

RAYMON H. MULFORD LIBRARY

ANNUAL REPORT 1991

Prepared by:



D. Joan Derrick
Administrative Assistant

Approved by:



L. J. A. DiDio, M.D., D.Sc., Ph.D.
Acting Director
Consultant to the President
Professor Emeritus, Anatomy

RAYMON H. MULFORD LIBRARY
ANNUAL REPORT 1990

Despite staff shortages and the retirement of the Librarian, the staff managed to cope with the growing demand for library services. Due to budget cuts we were not able to purchase books this year and the collection, especially reference, is in great need to be updated.

Mr. R. M. Watterson, Founding Librarian, was named Librarian Emeritus of the Medical College of Ohio. In April 1991 he was named Centennial Honoree by The Ohio Academy of Science Centennial Celebration Commission. The honorees were selected for their contributions to science, to education and to The Ohio Academy of Science. The Honorees were recognized at a dinner during the Centennial Annual Meeting of The Ohio Academy of Science in Columbus, Ohio. There were 25 honorees representing over 700 years of combined contributions.

Mr. Watterson joined The Ohio Academy of Science in 1980 and was a founding member and the first Vice President of the Academy's Section on Information and Library Sciences. He served as a consultant to other health science related libraries. He set goals for future development of the Mulford Library based on the concept of creating an information network linking scholars to databases within and outside the institution using computer workstations.

Mr. Watterson was named a fellow by the Medical Library Association for his "outstanding contributions to the advancement of the purposes for which the Medical Library Association stands" at the Annual Meeting of the Association in San Francisco, California, May 1991.

A man of remarkable abilities and clear sightedness, he leaves the College with an excellent medical library achieved through his leadership position in medical librarianship. He has always sought to improve the services to the health professional community served by the library. A man of conviction and commitment to the highest ideals of information management, he imparted these values to his staff and set as his goal making the Raymon H. Mulford Library one of the finest in the country.

His leadership will be sorely missed by the Medical College of Ohio and the Staff of the Raymon H. Mulford Library. After many years of devoted services, his colleagues and associates wish him much success and happiness in his future endeavors.

ACTING DIRECTOR

Liberato J. A. DiDio, M.D., D.Sc., Ph.D., Professor Emeritus, Consultant to the President was named Acting Director of the Raymon H. Mulford Library, October 8, 1991. Dr. DiDio was the founding Chairman of the Department of Anatomy at the Medical College of Ohio, the first Dean of the Graduate School and published the first book under the Medical College of Ohio name. The Library is fortunate to have Dr. DiDio with us during this period of transition.

Progress made under Dr. DiDio's leadership is attached.
(See Progress Reports).

ACQUISITIONS

The Acquisitions Department of the Library under the direction of Ajit J. Chakraborty, M.S.L.S., suffered the most this year with budget cuts. Only reserve materials and required textbooks were ordered by the staff.

Patron requests for monograph titles are checked into our holdings immediately upon receipt. If the book is owned, the patron is notified immediately of the call number and status. If the title is not owned, it is placed on order hold until funds are made available to order. Presently there is a freeze on all book orders until July 1, 1991.

Hopefully in 1991-1992 an Acquisitions Review Committee will be named to assist in going through the numerous book request forms to decide which monographs are to be purchased. This is necessary due to a shortage of professional staff.

ARCHIVES

Library seeks copies of Faculty Books, Journal Papers, Reprint Publications (Article in the "On the Record" March 15, 1991, issue).

"Officials of the Raymon H. Mulford Library are urging Medical College of Ohio faculty and staff members who have published books, journal articles, and other publications to give the library complimentary copies for its collections.

→

The Library's interest in faculty publications is evidenced by the continuous displays of faculty publications in the rare book room. Liberato J. A. DiDio, M.D., D.Sc., Ph.D., Professor Emeritus, Anatomy, Consultant to the President and Acting Director of the Raymon H. Mulford Library says, "Since each work is the product of the discipline in which the faculty member is teaching or researching, these publications are a significant resource to others doing research in related areas."

Dr. DiDio says that gift copies of books should be autographed by the author and forwarded to John Lucas, Head of Technical Services. He adds the books are displayed in the faculty section of the rare book room for visitors.

The Acting Library Director adds that the Library also is seeking current copies of reprint publications that also are autographed by the author. The copies will be placed in a reprint file. Dr. DiDio, says, adding that some academic departments are having autographed reprints bound for the collection.

We feel it is important to the History of the Medical College of Ohio to have these autographed publications," Dr. DiDio explains.

BINDING

The Serials Department continued to keep current on the binding of journals and monographs. Binding protects the condition and continued availability of the Library's journal collection. The Raymon H. Mulford Library has been fortunate that we have been able to keep current with our binding. This year we bound approximately 1,521 volumes.

BOOK DEPOSIT

A book deposit is located on the first floor near the entrance to student affairs. **DO NOT RETURN RESERVE BOOKS THROUGH THIS DEPOSIT.** Do not return books on the day they are due or on a Friday if they are due over a week-end. They will not reach the Library in time and an overdue materials fine will be charged.

GLIDDEN L. BROOKS AWARD

The Raymon H. Mulford Library sponsored Medal 22-A of the Glidden L. Brooks Award at Graduation June 7, 1991. The Library sponsors a gold medal designed by Alan Melis of the Toledo Museum of Art.

This award is presented annually to the student who is distinguishable by superiority in all phases of the curriculum. The promotions committee selects the recipient. The medal is named in honor of the first President of the Medical College of Ohio.

The recipients of the award are as follows:

		<u>No.</u>
1972	Archival original and mock-up (Pres. file)	1
1972	Glidden L. Brooks, M.D., President	2
1972	Paul Garrett, M.D. (first student)	3
1973	Michael McIntosh, M.D.	4
1974	Michael B. Shannon, M.D.	5
1975	Craig T. Hopple, M.D.	6
1976	David Warrick, M.D.	7
1977	Jerrold Lemoine Smith, M.D.	8
1978	Thomas O. Milbrodt, M.D.	9
1979	Andrew Herschel Glassman, M.D.	10
1980	Mark Lowrence Lloyd, M.C.	11
1981	Richard Thomas Schlinkert, M.D.	12
1982	Jeffrey Stuart Ross, M.D.	13
1983	Jonathan L. Myles, M.D.	14
1984	John Patrick Pigott, M.D.	15
1985	(Al Melis - lost medal)	16
1986	Christopher Lee Blanton, M.D.	17
1987	Frederick Arnold Bunge	18-A
1987	Matthew Phillip Bunyard	18-B
1988	David E. Custodio	19-A
1988	Thomas Gerard McAlear	19-B
1989	Janette Collins	20
1990	Kelly Schibler	21
1991	Brian S. Miller, M.D.	22-A
1991	Todd A. Scott, M.D.	22-B

CATALOGING

With budget cuts and a freeze on purchasing books the cataloging department duties changed drastically. The Technical Services Staff assumed the responsibility of shelving, photocopying, cleaning storage areas and going through duplicate and gift materials. An inventory is now being taken and multiple copies being withdrawn from the collection.

Mr. John Lucas, Head of Technical Services, has attended the OhioLINK (OLIS) Meetings for the director, as well as the technical meetings. He has worked with serials, cataloging and circulation, as well as covered reference desks and holidays.

The department is busy preparing for the implementation of the OhioLINK Integrated Library System, which is expected to be operational in 1992.

CIRCULATION

This past year emphasis was on the commitment to our clientele and their needs. Ms. Mary Houston, Circulation Supervisor, set in motion a service excellence program. This provided the circulation staff to introspectively look at its clientele, services, goals and objectives.

The Circulation Department re-examined its vast and diversified clientele base. Primary clientele including all members of the community, faculty, students, and staff. Reciprocal agreements added clientele from other state, private and local universities, and colleges. The Raymon H. Mulford Library is a state agency and as such its facilities may be used by any individual. The staff of the Circulation Department must be ready and available to respond to clientele needs, no matter what the individual's affiliation.

