courses and is offered only in the Summer and Fall terms. At least eight of the ten units must be taken in library and information science at the University of Illinois. (Note: This may include a maximum of five units of University of Illinois graduate-level extension courses in library and information science.)

The remaining two units may be earned in one of three ways:

1. Additional University of Illinois graduate-level courses in library and information science taken in residence (Maximum: 1 unit).
2. The transfer of graduate-level coursework in library and information science from a library school with an ALA-accredited master's program (Maximum: 1 unit).
3. Completion of graduate-level coursework in a field other than library and information science (a) at any campus of the University of Illinois, (b) as a University of Illinois extension course, or (c) from any accredited institution (Maximum: 1 unit).

A unit is equivalent to four semester hours, and the normal full-time course load is four units during the regular fall and spring semesters and two units during the eight-week summer session. A student with a normal full-time load can complete the ten graduate units in two semesters and one summer. All requirements for the master's degree must be completed within five years after admission to the program.

Term of Entry

Students entering the master's program generally begin in the Summer or Fall terms. Those who begin in the Summer usually enroll in the required courses (LIS 300, 307 and 320) and may have more flexibility in planning their subsequent programs of study.

Curriculum

Students, in consultation with faculty advisors, plan their programs of study to suit their individual needs. Since LIS 300, 307 and 320 are the only required courses, students have an opportunity to design courses of study to fulfill their individual interests and career goals. A few examples of specific areas of specialization are information science, automation, biomedical librarianship, music librarianship, and services to children and young adults.

Grades

Students are required by the Graduate College to maintain a minimum GPA of 3.75. The pass-fail option applies only to courses taken outside the library and information science curriculum and to courses taken as nondegree. Units taken under the pass-fail option are not computed in the grade-point average and may not be applied to a degree in library and information science.

Undergraduate Minor in Library and Information Science

Although the Graduate School of Library and Information Science awards no undergraduate degree, it does offer a series of courses for students at the undergraduate level. Some colleges and departments allow a full or split minor in library and information science, while others suggest that library and information science courses be taken as electives. Students considering this minor in library and information science should discuss the program with both the Graduate School of Library and Information Science Recruitment and Admissions Officer and their undergraduate major advisors. Students in the undergraduate minor program must be at the junior or senior level at the time they enroll in their first course. The coursework consists of LIS 300 (four semester hours) and other 300-level library and information science courses, for a total of twenty-one semester hours of credit. Usually undergraduates enroll in LIS 300 in the fall semester of their junior year and will have three semesters in which to complete the other courses. In

some cases, however, certain courses may be taken concurrently with LIS 300.

If an undergraduate student with a minor in library and information science from the University of Illinois enrolls in the School's master's program, ten graduate units must be completed, three of which may be taken in areas other than library and information science.

Dual Degrees

Occasionally, a student wishes to study for two degrees concurrently. While the School has no formal arrangements for concurrent programs, the serious student can work toward completion of more than one degree at a time. Applicants considering dual degrees should seek advice and counsel from appropriate persons in both programs. Generally, the Graduate College will grant no more than two advanced degrees to one individual. All requirements for each degree must be completed independently of other degrees. The length of time and the number of units required to earn each degree are not reduced. For example, a pair of one-year master's programs will require two years for completion by a full-time student; similarly, an eight-unit program and a ten-unit program will require completion of a total of eighteen units. The procedure, in broad outline, is as follows:

1. Gain admission to and begin studies in the first degree program.
2. Consult with appropriate persons in the second degree program and present credentials, references, and any other materials required.
3. After one or more terms of study in the first program, file a petition to the Graduate College requesting transfer to the second program.
4. Continue studies in both programs. By mutual agreement, studies may have begun informally in the second degree program before presenting the petition to the Graduate College.
5. As the needed units of credit for completion of each degree are earned, the degree can be awarded.

Successful pursuit of dual degrees in all cases requires continuing communication among the parties involved. The School is happy to work with students interested in pursuing dual degrees.

Duplicate Degrees

It is the policy of the Graduate College of the University of Illinois at Urbana-Champaign not to grant duplicate degrees. This applies not

only to degrees bearing the same title but also to degrees with different titles but which are actually the same degree. The critical element, “truly overlapping content” between the degree programs, refers to the totality of each degree program, not to the specific courses taken by a particular student.

Thus, an applicant who has a master’s in library science from a program which is not accredited by the American Library Association may not receive a second master’s in library and information science from the University of Illinois. Similarly, applicants who have completed such master’s programs as educational media, instructional technology, media technology, information studies, information management, and the like probably may not receive a master’s in library science and information science from the University of Illinois. Prospective applicants with these or similar degrees should inquire about their eligibility. If not eligible, they should consider the Certificate of Advanced Study as one possible alternative.

Certificate of Advanced Study

Goals and Objectives

The Certificate of Advanced Study (CAS) is a sixth-year degree program for librarians, information scientists, and others in information management and related fields, wishing to (1) refresh and update their skills, (2) gain greater specialization in their professional training, or (3) redirect their careers from one area to another

Application and Admission

An applicant to the CAS program must have completed a master’s degree in library or information science or a closely related field and have a minimum grade-point average of 4.0 (on a 5.0 scale). In addition, a minimum grade-point average of 4.0 is also required in the last sixty semester hours of the applicant’s undergraduate degree program.

It is recommended, but not required, that an applicant have at least two years of acceptable full-time professional work experience since receipt of the master’s degree.

International Applicants

In addition to the above requirements, international applicants whose native language is not English must pass the Test of English as a

Foreign Language (TOEFL) with a score of 600 or above. This test can be administered in the student's home country, but should be arranged at least a year before the applicant expects to begin the program. International students should also check the brochure, *Information for Prospective Students from Other Countries*, for additional requirements for admission to the Graduate College.

Curriculum

The Certificate of Advanced Study is a ten unit course of study (equivalent to 40 semester hours) and is structured to encourage each student to design a program that meets specific educational and career goals. A sequence of eight courses is developed by students and their advisors. Four of the courses may be taken outside the Graduate School of Library and Information Science. The final two units are the CAS project, a substantive investigation of a problem in librarianship or information science. The project may take a number of forms, for example, a paper, computer program, audiovisual program, etc.

A maximum of three units may be transferred, subject to review of the Advanced Studies Committee. Transferred units must be graduate-level courses in (1) library and information science earned at a school with an ALA-accredited master's degree program, or (2) a field other than library and information science completed at any campus of the University of Illinois or from any accredited institution.

A wide range of specializations is available according to individual need and intent. Examples of areas of concentration include, but are not limited to: Library and Information Center Administration, Audiovisual Services, Information Technology, and Information Management. An area of concentration might also be in specific library functions such as: Adult Services, Archival Management, Business Information, Children's Services, Government Information, Science Information, Technical Services.

Grades

The student must complete eight or more units of coursework with a 4.25 (A=5.0) grade-point average. The pass-fail option applies only to courses taken outside the library and information science curriculum. Units taken under the pass-fail option are not computed in the grade-point average and may not be applied to a degree in library and information science.

Doctor of Philosophy

Goals and Objectives

The Doctor of Philosophy (Ph.D.) program is research oriented and designed to prepare outstanding scholars in library and information science. This preparation is achieved by (1) advanced instruction beyond the master's degree to provide a general understanding of the whole field of librarianship and information science, (2) the acquisition of competence in one of the specialized aspects of the field, (3) instruction and practice in research methodologies, and (4) directed dissertation research, producing a significant contribution to knowledge.

Application and Admission

Applicants to the Doctor of Philosophy degree must fulfill the following requirements, although the Advanced Studies Committee has the authority to make exceptions to the stated requirements whenever admission seems justified:

1. A master's degree in library and information science or a closely related field.
2. A grade-point average of at least 4.0 (on a 5.0 scale) in the fifth-year library and information science coursework, plus a grade-point average of at least 4.0 in the last sixty semester hours of undergraduate coursework.
3. At least two years of acceptable full-time work experience since receipt of the master's degree in library and information science.
4. Satisfactory letters of reference from three people, including a work supervisor, attesting to the applicant's character, education, and potential for research and productive scholarship.
5. An interview with at least two members of the Advanced Studies Committee, preferably at the Urbana-Champaign campus.

An applicant should complete the application process at least an interview with at least two members of the Advanced Studies Committee, preferably at the Urbana-Champaign campus.

An applicant should complete the application process at least six months before the intended date of registration. In evaluating applicants, the Advanced Studies Committee makes every effort to assess the individuals on their probable degree of success in the program, rather than relying only on how well the applicants meet the formal requirements. The Committee attempts to select those individuals who seem eminently suited for the program in terms of education, professional accomplishment, and scholarly potential.

International Applicants

In addition to the requirements listed above, international applicants whose native language is not English must pass the Test of English as a Foreign Language (TOEFL) with a score of 600 or above. The test can be administered in the student's home country, but should be arranged at least a year before the applicant expects to begin the program.

International students should also check the brochure, *Information for Prospective Students from Other Countries*, for additional requirements for admission to the Graduate College.