Goals and Objectives:

1. To attend to clientele's circulation and reserve needs at primary service desk point. Circulation Desk service is one of the most important activities of the department.

The circulation department is staffed by two full-time employees and three part-time employees. Coverage of the circulation department is the primary responsibility of the classified staff. Statistics for the past year indicated that the majority of the items borrowed were by Health Science Library primary clientele. During the sametime there was an increase in items borrowed by individuals visiting from other agencies, colleges and universities to whom borrowing privileges were extended.

CONSULTANT

Due to the retirement of Ronald M. Watterson, M.S.L.S., Librarian, August 1990, we have not been called upon for a consultant. We look forward to the new director resuming these activities.

CONSULTANTS REPORT

This report was designed to summarize the current contemporary Medical College of Ohio Library's strengths and weaknesses; contrast the Library with libraries of comparable institutions; offer a three phase turnaround plan based upon short, intermediate, and strategic strategies; and offer a systematic assessment of the Library as a total system. This summary is based on the documents that were made available to the consultants, interviews with 75 faculty, students, and staff, and the consultants' observations.

(See copy of Report).

Summary of Recommendations

1. Leadership
2. Organizational Issues
3. Collections
4. User Service Program
5. User Links
6. Communications
7. Physical Facilities and Space
8. Electronic Access
9. Academic Computing
10. Internal Staff Review
11. Budget

After the Consultants Report was received a Search Committee was named for nominations for Director of the Raymon H. Mulford Library. Five candidates were interviewed and only three were called back for second interviews. At the present time the Vice President for Academic Affairs and Dean of the School of Medicine is negotiating with one of the candidates for the position. The Library Staff was not represented on the Search Committee, nor did they have any input as to the candidate.

COPY MACHINES

Copy machines are located on the fourth and fifth floors of the Library. They can be operated with coins (10 cents per copy) or with cards (5 cents per copy). Copy cards may be purchased from the card vending machine located on the fifth floor of the Library.

We were extremely fortunate during budget cuts that the administration filled our needs for five new Xerox Copy Machines. It is the first time in many years that we have been fortunate enough to have all the copy machines replaced at one time. The students, faculty and staff are pleased with these new machines and the services offered by them.

COPYRIGHT LAW

See Revised edition - 1989 attached.

EXHIBITS

An Exhibit on "Public Health in New York City in the Late 19th Century", Commemorating the centennial of the publication of Jacob Riis' How the Other Half Lives, was on display in the Raymon H. Mulford Library during the month of April. This exhibit was on loan from The National Library of Medicine, History of Medicine Division, Bethesda, Maryland through the courtesy of Ms. Madeline Crisci.

Riis' famous descriptions and photographs of life in the New York City slums helped to publicize the conditions under which the urban poor lived, including the serious public health problems that they faced. The exhibit will feature books and pictures from the NLM collection, as well as materials borrowed from the collection of the History of the Health Sciences Library and Museum, Cincinnati, Ohio, through the courtesy of Ms. Billie Broadus, Director.

The Exhibit was well received and forwarded onto the History of the Health Sciences Library and Museum, The University of Cincinnati.

FEES

Circulation

Fines	10¢ per day per item.
Lost or Damaged Book	Cost of replacement plus \$10.00 processing charge.
Photocopying Charges	25¢ per page (mediated).

Interlibrary Loan

Send a FAX (Local)	\$5.00 plus line charges.
Receive a FAX	\$5.00
Interlibrary Loan	\$7.00

Note: To send a FAX you must have a cover sheet.

To receive a FAX it must have your full name, department and phone number where you can be contacted.

Reference

Search (In-house)	\$15.00
Search (Outside)	\$25.00

Food and Drinks

Food and drinks are not permitted in any areas of the Library.

No Smoking

The Medical College of Ohio is a SMOKE FREE CAMPUS.

GOALS FOR 1991 - 1992

1. To hire a Director, Head of Public Services and at least two other professional librarians.
2. Purchase and update our collection.
3. Re-organize, analyze, and train staff.
4. Inventory the monographic collection and weed out duplicates.
5. Shift from 5th floor to mezzanine, thus relieving space for new book purchases.
6. Read journal shelves.
7. Evaluate, develop and improve policies and procedures and workflows as we move to an online integrated system.

Our biggest challenge for 1992 will be when the new Director is hired and the transition period takes place.

INTERLIBRARY LOAN

Interlibrary loan (lending) requests are responded to and shipped within one working day. Our fast response time and quality collection make us one of the top interlibrary loan suppliers.

We are most fortunate that we do not have any damage or loss in volume. Therefore we continue to loan out books year around thus providing increased service to our patrons.

Online database searches are responded to and shipped within one working day. Requests for customized reference and document delivery service are accommodated. Rush processing of requests, pick-up and telefax transmission are provided.

The Interlibrary Loan Department looks forward to moving back to the reference offices on the fourth floor where space is a great improvement.

The new telefacsimilie machine expedited delivery of documents.

We are hopeful in 1992 that our billing system will go on computer, thus making Interlibrary Loan practically self-sufficient. The department handles its own billing and invoicing. Changes were made on forms proving to be more efficient for user requests.

In order to provide the highest quality of service possible given the limitations of our staffing situation, standards were set for service priorities.

1. All interlibrary loan (borrowing) requests are processed within one working day of receipt of requests.
2. Staff respond promptly to all in-person and telephone reference queries.
3. All requests for library research seminars and tours of the library are accommodated for faculty, students and staff.

Since we do not have a Head of Public Services, the Technical Services Department has assumed a great deal of the Public Services responsibilities. Searching is done by John Lucas, Head of Technical Services, as well as by Mrs. Alexandra Kuby, Interlibrary Loan Librarian/Bibliographic Searcher. We rely heavily on the classified staff to assist in all areas of the Library.

JOURNAL SUBSCRIPTION PRICES ESCALATE

Prices for journal subscription renewals have steadily increased for the past five years and continue to rise faster than the rate of inflation. The predicted rate increase for 1991 is 15 to 25 percent. This escalation is the largest since 1986 and 1987 when subscription prices rose by 15 - 20 percent.

The 30th annual survey of U. S. periodical prices which is published in the April 15, 1990, issue of Library Journal, shows an increase of more than 400 percent on the U. S. Periodical Index since the base year 1977 in the subject category that includes Chemistry and Physics, Labor and Industrial Relations, Medicine, and Zoology.

Recent projections for 1991 by the Faxon Company, a subscription service vendor, indicated that academic health science libraries can expect average serials collection price increases of 15 to 17 percent. The average price increase from U. S. Publishers will be from 9 to 12 percent, with non-U.S. titles price increases averaging around 20 percent.

Projected increases from the foreign publishers Elsevier and Pergamon range from 22 to 27 percent with a projected range of 18 to 20 percent from German publishers.

Based on these projections, the library's budget allocated for serials is rapidly consuming the entire materials budget. The average annual subscription price for foreign journals in 1990 was \$520.27 and may increase to \$706.66 for 1991. Whereas the other subscriptions have an annual average cost of \$149.39 for 1990 with an expected increase to \$164.33 for 1991.

The Acting Director, Dr. L. J. A. DiDio and the Library Committee are again taking a serious look at the journal subscriptions with faculty input as to additional subscriptions being cut in order to keep up to date with the necessary medical journals.

LIBRARY STUDY ROOMS FOR FACULTY (POLICY)

The Library has faculty rooms available on the 5th floor of the Mulford Library. Assignments are made through the Librarian's Office - Room 417, on a first - come, first - serve basis. Faculty may reserve these areas specifying the desired dates for a maximum of six weeks. A waiting list will be maintained if space is not available at the time of the request.