Curriculum

The doctoral program consists of three stages (a total of twenty or more units): (1) generalization (nine units), (2) specialization (three or more units plus research tool competency), and (3) dissertation (eight or more units).

Generalization. The generalization stage is made up of a course in research methods (LIS 469), four seminars (LIS 471-474), and four research papers of publishable quality (LIS 475, Sections 1-4), which are prepared in conjunction with each of the four seminars. The seminars (LIS 471-474) focus on communications, bibliographic activities, social activities, and functional activities of libraries, and each concludes with a comprehensive examination which is given in lieu of a written preliminary examination. The four seminars should be completed within a twenty-four month period.

Specialization. The specialization stage enables the student to explore an area of specialization and to develop a dissertation proposal. At least three units must be taken in an area of specialization and may include regularly scheduled courses offered by the Graduate School of Library and Information Science, independent study with one or more faculty members, and/or courses taken outside the School. A student must also demonstrate competency in the tool(s) needed for dissertation research. These tools may include one or more of the following: (1) statistics, (2) computer programming, (3) foreign language, and (4) other appropriate specialized competencies (subject to the approval of the Advanced Studies Committee).

Grades. To be eligible for the Oral Preliminary Examination, a student must have a 4.5 overall grade-point average in the doctoral seminars (eight units) and a 4.0 grade-point average in all other doctoral course-work.

Oral Preliminary Examination. The Oral Preliminary Examination is given by a faculty committee, which has been selected by the student and his/her advisor, approved by the Dean of the School, and officially appointed by the Graduate College. The examination is usually taken in the semester after the coursework is completed, although it may be scheduled during an earlier or later semester. The examination includes (1) an examination of the dissertation proposal to determine the suitability of the topic, and (2) an evaluation of the student's competency in the appropriate research tool(s). A grade of S (Satisfactory) or U (Unsatisfactory) is determined unanimously by the examining committee.

Dissertation Research. The student's research is conducted under the direction of a dissertation advisor, with assistance and consultation from other members of the dissertation committee. When the dissertation research and report is completed, it is examined by the committee, based on the Graduate College guidelines. Upon approval of the research and report, the committee members and Dean of the School sign the dissertation, and it is forwarded to the Graduate College.



Courses

The courses offered by the Graduate School of Library and Information Science are described below. Graduate credit is measured in units (one unit is the equivalent of four semester hours) and undergraduate credit in semester hours.

For Advanced Undergraduates

300. Foundations of Library and Information Science. Examines the development of the library and information centers in relation to the society they serve, the library and information science profession, the operation and organization of libraries and information centers, building collections, and the administration of libraries and information centers; serves as an orientation to library and information science. Prerequisite: Consent of the School. 4 hours, or 1 unit.

301. Bibliography. Covers the bibliography, the practices of compiling lists, analytical bibliography, the design, production, and handling of books as physical objects; and historical bibliography, the history of books and other library materials, from the invention of printing to the present. 3 hours, or ½ or 1 unit. Prerequisite: LIS 300 or consent of instructor. Krummel.

303. Library Materials for Children. Selection and use of library materials for children in public libraries and elementary school media centers, according to their needs in their physical, mental, social, and emotional development; deals with the standard selection aids for all types of print and nonprint materials and develops the ability to select and describe children's materials according to their developmental uses. 3 hours, or ½ or 1 unit. Prerequisite: LIS 300, or consent of instructor. Students may not receive credit for both LIS 303 and Elementary Education 304. Richardson.

304. Library Materials for Young Adults. Evaluation, selection, and use of library materials for young adults in school and public libraries and community organizations, according to personal and curricular needs; studies selection sources for all formats of materials and explores techniques for utilization of materials. 3 hours, or ½ or 1 unit. Prerequisite: LIS 300, or consent of the instructor.

307. Introduction to Services Relating to Organization of Library Materials. Emphasizes the role of library catalogs in bibliographic control; introduces the functions, forms, and arrangements of library catalogs in all types of libraries; identifies bibliographic data elements in manual and machine readable catalog records; and emphasizes the basic principles, concepts, practices, and tools of descriptive and subject cataloging and file structures. Prerequisite: Consent of the School. 2 hours, or ½ unit. Henderson, Auld.

308. Audiovisual Services in Libraries. Designed to acquaint students with the nonprint media responsibilities of libraries; includes the evaluation, selection, and acquisition of software and hardware, the utilization of media in various types of libraries (by individuals and groups, in formal and informal programs),

and the administration of integrated media collections (films, recorded sound, video, and exhibits). 3 hours, or 1 unit. Prerequisite: LIS 300, or consent of instructor.