These carrels provide temporary private study areas for faculty who need ready access to numerous library sources for research and instructional purposes. Guidelines for use and assignment were developed in cooperation with the Faculty Senate. Priority use will be given to permanent full-time faculty.

Residents and individuals engaged in fellowships and postdoctoral studies are assigned on a space available basis to be relinquished whenever faculty requests are received and no other space is available.

A signature card must be signed when you pick-up your key. Keys must be returned when your time is terminated.

The Library reserves the right to enter the carrel and remove any item(s) not properly checked out that is needed for interlibrary loan or internal use.

After each reservation expires, checks will be made for unshelved library materials and personal items left behind. Abandoned personal materials will be removed and sent to the security department.

NIH CLINICAL ALERTS

Prominent health communicators and government administrators fathered at the National Institutes of Health on January 15, 1991, to grapple with a fundamental issue in medicine: when and how to release findings of NIH sponsored trials of therapeutic regimens. The meeting reflected growing criticism over the lengthy process of disseminating the results of these trials through scientific journals and dissatisfaction with the lack of sufficient information in mailings to doctors, bulletins, news reports and other special efforts to get clinical information into the hands of practitioners quickly.

At the meeting Dr. Donald A. B. Lindberg, Director of the National Library of Medicine, suggested that the nation's health sciences libraries play a more active role in the process of disseminating potentially life-saving information, learned while a trial is in progress or at its conclusion, to the nation's health care providers.

On January 16, the NLM disseminated the first NIH Clinical Alert to members of its Regional Medical Library Program. The AIDS Clinical Trials Alert gives comprehensive information on the results of the National Institute of Child Health and Human Development trial on the efficacy of intravenous immunoglobulin for the prophylaxis of serious bacterial infections in symptomatic HIV-infected children. By the end of March, two additional alerts were disseminated through the RMLP which has the potential of reaching 40,000 librarians and other health professionals.

A permanent copy of Clinical Alerts is available for patron use in the Interlibrary Loan Department.

SERIALS DEPARTMENT

The Serials Department acquires catalog, binds, inventories and maintains the Library's most heavily used materials, its journals. The serials staff also plays a key role in the selection and deselection of journal titles. The department strives to make journal issues and volumes available to our patrons in as expeditious and accessible a manner as possible.

The Library binds unbound journal materials on a regular schedule. This preserves the issues and keeps them in good repair. The staff pulls the completed volumes from the shelves biweekly. Any volumes which are incomplete are held in a temporary location while we attempt to acquire missing issues. Once a volume has been determined to be ready for binding, it is processed and sent to the bindery. When the binding returns it is checked in immediately and placed back on the shelves.

Currency of information is vital to our faculty and students. Hence, the department makes every effort to prepare the issues received in each day's mail for shelving the same day. All journals are stamped with the Raymon H. Mulford Library property stamp.

The department has been busy placing the serials on the OCLC terminal. Many serials functions such as ordering, check-in, invoice payment and fund accounting, bindery preparation, issue routing, claiming, inventory control, cataloging, etc., are still done by hand.

The department enjoyed the use of OCLC's SC350 Serials Control System, a stand alone system which we ran on a local area network. We utilize the checkin, claim, and routing modules extensively and successfully. In particular, the claim module was of enormous assistance in helping us identify in a timely manner issues which the library had not received.

The serials department regularly updates our list of serials, which gives the public, faculty, walk-in or interlibrary loan access to our journal holdings.

We review the entire current journal list annually for continuing value to the Health Sciences Library and to have all journals which are added or deleted reviewed by librarians and/or teaching or clinical faculty. When the library makes the decision to acquire or cancel a journal, it makes an ongoing commitment or savings in terms of dollars. Costs of acquiring, binding, and storing a journal all must be considered. Although the three previous fiscal years were marked by significant price increases, in large part due to the devaluation of the dollar against Japanese and various European currencies saw a moderation in the upward spiral.

SKYLIGHT AND ROOF LEAKS

The skylight and roof continue to leak. The College Facilities Department are continually checking, but nothing has been done to correct the problems. At the present time there is a bad leak directly over the card catalog where the computer is installed.

The skylight continues to rattle and on a windy day library patrons have to leave the library. It is impossible to concentrate with the noise and constant interruption caused by this skylight.

TOURS OF THE LIBRARY

The University of Toledo Retired Librarians Group of the Carlson Library met with Dr. L. J. A. DiDio, Acting Director. The group toured the Mulford Library and spent a social hour with coffee and cookies in the rare book room.

A tour of the Reference Department of the Toledo Public Library was given by Mrs. Alexandra Kuby.

Various departmental tours and tours for new faculty were given by Mr. John Lucas.

Unscheduled tours are frequent by the following departments:

- Personnel Department
- Volunteer Office
- Development Office
- Office of Communications

It would be for the best interest of the students and library users if all tours were scheduled through the librarian's office. We try not to have tours during National Boards and Exam times.

MEETINGS ATTENDED

R. M. Watterson Librarian

Ohio Academy of Medical History
Ohio Academic Library Directors
Ohio Library Access System
OCLC Users Group
OLIS
State-Wide Electronic System
Task Force
Library Users Group
Inter-University Library Council
Greater Midwest Regional Medical Library Network
Regional Council
Resource Library Directors
Ohio Medical Library Directors
Committee on Library Cooperation
Health Science Librarians of Northwestern Ohio
OHIONET

Retirement of Librarian

Reception for R. M. Watterson, Founding Librarian - Retirement.
Guests from Columbus, Cleveland, Cincinnati, Dayton, Detroit, Chicago, Athens, Ann Arbor, etc. The Library Architects, Medical College Faculty and Staff, employees trained by Mr. Watterson to be librarians, local physicians, etc. attended this reception.

Retirement Dinner for R. M. Watterson, at the Toledo Club.
Local physicians thanking Mr. Watterson for his contributions to Toledo and to the Medical Field.

Hospital Librarians Luncheon for R. M. Watterson honoring his retirement.

Health Science Librarians of Northwest Ohio Luncheon honoring R. M. Watterson retirement. Thanks and appreciation for his starting the group; for his support and assistance to them throughout the years.

MEETINGS ATTENDED

L. J. A. DiDio, M.D., D.Sc., Ph.D.
Acting Director

Ohio Academic Library Directors
Ohio Medical Library Directors
Budget Meetings
OLIS Meetings
Executive Committee Meetings
Library Staff Meetings
Hospital Accreditation Meetings

John Lucas, M.S.L.S.
Head of Technical Services

Ohio Network of Medical History
OLIS Working Conference
OHIONET Meetings
HSOCLCUG Meetings
Computer Committee Meeting
Inter-University Library Council
Purchasing Meeting - Re: New Copy Machines
Greater Midwest Regional Library Network
Ohio State Council
Risk Management
Regional Council and Resource Library Directors
State Council of Ohio
OHIONET Workshop on PRISM

D. Joan Derrick
Administrative Assistant

Budget Meeting with Mr. Tracey & Dr. DiDio
Hospital Accreditation Meeting with Dr. DiDio and
Ms. Brenda Phillips.
Operations Information Meetings
Staff Meetings

Barbara Huntley
Library Media Technical Assistant

OHIONET Prism Meeting.

Alexandra Kuby
Reference Librarian/Bibliographic Searcher

Interlibrary Loan Seminar OCLC

RAYMON H. MULFORD LIBRARY ORGANIZATIONAL CHART

BOARD OF TRUSTEES

PRESIDENT

Richard D. Ruppert, M.D.

VICE PRESIDENT FOR ACADEMIC AFFAIRS &
DEAN OF THE SCHOOL OF MEDICINE

Richard F. Leighton, M.D.

ACTING DIRECTOR

Liberato J. A. DiDio, M.D., D.Sc., Ph.D.
Consultant to the President
Professor Emeritus, Anatomy

ADMINISTRATIVE ASSISTANT

D. Joan Derrick

HEAD OF PUBLIC SERVICES
(Position Open)

REFERENCE LIBRARIAN/SEARCHER
(Position Open)

INTERLIBRARY LOAN LIBRARIAN/SEARCHER
Alexandra Kuby

HEAD OF TECHNICAL SERVICES
John Lucas

CATALOGING

SERIALS

PERSONNEL

The following is an updated roster of the present library staff and their anniversary dates:

Office of the Librarian

Service Date

L. J. A. DiDio, M.D.,D.Sc.,Ph.D.
Acting Director
Consultant to the President
Professor Emeritus, Anatomy

Appointed Acting Director
October 8, 1990

D. Joan Derrick
Administrative Assistant

May 13, 1968

Public Services

Head of Public Services

Position Open

Alexander Kuby, M.S.L.S.
Reference Librarian/Searcher

March 4, 1985

Reference Librarian/Searcher

Position Open

Susan Adams Champion, A.L.S.
Library Assistant - Reference

October 2, 1967

Elizabeth Fabian
Library Assistant - Reference

December 7, 1986

Mary Houston
Library Assistant - Circulation
Supervisor

October 5, 1970

Rosemary Tammarine
Library Assistant - Circulation
Night Supervisor

June 1, 1970

Linda Potter
Library Assistant (Part-time)

October 5, 1987

Denise McCoy
Library Assistant (Part-time)

August 28, 1989

Robert Baibak
Library Assistant (Part-time)

December 18, 1989

PERSONNEL (continued)

Technical Services

Service Date

John Lucas, M.S.L.S.
Head of Technical Services

May 1, 1976

Barbara Huntley
Library Assistant - Cataloging

September 24, 1961

James Damas
Library Assistant - Cataloging

December 7, 1981

Ajit Chakraborty, M.S.L.S.
Library Associate - Acquisitions

July 31, 1974

Anne Bushel, B.Ed.
Library Assistant - Acquisitions

July 22, 1974

David Remaklus, M.B.A.
Library Associate - Serials

July 18, 1988

CONCLUSION

The Library Staff has survived a stressful year with a shortage of staff and funds. They have cooperated and assisted the faculty, students and staff of the college to the best of their ability and all in all we considered ourselves to have a fair year. We are aware of our problems and have learned patience in coping with them. The staff assisted one another in the various departments whenever needed.

We want to pay special tribute to our Acting Director:

**THE STAFF OF THE RAYMON H. MULFORD LIBRARY WISHES
TO EXTEND ITS SINCERE BEST WISHES AND THANKS TO
LIBERATO J. A. DIDIO, M.D., D.SC., PH.D., FOR HIS
SUPPORT, ENCOURAGEMENT, ASSISTANCE AND DEDICATION
IN THIS PERIOD OF TRANSITION. WE THANK YOU
DR. DIDIO FOR BEING OUR FRIEND.**

We have been advised that the Search Committee recommended two names to the Vice President for Academic Affairs and Dean of the School of Medicine. The Dean is presently negotiating with one of the candidates and hopefully a decision will be made and a new Director hired sometime this fall.

We look forward to **Welcoming our new Director** and to moving forward and ahead to being an integrated library system; to building our collection, our services and our staff.

on the record

FOR THE FACULTY & STAFF OF THE MEDICAL COLLEGE OF OHIO

Library Seeks Copies Of Faculty Books, Journal Papers, Reprint Publications

Officials of the Raymon H. Mulford Library are urging Medical College of Ohio faculty and staff members who have published books, journal articles, and other publications to give the library complimentary copies for its collections.

"The library's interest in faculty publications is evidenced by the continuous displays of faculty publications in the rare book room," **Liberto J.A. DiDio, Ph.D., M.D.**, professor emeritus, anatomy, and acting library director, says. "Since each work is the product of the discipline in which the faculty member is teaching or researching, these publications are a significant resource to others doing research in related areas."

Dr. DiDio says that gift copies of books

should be autographed by the author and forwarded to **John Lucas**, head of technical services. He adds the books are displayed in the faculty section of the rare book room for visitors.

The acting library director adds that the library also is seeking current copies of reprint publications that also are autographed by the author. The copies will be placed in a reprint file, Dr. DiDio, says, adding that some academic departments are having autographed reprints bound for the collection.

"We feel it is important to the history of the Medical College of Ohio to have these autographed publications," Dr. DiDio explains.

Publications and Presentations...

...Liberato J.A. DiDio, M.D., Ph.D., professor emeritus, anatomy, and acting director, Raymon H. Mulford Library, was the keynote speaker Feb. 12 at the Royal Academy of Medicine of Spain in Madrid. His topic was "Anatomy of Beauty and Plastic Surgery."

During his European trip, he also gave a course, "Surgical Anatomy of the Female Genital System" to 30 Italian obstetricians and gynecologists and also taught another course, "Male Genital System," to 200 first-year medical students at the University of Rome.

on the record

FOR THE FACULTY & STAFF OF THE MEDICAL COLLEGE OF OHIO

Public Health History Exhibit On Display In Mulford Library

An exhibit, "Public Health in New York City in the Late 19th Century," commemorating the centennial of the publication of Jacob Riis' classic work, "How the Other Half Lives," is now on display until May in the Raymon H. Mulford Library.

Riis' famous descriptions and photographs of life in New York City slums helped dramatize the horrible conditions, including serious public health problems, faced the city's urban poor.

The exhibit features books and pictures from a National Library of Medicine collection as well as materials from Ms. Billie Broaddus, director of the History of the Health Sciences Library and Museum at the University of Cincinnati, according to Liberato J.A. DiDio, M.D., D.Sc., Ph.D., professor emeritus, anatomy, and acting library director.

The Mulford library is open from 7:30 a.m. to 11 p.m. Monday through Friday; from 10 a.m. to 8 p.m. Saturday, and from noon to 10 p.m. Sunday.

A booklet, "Public Health in New York City in the Late Nineteenth Century," by Madeline Crisci, of the National Library of Medicine, also is part of the display.

Program Allows Library To Receive Clinical Information Updates

In an effort to speed the dissemination of clinical information, the National Library of Medicine in Bethesda, Md., is developing a computer program that will allow member libraries to receive clinical information updates before the updates are published in the biomedical literature through so-called "clinical alerts."

Member libraries will receive the information through the NLM's Medical Literature Analysis and Retrieval System (MEDLARS).

The Raymon H. Mulford Library has received the first clinical alert, which covers acquired immune deficiency syndrome (AIDS.), according to Liberato J.A. DiDio, M.D., Ph.D., D.Sc., interim library director.

The information will be available in the interlibrary loan office, Room 511.

February 15, 1991

on the record

FOR THE FACULTY & STAFF OF THE MEDICAL COLLEGE OF OHIO

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Watterson, Howard Receive Emeritus Faculty Status At Board of Trustees Meeting Monday

Two long-time MCO faculty members who have retired received emeritus faculty status at the meeting Monday of the Medical College of Ohio Board of Trustees.

Ronald M. Watterson, M.L.S., the only librarian in MCO's history, and **John M. Howard, M.D.**, a surgeon and pancreatic cancer specialist, were given librarian emeritus and professor emeritus, respectively.

Mr. Watterson served as librarian from 1967 until his retirement in August.

A national search for his successor is now under way.

Dr. Howard, who joined MCO in 1970, was editor of a book, *Surgical Disease of The Pancreas*, that was first published in 1960. The second edition of the book was printed in 1986.

Dr. Howard, who helped develop the concept of the Mobile Army Surgical Hospital (M*A*S*H) that was used to treat soldiers during the Korean War, founded the American Trauma Society in 1971, helped establish a paramedic training program at MCO, and was an organizer of international symposium on pancreatic cancer held at MCO in 1989.

on the record

FOR THE FACULTY & STAFF OF THE MEDICAL COLLEGE OF OHIO

Watterson To Be Honored By Ohio Science Group

Ronald M. Watterson, M.L.S., librarian emeritus, has been selected as a centennial honoree by the Ohio Academy of Science for his contributions to science and education.