309. Storytelling. Fundamental principles of the art of storytelling including techniques of adaptation and presentation; content and sources of material; story cycles; methods of learning; practice in storytelling; planning the story hour for the school and public libraries, for recreational centers, for the radio, and for television. 3 hours, or ½ or 1 unit. Prerequisite: Consent of instructor.

320. Introduction to Information Sources and Services. Introduces information referral techniques and reader's advisory and online information services; examines representative printed and online sources, and develops question negotiation skills and search strategies. Prerequisite: Consent of the School. 2 hours, or ½ unit. Weech.

350. Theory, Design, and Production of Audiovisual Materials. Introduces students to the theory and research related to the design and production of audiovisual materials and their application to the design of graphic materials, motion picture films, sound-slide programs, and television programs. The management of production services in libraries is also treated. 3 hours, or 1 unit.

360. Practicum. Supervised field experience of professional-level duties in an approved library. Open only to M.S. candidates without work experience in libraries. S-U grade only. Prerequisite: LIS 300 and completion of 5 units of library and information science courses. 2 hours, or ½ unit. Richardson.

For Graduate Students

405. Library Administration. Designed to supply knowledge of the internal organization of libraries and of the principles of library administration; emphasis on comparison of the conditions found in the several kinds of libraries and on applications of the general theory of administration. 1 unit. Prerequisite: LIS 300, or consent of instructor. Weech.

406. Media Programs and Service for Children and Young Adults. The role, problems, and needs of children's and young adults' library services in the school and public library. 1 unit. Prerequisite: LIS 300, or consent of instructor. Richardson

407. Cataloging and Classification, I. Theory and application of basic principles and concepts of descriptive and subject cataloging; emphasis on interpreting catalog entries and making a catalog responsive to the needs of users; provides beginning-level experience with choice of entries, construction of headings, description of monographs (and, to a lesser extent, of serial publications and nonprint media), filing codes, Dewey and Library of Congress classification systems, and Library of Congress subject headings. 1 unit. Prerequisite: LIS 307 or consent of instructor. Henderson.

408. Cataloging and Classification, II. More complex problems in making and evaluating the changing, modern library catalog; practical and administrative problems in cataloging serial publications, analytics, ephemeral materials, and microforms; deals with various nonprint media, rare books and manuscripts, foreign-language materials, and materials in special subject areas. 1 unit. Prerequisite: LIS 407. Henderson.

409. Communication Roles and Responsibilities of Libraries. Mass media of communication are considered in terms of their relations with modern library services. Media organization, content, and research are reviewed; problems of intellectual freedom are considered as an aspect of communications behavior; and the potential role of electronic devices in library activities now and for the future is discussed. ½ or 1 unit.

410. Adult Public Services. The literature, history, and problems of providing library service to the general adult user; investigation of user characteristics and needs, and the effectiveness of various types of adult services. 1 unit. Prerequisite: LIS 300, or consent of instructor. Allen.

411. Reference Service in the Humanities and Social Sciences. Detailed consideration of the bibliographical and reference materials in various subject fields; training and practice in their use for solving questions arising in reference service. 1 unit. Prerequisite: LIS 320, or consent of instructor. Allen, Weech.

412. Scientific and Technical Literature and Reference Work. Aims (a) to acquaint students with typical library materials in science and technology, and (b) to develop proficiency in their selection, evaluation, and use for reference work. Prerequisite: LIS 320, or consent of instructor. 1 unit. Smith.

415. Library Automation. Introduction to various types of equipment for handling information and providing services in libraries; study of applications to library operations; and introduction to systems planning, to automation concepts, and to computer use. 1 unit. Prerequisite: LIS 300, or consent of instructor. Divilbiss.

416. Advanced Library Automation. The development of computer programs for library processes such as circulation, acquisitions, cataloging, and document retrieval. Includes seminar presentations based on individual research in automation topics. ½ or 1 unit. Prerequisite: LIS 415, or consent of instructor. Davis, Divilbiss, Smith.

417. Technique for Managerial Decision Making in Library and Information Science. Systematic techniques for achieving rational management decisions; includes problem definition, sampling, decision tables, and critical path analysis. Examples and current issues from the operation of libraries and information centers. 1 unit. Prerequisite: LIS 300, or consent of instructor. Divilbiss.

424. Government Publications. Aims to acquaint students with government publications, their variety, interest, value, acquisition, and bibliographic control, and to develop proficiency in their reference and research use; considers publications of all types and all governments (local, national, international) with special emphasis on U.S., state, and federal governments and on the United Nations and its related specialized agencies. 1 unit. Prerequisite: LIS 411 or 412 or consent of instructor. Weech.