Mr. Watterson, one of 25 persons and the only northwest Ohio resident selected for the honor, will be recognized at an awards dinner April 25 in Columbus.

It is the second honor that he has received since his retirement in July, 1990.

In January he was named a fellow by the Medical Library Association (MLA) based in Chicago for his "outstanding contributions to the advancement of the purposes for which the Medical Library Association stands."

Mr. Watterson will be honored by the MLA at its annual meeting in June in San Francisco.

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Jerome A. Levin, Ph.D.
Associate Dean for
Academic Resources

MEMORANDUM

To: All Library Staff

From: Jerome A. Levin, Ph.D.
Associate Dean for Academic Resources

Date: February 4, 1991

Subject: Consultants recommendations

The last time we met, you requested an opportunity to see the Library consultants report. Attached is a copy of the recommendations from the consultants report. I'm sorry that it took me so long to get this to you. We have sent out several letters requesting nominations for the Director's position and ads have been placed in a few publications.

VII. SUMMARY OF RECOMMENDATIONS

Recommendation Area #1 — Leadership

- #1.1 Develop a Strategic Plan for the Medical College of Ohio Library as soon as possible by reviewing the three vision phases presented in this report.
- #1.2 The definition of the role of Director should be based upon the vision of the future. Without a clearly defined role, the College will have a difficult time attracting top candidates for the position of Director.
- #1.3 The Director must report to the Vice President for Academic Affairs without any intermediary as indicated on the January 1, 1990 organizational charts.
- #1.4 The salary of the Director must be comparable to the salary offered to Medical College of Ohio basic sciences department chairman.
- #1.5 The new Director must be an advocate for the Library. The type of personality required would be an outgoing, energetic person who is able to take risks and negotiate programs in a assertive, proactive manner with the administration, faculty, and students for the most productive future Library.

Recommendation Area #2 — Organizational Issues

- #2.1 Establish that the Director will directly report to the Vice President for Academic Affairs.
- #2.2 Create a more effective communication pattern between the Library and other College organizational components.
- #2.3 Enhance the strength of the Library's contribution by placing the Director or members of the future Library staff on curriculum and other campus-wide committees.

Recommendation Area #3 — Collections

- #3.1 The budget for the collections must be increased immediately. Recognizing that it may not be possible to fund the current level of need, a three-year plan during the stabilization process should be developed in conjunction with the Vice President for Finance.
- #3.2 The vision of the Library and its requirements must be specified in a collection development plan which should indicate what would be the focus of the collection, i.e., research or education or a combination thereof.
- #3.3 The concept of budgeting the collection as a "utility" should be explored as

soon as possible with the Vice President for Finance.

- #3.4 The archival function of the collection should be reviewed and supported.
- #3.5 The binding of the collection must be increased.
- #3.6 A liaison program between the Library users and the Library staff should be established and faculty should become active in the decision process for the selection of materials for the Library as well as for improved service program.
- #3.7 A media resources center should be considered as part of the intermediate vision in three to five years.
- #3.8 The budget for the media resources needs of the students and faculty should be added to the Library's collection budget.
- #3.9 The Library collection development policy must acknowledge its free standing college role and the needs for non-medical materials.
- #3.10 Collection integration should occur whether physically or electronically.

Recommendation Area #4 — User Service Program

- #4.1 Review Library hours to determine the possibility of expanded hours during the academic year and the summer.
- #4.2 The decisions about Library hours should be clearly and widely disseminated to the faculty and students.
- #4.3 The reference service function of the Library must be resurrected. A Coordinator of Public Services and at least two professional librarians must be hired, and assigned to service functions, during the first three years of stabilization; another librarian added during the Intermediate Phase; and finally, two additional librarians during the Strategic Phase of development to the area of user services.
- #4.4 Review the options of developing an integrated Library photocopy system with the photocopiers under the control of the Library and the revenue returned to the Library budget in order to support the photocopy service as well as general Library services.
- #4.5 Review options for providing the "how to" training for the various products and services of the Library. Training could be conducted either on a one-on-one basis or in small groups. This effort should begin during the Stabilization Phase of development.
- #4.6 After the stabilization period is complete, an active program by the

reference staff could be offered in order to link the information management skills to the curriculum.

- #4.7 The test management service offered by Study Management and the Library should be reviewed. One option is for copies of the tests to be in both locations — in Study Management in case students require assistance or in the Library for more independent individuals or for those with time available only on weekends or during evening hours.
- #4.8 The Interlibrary Loan staff should be afforded a microcomputer immediately in order to standardize and efficiently maintain its work records and billing procedures.

Recommendations Area #5 — User Links

- #5.1 A Liaison Program for the selection of books and journals should be started as soon as possible.
- #5.2 After the Library has been stabilized, a Liaison Program from the Library to the departments and schools should be implemented.
- #5.3 The Library committee should be encouraged to support the Library both by its advice to the Library Director as to what the users need from the Library and to the College administration as to what the Library needs from the institution.
- #5.4 A student committee should be created or the new Library Director should join a student leadership group on a regular basis in order to share the progress of the Library during the Stabilization Phase and beyond as well as to gather the students' input into the changes that are required.
- #5.5 The College should be commended for beginning a "Friends" group and encourage full implementation of this goal.

Recommendation Area #6 — Communications

- #6.1 The Library must outline a program for communicating with the faculty, staff and students of the Medical College of Ohio. This could include brochures, newsletters, acquisitions lists, exhibits, and special programs.
- #6.2 During the Stabilization Phase, it is important that an open but brief, one-page newsletter-type publication be distributed on a monthly basis to demonstrate the current state of stabilization and turnaround.

Recommendation Area #7 — Physical Facilities and Space

- #7.1 Review the current use of space within the Mulford Library building and develop a plan for the 1990's which fully accommodates the space needs of

the users of the Library and the Library staff for core operations.

- #7.2 It is strongly recommended that, during the stabilization period, the various components of the technical services department of the Library be reunited and relocated to the third level of the Library and, preferably in the space where the graphic artists are now located.
- #7.3 It is suggested that, during the Strategic Phase for the 1990's, that the entire third floor be used for its original purpose — that of the multi-media, fully electronic information age. The consultants feel that this would be an outstanding facility to support problem-based education. It could potentially be open 24 hours a day, yet not require that the Library be open 24 hours a day. It is an excellent place for the computer resources and the Computer Learning Resource Center. This facility could be planned during the Stabilization Phase, executed during the Intermediate Stage, and fully operational and dynamic by the Strategic Phase.
- #7.4 During the Stabilization Phase, the materials stored on the fifth floor should be assessed.
- #7.5 The fifth floor mezzanine houses many broken and unusable materials. By working with the office in charge of inventory at the Medical College of Ohio, many of the items could be taken off of inventory and discarded. Thus, the space that is for the repository back issues would be a less physically hazardous space.

Recommendation Area #8 — Electronic Access

- #8.1 During the Stabilization Phase, review the Library's automation status and begin automation. During the Intermediate Phase, fully automate the Library catalog, as well as the serials holdings.
- #8.2 Medical College of Ohio is in an excellent position to help lead the OHIOLINK effort as it is entitled to one position on the statewide steering committee. Thus, it is recommended that the new Director actively participate in the statewide steering effort and through that participation, strongly encourage that the Medical College of Ohio be one of the sites for implementation of OHIOLINK by 1993 or 1994. This would meet the three stage turnaround process recommended by the consultants and it would also demonstrate to the administration, faculty, staff, and students the power of the Library, as an expanded system, in supporting institutional goals.

Recommendation Area #9 — Academic Computing

- #9.1 That there be a careful future planning of any academic computing activities in conjunction with the Library program.

- #9.2 Convert the third level of the Mulford Library building to accommodate both the Library technical services and academic computing functions.
- #9.3 Plan the media center and academic computing microcomputers to be adjacent as media will be primarily computer interactive in the future.

Recommendation Area #10 — Internal Staff Review

- #10.1 Create an organizational structure within the Library that will acknowledge the responsibilities of each person in each area.
- #10.2 Assess the current Library staff to determine what areas of training, level of function, and job responsibilities there are or could be. For those who are determined to be at a higher level than their current classifications, appropriate re-classification processing should be instituted.
- #10.3 The Library staff is very poorly paid from the Director to the support staff. An investigation of pay scales to bring them into alignment with current practices should begin as soon as possible.
- #10.4 The number of staff in the Library is inadequate. During the stabilization, intermediate and strategic planning stages, numbers of staff should be increased in a progressive fashion.
- #10.5 Develop better internal communications so that everyone knows what is happening and can be an active member within the group.
- #10.6 Develop strategies for effective team building in order to lessen some of the we/they issues.

Recommendation Area #11— Budget

- #11.1 Increase the Library budget to support staff, collections and user-directed services.
- #11.2 Review the State formula for funding Libraries.
- #11.3 Ensure that the Library is receiving the amount of money that is allocated to it.
- #11.4 Investigate a hospital formula to the Library component.
- #11.5 Create a development plan for the Library.
- #11.6 Create a budget to establish a plant fund for capital equipment including furniture and various information technology.
- #11.7 Adopt the philosophy of the Library collection as a "utility" so as to protect it

from inflationary costs while not jeopardizing other Library services programs.

- #11.8 Investigate the creation of special restricted accounts for the Library.
- #11.9 Write a proposal to the National Library of Medicine to support an electronic learning resources center and/or electronic bibliographic conversion.
- #11.10 Develop a five year plan for bringing the Medical College of Ohio Library to its desired fiscal state. The money should be available in four blocks. The first block would come with the recruitment of a new director and would include the full director salary, at least two professional Library staff members, at least two support staff members, and money to support the collection. The second block, during the Stabilization Phase would fund, staffing and collection resources. The next two stages would be developed with the amount of money depending on the goals and objectives of the College.

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Jerome A. Levin, Ph.D.
Associate Dean for
Academic Resources

MEMORANDUM

To: All MCO Faculty and Library Staff

From: Jerome A. Levin, Ph.D.
Associate Dean for Academic Resources
Chairman, Librarian Search Committee

Date: January 16, 1991

Subject: Nominations for the Director of the Mulford Library

We have had an extensive review of our Library functions by two outside consultants and we are responding to their recommendations. In addition, we are beginning to actively solicit names of qualified candidates for the position of Director of the Raymon Mulford Library. Attached is a copy of the advertisement which has been placed in several publications. If you know of any individuals who you feel we should invite to apply for this position, please send me their name and address along with any information that you have to support your nomination.

If you have any questions or general comments about the process of searching for a new Director of the Mulford Library, feel free to call me. I will be happy to discuss this with you.

**THE COPYRIGHT LAW
AND
THE HEALTH SCIENCES
LIBRARIAN**

Revised edition

**Medical Library Association
Chicago, Illinois
1989**

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PREFACE

On October 19, 1976, President Gerald R. Ford signed into law the general revision of the copyright law, Public Law 94-553, marking the end of a long, tedious process to update the outmoded copyright law of 1909. It also marked the beginning of a period of concern and anxiety over varying interpretations of sections of the law, already noted for its ambiguities and inconsistencies.

The Medical Library Association had prepared for implementation of the new law through active membership in the Council of National Library Associations' (CNLA) Committee on Copyright Law Practice and Implementation, which represents the American Library Association, the Association of Research Libraries, the American Association of Law Libraries, the Medical Library Association, the Music Library Association, and the Special Libraries Association.

Along with many other associations, MLA quickly became aware of the need for guidelines to assist librarians. From the many letters asking for guidance, it was apparent to MLA's Legislation Committee (now the Governmental Relations Committee) that the membership found the new law difficult to interpret and apply in specific situations. In 1977, the Board of Directors approved the preparation and distribution of a brochure organized by types of library activities and services. The publication was prepared by a subcommittee of the Legislation Committee, whose members included Nina W. Matheson, Steven L. Sowell, and Martha S. Young. Albert M. Berkowitz, then chief of the Reference Services Division, National Library of Medicine, served as resource person and sounding board to the subcommittee. MLA published *The Copyright Law and the Health Sciences Librarian* in 1978.

Over ten years have passed since the implementation of the revised copyright law. As required by the law, the Register of Copyrights has conducted two five-year reviews for section 108. In general, both reviews concluded that the "balance between the rights of creators and the needs of users" has been maintained. The second review, published in January 1988, stressed the change in focus from concerns about library photocopying, which was the primary issue of the first report, to the impact of new technologies on the maintenance of the balance. The Register concluded that no further review was needed unless it addressed the effects of the new technologies on the statutory balance.

Despite the passage of time and the experience gained in applying the copyright law, questions continue to arise with regard both to photocopying and to more recent developments such as downloading, computer programs, databases, etc. The Medical Library Association takes this opportunity to revise and update its 1978 publication.

Credit should be given to the authors of the original publication, for much of it remains as accurate and relevant today as when it appeared in 1978. Aids to the use of new technologies are included in the appendix.

I. INTRODUCTION

This brochure has been written to assist health sciences librarians apply the new copyright law in their libraries. It is not intended as legal advice, nor is it to serve as a set of rules or procedures. It cannot replace the use of judgment and the application of the test of reason to individual situations. Nor is it the last and final word. Additional advisory statements will be issued from time to time by the MLA, other library associations, and by the CNLA Committee on Copyright Law Practice and Implementation. Watch the *MLA News* and *American Libraries* for current, updated information.

Public Law 94-553 became effective January 1, 1978. Some provisions are ambiguous; they are open to various interpretations about many practices and silent altogether about others. Librarians must be familiar with the law and its implications in order to serve the best interests of the medical community who both use and create knowledge.

This brochure is organized to make the law as accessible as possible to the practicing librarian or technical worker. First, the brochure discusses the pertinent sections of the law and states the responsibilities of the librarian to notify the health sciences community of the broader implications of the law. Next, the guidelines for six service areas are developed: (a) audiovisual materials, (b) collection maintenance, (c) interlibrary loan, (d) photocopy services, (e) reserve collections, and (f) computer software. The guidelines for each service define the service, identify the sections of the law relevant to the service, comment on common practices, and indicate any record-keeping requirements. This results in considerable redundancy, which is intended to spare the reader onerous and constant cross-referencing.

Pertinent sections of the law and two guidelines from the congressional reports on sections 107 and 108(g)(2) are appended. Remember that the guidelines were intended to help interpret the law. They do not carry the force of law. It is not necessarily a violation of the law to exceed their recommendations.

Much of the information contained in this publication was excerpted and extracted from the documents in the appendices. This publication is intended to supplement them and the documents cited in the References and Recommended Reading List.

II. PERTINENT SECTIONS OF THE LAW

The copyright law extends the length of copyright to the life of the author plus fifty years, provides statutory recognition to "fair use" for the first time, and covers both published and unpublished works. It does not set up licensing or royalty payment arrangements for library copying, but states the kinds of copying libraries may do without such arrangements.

Copyright extends to a wide variety of works: literary, musical, dramatic, pantomime and choreographic, pictorial and graphic, sculptural, and audiovisual. Many journals, however, especially those published by scholarly associations, waive their exclusive rights and permit reproduction of articles for non-profit scholarly, research, or teaching purposes without permission. In general, works of the United States government are not protected by copyright (see Appendix A, section 105). Some publications prepared or supported through federal funding may also be free of copyright restrictions (see Appendix D).

Three sections of the law are of particular interest to most librarians: sections 106, 107, and 108.