427. Resources of American Research Libraries. Acquaints students with the distribution and extent of American library resources for advanced study and research; spatial and financial aspects of library resources; methods of surveying library facilities; growth and use of union catalogs and bibliographical centers; interinstitutional agreements for specialization of collections and other forms of library cooperation; and the use of the research collection by the scientist and scholar. ½ or 1 unit. Prerequisite: LIS 300, or consent of instructor. Krummel.

428. Library Buildings. A study of the library's physical plant in the light of changing concepts and patterns of library service. Present-day library buildings, both new and remodeled, are analyzed and compared with each other as well as with buildings of the past. The interrelationship of staff, collections, users, and physical plant is examined in detail. Class discussion is supplemented by visits to new libraries and conferences with their staffs. A two-day field trip is required; see Timetable for estimated cost. ½ or 1 unit. Prerequisite: LIS 405, or consent of instructor. Allen.

429. Information Storage and Retrieval. Types of systems for storage and retrieval of documents and references; history of retrieval systems, their characteristics, evaluation, and factors affecting their performance, with special reference to modern computer-based systems; procedures in the dissemination of scientific and other information, major information centers, and services in the U.S. 1 unit. Prerequisite: LIS 300, or consent of instructor. Lancaster, Shaw.

430. Advanced Reference. Designed to enable the student to utilize the varied resources of a large research library. Deals with the method of analyzing and solving bibliographic problems such as arise in scholarly libraries and in connection with research projects. ½ or 1 unit. Prerequisite: LIS 411 or 412, and consent of instructor. Allen.

431. Online Information Systems. Explores the state-of-the-art in online information systems, with particular emphasis on their use as part of reference service in libraries; acquaints students with the characteristics of both bibliographic and nonbibliographic data bases; and trains students in the use of at least one currently available online retrieval system. Prerequisite: LIS 429. ½ unit. Smith, Shaw.

432. History of Libraries. Same as Communications 432. The origins, development, and evolution of libraries and related institutions, from antiquity to the twentieth century, as a reflection of literacy, recognition of archival responsibility, humanistic achievement, scientific information needs, and service to society. ½ or 1 unit. Prerequisite: LIS 300 or consent of instructor. Krummel.

433. Advanced Subject Bibliography. A study of the literature, information sources, and reference aids in various specialized fields of knowledge, identified as different sections of this course, and from the point of view of their use by librarians. No student may take more than two different sections for credit toward a degree. Section D: Education and Psychology; G: Law; I: Music; K: Slavic; L: Economics; M: Africana. ½ unit. Prerequisite: Consent of instructor.

434. Library Systems. Considers the development of library systems, with special reference to public libraries, as a norm for the development of library services. Library standards, the growth and development of county and regional libraries, the role of the state library and of federal legislation are among the topics treated in detail. 1 unit. Prerequisite: LIS 405, or consent of instructor. Weech.

435. Library Service to Specialist Users. In-depth study of goals and objectives, policy, and services of research-oriented libraries; characteristics and information needs of specialist users of these libraries; and effective library services that satisfy specialist user needs. Study based on actual library operations, according to subject interest of student. 1 unit. Prerequisite: LIS 411 or 412.

437. Technical Services Functions. Seminar on the principles, problems, trends, and issues of acquiring, identifying, recording, and conserving/preserving materials in all types of libraries and information centers; includes the special problems of serials management; emphasizes service aspects. 1 unit. Prerequisite: LIS 300 and 407, or consent of instructor; concurrent registration in LIS 407 is acceptable with consent of instructor. Henderson.

438. Administration and Use of Archival Materials. Administration of archives and historical manuscripts, with emphasis on the processing and research use of archival materials. 1 unit. Prerequisite: Consent of instructor. Brichford.

439. Medical Literature and Reference Work. Consideration of representative reference and bibliographical aids in medical sciences; problems provide experience with typical medical reference sources. 1 unit. Prerequisite: Consent of instructor.

440. Advanced Bibliography. Discusses the major reference bibliographies, including general works, subject lists in various fields, regional historical and current national bibliographies, and published library catalogs; surveys the nature of bibliographical access to the output of the world's press, descriptive bibliography, and rare-book librarianship. ½ or 1 unit. Prerequisite: LIS 301, or consent of instructor. Krummel.

441. History of Children's Literature. Interpretation of children's literature from the earliest times including the impact of changing social and cultural patterns on books for children; attention given to the early printers and publishers of children's books and to magazines for children. 1 unit. Richardson.