Section 106 states the five exclusive rights of copyright owners: to reproduce the work, to prepare derivative works (new versions), and to distribute, perform, and display the work publicly. Limitations on these exclusive rights are stated in section 107 through 118. Sections 109 and 111 through 118 are not considered in this document.

Section 107 recognizes the doctrine of fair use. The Senate Committee report on the copyright bill states:

Although the courts have considered and ruled upon the fair use doctrine over and over again, no real definition of the concept has ever emerged. Indeed, since the doctrine is an equitable rule of reason, no generally applicable definition is possible, and each case raising the question must be decided on its own facts. . . . The statement of the fair use doctrine in section 107 offers some guidance to users in determining when the principles of the doctrine apply. However, the endless variety of situations and combinations of circumstances that can arise in a particular case precludes the formulation of exact rules in the statute. The bill endorses the purpose and general scope of the judicial doctrine of fair use, as outlined earlier in this report, but there is no disposition to freeze the doctrine in the statute, especially during a period of rapid technological change. Beyond a very broad statutory explanation of what fair use is and some of the criteria applicable to it, the courts must be free to adapt the doctrine to particular situations on a case-by-case basis. *Section 107 is intended to restate the present judicial doctrine of fair use, not to change, narrow or enlarge it in any way.*

(Editorial emphasis)

According to the statute, "the fair use of a copyrighted work including such use by reproduction in copies . . . for purposes such as criticism, comment, news reporting, teaching (including multiple copies for classroom use), scholarship, or research is not an infringement of copyright." It then specifies the four factors to be considered in determining whether the use made is a fair use: the purpose and character of the use; the nature of the work; the amount and substantiality of the portion used in relation to the work as a whole; and the effect of the use on the potential market for or value of the work.

Section 108 authorizes libraries to engage in certain types of copying in situations other than fair use. The section opens with a statement of the general conditions applicable to all types of copying under the section: that only one copy can be made, and it must be made without any purpose of direct or indirect commercial advantage; that the library's collection be open to the public, or, that the collection be available not only to researchers affiliated with the library, but also to persons doing research in a specialized field; and that the reproduction include a notice of copyright.

The remaining subsections address the following:

- making of a copy of an unpublished work solely for purposes of preservation, security, or deposit in another library for research purposes;
- copying for replacement of a damaged, deteriorating, lost or stolen published item;
- making of a single copy of a single article or small part of work from the library's collection or distributing such a copy obtained through interlibrary loan;
- conditions under which an entire work or a substantial part of it may be copied;
- liability in the case of unsupervised use of reproducing equipment;
- isolated and unrelated versus related, concerted, or systematic reproduction or distribution of a single copy of a work;
- exclusion of pictorial, graphic works, and other audiovisual works from most reproduction and distribution rights; and

VIII. APPENDICES

APPENDIX A.

Copyright Revision Act of 1976, P.L. 94-553.

§ 104. Subject matter of copyright: National origin

- (a) UNPUBLISHED WORKS.— The works specified by sections 102 and 103, while unpublished, are subject to protection under this title without regard to the nationality or domicile of the author.
- (b) PUBLISHED WORKS.— The works specified by sections 102 and 103, when published, are subject to protection under the title if—
 - (1) on the date of first publication, one or more of the authors is a national or domiciliary of the United States, or is a national, domiciliary, or sovereign authority of a foreign nation that is a party to a copyright treaty to which the United States is also a party, or is a stateless person, wherever that person may be domiciled; or
 - (2) the work is first published in the United States or in a foreign nation that, on the date of first publication, is a party to the Universal Copyright Convention; or
 - (3) the work is first published by the United Nations or any of its specialized agencies, or by the Organization of American States; or
 - (4) the work comes within the scope of a Presidential proclamation. Whenever the President finds that a particular foreign nation extends, to works by authors who are nationals or domiciliaries of the United States or to works that are first published in the United States, copyright protection on substantially the same basis as that on which the foreign nation extends protection to works of its own nationals and domiciliaries and works first published in that nation, the President may by proclamation extend protection under this title to works of which one or more of the authors is, on the date of first publication, a national, domiciliary, or sovereign authority of that nation, or which was first published in that nation. The President may revise, suspend, or revoke any such proclamation or impose any conditions or limitations on protection under a proclamation.

§ 105. Subject matter of copyright: United States Government works

Copyright protection under this title is not available for any work of the United States Government, but the United States Government is not precluded from receiving and holding copyrights transferred to it by assignment, bequest, or otherwise.

§ 106. Exclusive rights in copyrighted works

Subject to sections 107 through 118, the owner of copyright under this title has the exclusive rights to do and to authorize any of the following:

- (1) to reproduce the copyrighted work in copies or phonorecords;
- (2) to prepare derivative works based upon the copyrighted work;
- (3) to distribute copies or phonorecords of the copyrighted work to the public by sale or other transfer of ownership, or by rental, lease, or lending;
- (4) in the case of literary, musical, dramatic, and choreographic works, pantomimes, and motion pictures and other audiovisual works, to perform the copyrighted work publicly; and
- (5) in the case of literary, musical, dramatic, and choreographic works, pantomimes, and pictorial, graphic, or sculptural works, including the individual images of a motion picture or other audiovisual work, to display the copyrighted work publicly.

§ 107. Limitations on exclusive rights: Fair use

Notwithstanding the provisions of section 106, the fair use of a copyrighted work, including such use by reproduction in copies or phonorec-

ords or by any other means specified by that section, for purposes such as criticism, comment, news reporting, teaching (including multiple copies for classroom use), scholarship, or research, is not an infringement of copyright. In determining whether the use made of a work in any particular case is a fair use the factors to be considered shall include —

- (1) the purpose and character of the use, including whether such use is of a commercial nature or is for nonprofit educational purposes;
- (2) the nature of the copyrighted work;
- (3) the amount and substantiality of the portion used in relation to the copyrighted work as a whole; and
- (4) the effect of the use upon the potential market for or value of the copyrighted work.

§ 108. Limitations on exclusive rights: Reproduction by libraries and archives

- (a) Notwithstanding the provisions of section 106, it is not an infringement of copyright for a library or archives, or any of its employees acting within the scope of their employment, to reproduce no more than one copy or phonorecord of a work, or to distribute such copy or phonorecord, under the conditions specified by this section, if—
 - (1) the reproduction or distribution is made without any purpose of direct or indirect commercial advantage;
 - (2) the collections of the library or archives are (i) open to the public, or (ii) available not only to researchers affiliated with the library or archives or with the institution of which it is a part, but also to other persons doing research in a specialized field; and
 - (3) the reproduction or distribution of the work includes a notice of copyright.
- (b) The rights of reproduction and distribution under this section apply to a copy or phonorecord of an unpublished work duplicated in facsimile form solely for purposes of preservation and security or for deposit for research use in another library or archives of the type described by clause (2) of subsection (a), if the copy or phonorecord reproduced is currently in the collections of the library or archives.
- (c) The right of reproduction under this section applies to a copy or phonorecord of a published work duplicated in facsimile form solely for the purpose of replacement of a copy or phonorecord that is damaged, deteriorating, lost, or stolen, if the library or archives has, after a reasonable effort, determined that an unused replacement cannot be obtained at a fair price.
- (d) The rights of reproduction and distribution under this section apply to a copy, made from the collection of a library or archives where the user makes his or her request or from that of another library or archives, of no more than one article or other contribution to a copyrighted collection or periodical issue, or to a copy or phonorecord of a small part of any other copyrighted work, if—
 - (1) the copy or phonorecord becomes the property of the user, and the library or archives has had no notice that the copy or phonorecord would be used for any purpose other than private study, scholarship, or research; and
 - (2) the library or archives displays prominently, at the place where orders are accepted, and includes on its order form, a warning of copyright in accordance with requirements that the Register of Copyrights shall prescribe by regulation.
- (e) The rights of reproduction and distribution under this section apply to the entire work, or to a substantial part of it, made from the collection of a library or archives where the user makes his or her request or from that of another library or archives, if the library or archives has first determined, on the basis of a reasonable investigation, that a copy or phonorecord of the copyrighted work cannot be obtained at a fair price, if—

(1) the copy or phonorecord becomes the property of the user, and the library or archives has had no notice that the copy or phonorecord would be used for any purpose other than private study, scholarship, or research; and

(2) the library or archives displays prominently, at the place where orders are accepted, and includes on its order form, a warning of copyright in accordance with requirements that the Register of Copyrights shall prescribe by regulation.