442. Seminar in Library Materials for Children and Young Adults. Advanced study of criteria for the evaluation of books and other media, including an individual project on a given theme or subject, involving extensive and critical reading, viewing, and listening. 1 unit. Prerequisite: LIS 303 or 304, or consent of instructor. Richardson.

443. Contemporary Book Publishing. Survey of twentieth-century book publishing, placing it in an economic, social, and literary context; emphasis on economic structure, the relationship of author and publisher, promotion, distribution, and the influence of the industry on librarianship. ½ or 1 unit. Prerequisite: LIS 300, or consent of instructor. Allen.

444. Measurement and Evaluation of Library Services. Methods and criteria for evaluating various facets of library service, including the collection, the catalog, document delivery capabilities, reference service, technical processes, and information retrieval operations; deals with cost-effectiveness considerations. 1 unit. Prerequisite: LIS 300, or consent of instructor. Lancaster.

450. Advanced Studies in Librarianship. Directed and supervised investigation of selected problems in library resources, reference service, research libraries, reading, public libraries, or school libraries. ¼ units to 2 units. A wide variety of newly developed and special courses are offered as sections of LIS 450 as shown below. Prerequisite: LIS 300, or consent of instructor.

AC - Library Use Instruction. ½ unit.

AE - Librarianship in Developing Countries. ½ or 1 unit.

CC - Telecommunications. 1 unit. Divilbiss.

DD - Research Methods. For master's students. 1 unit. Auld.

EE - Legal Bibliography. 1 unit.

JJ - Information Management. 1 unit. Brichford.
KK - Adult Popular Literature. ½ or 1 unit. Schlipf.
LL - Seminar in Mass Communications. ½ or 1 unit.
PP - Seminar in Government Publications. ½ or 1 unit. Weech.
QQ - Bibliometrics. ½ or 1 unit. Lancaster.
VV - Seminar in Fantasy Literature. ½ or 1 unit. Richardson.

451. Independent Study. Permits the intermediate or advanced student opportunity to undertake the study of a topic not otherwise offered in the curriculum or to pursue a topic beyond or in greater depth than is possible within the context of a regular course. Prerequisite: Consent of the Dean. ½ to 1 unit. May be repeated by M.S. students to a maximum of 1 unit; CAS students, 2 units; or Ph.D. students, 4 units.

459. CAS Project. Individual study of a problem in library or information science; forms the culmination of the CAS program. S-U grade only. Prerequisite: Admission to CAS program in library and information science. 0 to 2 units. May be taken for additional units, but only two will apply to the Certificate of Advanced Study.

469. Principles of Research Methods. The study of the design of research using historical, descriptive, and experimental methodologies; emphasizes applications in the library and information science fields. Prerequisite: A course in the principles of statistics, a library and information science course in quantitative methods (e.g., measurement and evaluation of library services, systems analysis, or research methods), and consent of instructor. Open to doctoral students only. 1 unit. Davis, Auld, Smith.

471. The History of Communications Media and Libraries. Seminar in the different means of transmitting content through time and space; including the history and comparison of libraries, books, and other communications media. Open to doctoral students only. 1 unit. Krummel.

472. The Bibliographic Organization of Information and Library Materials. Seminar in the relationship between knowledge and its bibliographic control; including the structure of knowledge and classification, the descriptive and subject aspects of bibliography and indexing, and information theory. Open to doctoral students only. 1 unit. Henderson, Smith.

478. The Social Basis of Library and Information Science. Seminar in the interrelationships between librarians and information scientists and their communities of users; including modern institutions of librarianship and information service, the education of librarians and information scientists, and the sociology of libraries and information centers. Open to doctoral students only. 1 unit. Auld.

474. The Management of Libraries and Information. Seminar in the organizations and structures which facilitate both the achievement of library and information center goals and the flow of information, including management and decision making tools. Open to doctoral students only. 1 unit. Auld, Weech.

475. Seminar in Library and Information Science. Preparation, presentation and criticism of a scholarly paper of moderate length and publishable quality

based on individual study. Must be repeated for a total of 4 units. Prerequisite: LIS 471, 472, 473, or 474. Open to doctoral students only. 1 unit. Auld, Krummel, Smith, Weech.

499. Thesis Research. Individual study and research. M.S. candidates, 0 to 2 units; Doctoral candidates, 0 to 4 units.

Faculty

CHARLES H. DAVIS, Professor of Library and Information Science and Dean of the Graduate School of Library and Information Science



B.S., A.M., Ph.D., Indiana University.

Positions held: German Government Fellow, University of Munich, 1960-61; Assistant Editor, *Chemical Abstracts*, 1962-65; Chemical Information Specialist with Indiana University's Aerospace Research Applications Center, 1965-66; Director of Systems, ERIC Clearinghouse on Reading, 1967-69; Assistant Professor, Drexel University, 1969-71; Associate Professor, University of Michigan, 1971-76; Dean and Professor, Faculty of Library Science, University of Alberta, 1976-79; and Dean and Professor, 1979- , Graduate School of Library and Information Science, University of Illinois.

Fields of interest: Information retrieval, library automation, and chemical documentation.

Publications: *Guide to Information Science* (Greenwood Press, 1974), with James E. Rush; *Illustrative Computer Programming for Libraries*, 2d ed. (Greenwood Press, 1981) with Gerald W. Lundeen; and *Information Retrieval and Documentation in Chemistry* (with James E. Rush) and numerous journal articles and book reviews.

LAWRENCE W.S. AULD, Assistant Professor of Library and Information Science and Assistant Dean of the Graduate School of Library and Information Science



B.A., University of Northern Iowa; M.S., Columbia University School of Library Service; Ph.D., University of Illinois.

Positions held: Cataloger, University of Texas, 1958-61; Director of Centralized Processing, Hawaii State Library, 1962-65; Assistant University Librarian for Technical Services, 1965-67, and Assistant University Librarian for Systems and Research, 1967-68, Oakland University; Associate Professor, Assistant University Librarian, and Head of Technical Services, Oregon State University, 1968-73; Assistant to the Director, 1976-78, Acting Assistant Director, 1978-79, and Assistant Dean, 1979- , Graduate School of Library and Information Science, University of Illinois.

Fields of interest: Include visual media, research methods, technical services, and education for librarianship and information science.

Publications: Recent writings include articles on authority control, library advertising, and education for librarianship and information science.

HERBERT GOLDHOR, Professor of Library and Information Science, and Director of the Library Research Center



A.B., Dana College (now part of Newark College of Rutgers University); B.S., Columbia University School of Library Service; Ph.D., University of Chicago.

Positions held: Assistant Professor, 1946-48, Associate Professor, 1948-52, Graduate School of Library and Information Science, University of Illinois; Chief Librarian, Evansville (IN) Public Library, 1952-61; Professor, 1962- , Graduate School of Library and Information Science, University of Illinois. (Associate Director, 1962-63, Director, 1963-78, Graduate School of Library and Information Science, University of Illinois), and Director of the Library Research Center, 1975- .

Fields of interest: Research in librarianship and public library administration and operation.

Publications: *Practical Administration of Public Libraries* (with Joseph L. Wheeler), and *An Introduction to Scientific Research in Librarianship*.

DONALD W. KRUMMEL, Professor of Library and Information Science and of Music.



M. Mus., A.M.L.S., Ph.D., University of Michigan.

Positions held: Instructor in Music, University of Michigan, 1952-56; Reference Librarian, Library of Congress, 1956-61; Head of Reference Department and Associate Librarian, Newberry Library, 1962-64 and 1964-69; Associate Professor, 1970-71, and Professor, 1971- , Graduate School of Library and Information Science, University of Illinois.

Other positions and activities: U.S. Civil Service Middle Management Intern, 1960; Scholar in Residence, Aspen Institute for Humanistic Studies, 1969; Horace M. Oakley Traveling Fellow of the Newberry Library, 1969-70; Guest Lecturer, King's College, London, 1970; Associate in the University of Illinois Center for Advanced Study, 1974-75; Honorary Research Fellow, University College, London, 1974; and Geggenheim Fellow, 1976-77; Director of the National Endowment for the Humanities project, "Resources of American Music History"; President, Music Library Association, 1981-83.

Fields of interest: History and development of research libraries; general, historical, and music bibliography.

Publications: *Resources of American Music History* (with Geil, Dyen, and Root) (University of Illinois Press, 1981); *Bibliographical Inventory to the Early Music in the Newberry Library, Chicago* (G.K. Hall, 1977); *Guide for Dating ZEarly Published Music* (Joseph Boonin; Barenreiter Verlag, 1974); *Bibliotheca Bolduaniana; A Renaissance Music Bibliography* (Information Coordinators, 1972); and numerous articles and reviews.

F. WILFRID LANCASTER, Professor of Library and Information Science



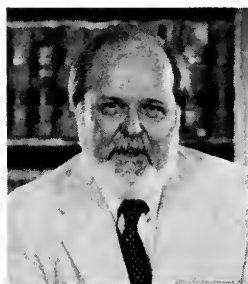
Fellow (by thesis) of the Library Association of Great Britain; graduate of Newcastle upon Tyne School of Librarianship.

Positions held: Senior Research Assistant, ASLIB Cranfield Project, 1963; Head of the Systems Evaluation Group, Herner & Co., 1964-65; Information Systems Specialist, National Library of Medicine, 1965-68; Director of Information Retrieval Services, Westat Research, Inc., 1969; Associate Professor, 1970-72, and Professor, 1972- , Graduate School of Library and Information Science, University of Illinois.

Fields of interest: Information storage and retrieval, evaluation of library and information services, bibliometrics, the future of publishing and of libraries.

Publications: *Toward Paperless Information Systems* (Academic Press, 1978); *Libraries and Librarians in an Age of Electronics* (Information Resources Press, 1982); *Information Retrieval Systems*, 2d ed. (Wiley, 1979); *Vocabulary Control for Information Retrieval* (Information Resources Press, 1972); *Information Retrieval On-Line* (Melville, 1973); *The Measurement and Evaluation of Library Services* (Information Resources Press, 1977); and numerous reports and articles in the field of information science.

WALTER COLEMAN ALLEN, Associate Professor of Library and Information Science



B.A., Williams College; M.S., Columbia University School of Library Science.

Positions held: Assistant, Williams College Library, 1949-50; Reference Assistant, Northwestern University, 1951-52; Variety of positions (Cataloger, Assistant Head of the Catalog and Reference Departments, Head of Circulation, and Head of the Literature and Fine Arts Division) at the Dayton and Montgomery (OH) County Public Library, 1953-68. Visiting Instructor, Summer 1967; Assistant Professor, 1968-71, Associate Professor, 1971- , Graduate School of Library and Information Science, University of Illinois.

Fields of interest: Reference, book selection, publishing, and library buildings.

Publications: Frequent reviewer for journals, including *Library Journal* and *American Reference Books Annual*.

JAMES L. DIVILBISS, Associate Professor of Library and Information Science

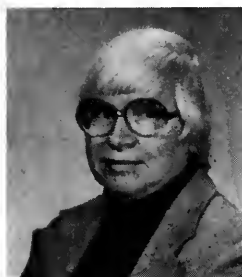


B.S., Kansas State University; M.S., Ph.D., University of Illinois.

Positions held: Research Associate for the Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, 1955-63; Member of the Bell Telephone Laboratories Technical Staff, 1963-65; Principal Research Engineer, Coordinated Science Laboratory and Department of Computer Science, University of Illinois, 1965; Associate Professor, 1971-, Graduate School of Library and Information Science, University of Illinois.

Fields of interest: Library automation and information retrieval.

KATHRYN LUTHER HENDERSON, Associate Professor of Library and Information Science



A.B., B.S.L.S., M.S.L.S., University of Illinois.

Positions held: Serials Cataloger, University of Illinois Library, 1950-53; Circulation Librarian, 1953-56, and Head Cataloger, 1956-65, McCormick Theological Seminary, Chicago; Visiting Instructor, 1964-65, Instructor, 1965-67, Assistant Professor, 1967-71, and Associate Professor, 1971-, Graduate School of Library and Information Science, University of Illinois.

Fields of interest: Academic and research libraries, theological libraries, technical services, cataloging and classification, bibliographic control, and the history of descriptive cataloging.

Publications: Editor of *Trends in American Publishing* (1968); *MARC Uses and Users* (1971); and *Major Classification Systems: The Dewey Centennial* (1977). Co-editor of *Conserving and Preserving Library Materials* (1983). Contributor of articles and book reviews on serials, cataloging and classification, and technical services to periodicals and proceedings. Developed lessons on PLATO, a computer-based educational system.

SELMA K. RICHARDSON, Associate Professor of Library and Information Science



B.M., St. Olaf College; M.A., M.A.L.S., Ph.D., University of Michigan.

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Fields of interest: Materials and services for children and young adults; school librarianship, and history of children's literature.

Publications: *Periodicals for School Media Programs* (ALA, 1978); *An Analytical Survey of Illinois Public Library Services to Children* (Illinois State Library, 1978); *Magazines for Children* (ALA, 1983); and *Magazines for Young Adults* (ALA, 1984).

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Fields of interest: Reference in the social sciences and humanities, library administration, government publications, library systems, and networks, collection development, evaluation information services, public librarianship, and library use instruction.

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Fields of interest: Information retrieval, collection evaluation, on-line information systems.

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