(f) Nothing in this section —

(1) shall be construed to impose liability for copyright infringement upon a library or archives or its employees for the unsupervised use of reproducing equipment located on its premises: *Provided*, That such equipment displays a notice that the making of a copy may be subject to the copyright law;

(2) excuses a person who uses such reproducing equipment or who requests a copy or phonorecord under subsection (d) from liability for copyright infringement for any such act, or for any later use of such copy or phonorecord, if it exceeds fair use as provided by section 107;

(3) shall be construed to limit the reproduction and distribution by lending of a limited number of copies and excerpts by a library or archives of an audiovisual news program, subject to clauses (1), (2), and (3) of subsection (a); or

(4) in any way affects the right of fair use as provided by section 107, or any contractual obligations assumed at any time by the library or archives when it obtained a copy or phonorecord of a work in its collections.

(g) The rights of reproduction and distribution under this section extend to the isolated and unrelated reproduction or distribution of a single copy or phonorecord of the same material on separate occasions, but do not extend to cases where the library or archives, or its employee —

(1) is aware or has substantial reason to believe that it is engaging in the related or concerted reproduction or distribution of multiple copies or phonorecords of the same material, whether made on one occasion or over a period of time, and whether intended for aggregate use by one or more individuals or for separate use by the individual members of a group; or

(2) engages in the systematic reproduction or distribution of single or multiple copies or phonorecords of material described in subsection (d): *Provided*, That nothing in this clause prevents a library or archives from participating in interlibrary arrangements that do not have as their purpose or effect, that the library or archives receiving such copies or phonorecords for distribution does so in such aggregate quantities as to substitute for a subscription to or purchase of such work.

(h) The rights of reproduction and distribution under this section do not apply to a musical work, a pictorial, graphic or sculptural work, or a motion picture or other audiovisual work other than an audiovisual work dealing with news, except that no such limitation shall apply with respect to rights granted by subsections (b) and (c), or with respect to pictorial or graphic works published as illustrations, diagrams, or similar adjuncts to works of which copies are reproduced or distributed in accordance with subsections (d) and (e).

(i) Five years from the effective date of this Act, and at five-year intervals thereafter, the Register of Copyrights, after consulting with representatives of authors, book and periodical publishers, and other owners of copyrighted materials, and with representatives of library users and librarians, shall submit to the Congress a report setting forth the extent to which this section has achieved the intended statutory balancing of the rights of creators, and the needs of users.

The report should also describe any problems that may have arisen, and present legislative or other recommendations, if warranted.

§ 110. Limitations on exclusive rights: Exemption of certain performances and displays

Notwithstanding the provisions of section 106, the following are not infringements of copyright:

(1) performance or display of a work by instructors or pupils in the course of face-to-face teaching activities of a nonprofit educational institution, in a classroom or similar place devoted to instruction, unless, in the case of a motion picture or other audiovisual work, the performance, or the display of individual images, is given by means of a copy that was not lawfully made under this title, and that the person responsible for the performance knew or had reason to believe was not lawfully made.

§ 504. Remedies for infringement: Damages and profits

(a) **IN GENERAL**—Except as otherwise provided by this title, an infringer of copyright is liable for either—

(1) the copyright owner's actual damages and any additional profits of the infringer, as provided by subsection (b); or

(2) statutory damages, as provided by subsection (c).

(b) **ACTUAL DAMAGES AND PROFITS**.—The copyright owner is entitled to recover the actual damages suffered by him or her as a result of the infringement, and any profits of the infringer that are attributable to the infringement and are not taken into account in computing the actual damages. In establishing the infringer's profits, the copyright owner is required to present proof only of the infringer's gross revenue, and the infringer is required to prove his or her deductible expenses and the elements of profit attributable to factors other than the copyrighted work.

(c) **STATUTORY DAMAGES**.—

(1) Except as provided by clause (2) of this subsection, the copyright owner may elect at any time before final judgment is rendered, to recover, instead of actual damages and profits, an award of statutory damages for all infringements involved in the action, with respect to any one work, for which any one infringer is liable individually, or for which any two or more infringers are liable jointly and severally, in a sum of not less than \$250 or more than \$10,000 as the court considers just. For the purposes of this subsection, all the parts of a compilation of derivative work constitute one work.

(2) In a case where the copyright owner sustains the burden of proving, and the court finds that infringement was committed willfully, the court in its discretion may increase the award of statutory damages to a sum of not more than \$50,000. In a case where the infringer sustains the burden of proving, and the court finds, that such infringer was not aware and had no reason to believe that his or her acts constituted an infringement of copyright, the court in its discretion may reduce the award of statutory damages to a sum of not less than \$100. The court shall remit statutory damages in any case where an infringer believed and had reasonable grounds for believing that his or her use of the copyrighted work was a fair use under section 107, if the infringer was: (i) an employee or agent of a nonprofit educational institution, library, or archives acting within the scope of his or her employment who, or such institution, library, or archives itself, which infringed by reproducing the work in copies or phonorecords; or (ii) a public broadcasting entity which or a person who, as a regular part of the nonprofit activities of a public broadcasting entity (as defined in subsection (g) of section 118) infringed by performing a published nondramatic literary work or by reproducing a transmission program embodying a performance of such a work.

§ 505. Remedies for infringement: Costs and attorney's fees

In any civil action under this title, the court in its discretion may allow the recovery of full costs by or against any party other than the United States or an officer thereof. Except as otherwise provided by this title the court may also award a reasonable attorney's fee to the prevailing party as part of the costs.

§ 506. Criminal offenses.

- (a) **CRIMINAL INFRINGEMENT.** Any person who infringes a copyright willfully and for purposes of commercial advantage or private financial gain shall be fined not more than \$10,000 or imprisoned for not more than one year, or both: *Provided, however,* That any person who infringes willfully and for purposes of commercial advantage or private financial gain the copyright in a sound recording afforded by subsections (1), (2), or (3) of section 106 or the copyright in a motion picture afforded by subsections (1), (3), or (4) of section 106 shall be fined not more than \$25,000 or imprisoned for not more than one year, or both, for the first such offense and shall be fined not more than \$50,000 or imprisoned for not more than two years, or both, for any subsequent offense.

APPENDIX B.

Agreement on Guidelines for Classroom Copying in Not-For-Profit Educational Institutions with Respect to Books and Periodicals.

The purpose of the following guidelines is to state the minimum and not the maximum standards of educational fair use under Section 107 of H.R. 2233. The parties agree that the conditions determining the extent of permissible copying for educational purposes may change in the future; that certain types of copying permitted under these guidelines may not be permissible in the future; and conversely that in the future other types of copying not permitted under these guidelines may be permissible under revised guidelines.

Moreover, the following statement of guidelines is not intended to limit the types of copying permitted under the standards of fair use under judicial decision and which are stated in Section 107 of the Copyright Revision Bill. There may be instances in which copying which does not fall within the guidelines stated below may nonetheless be permitted under the criteria of fair use.

— Guidelines —

I. SINGLE COPYING FOR TEACHERS:

A single copy may be made of any of the following by or for a teacher at his or her individual request for his or her scholarly research or use in teaching or preparation to teach a class:

- A. A chapter from a book;
- B. An article from a periodical or newspaper;
- C. A short story, short essay or short poem, whether or not from a collective work;
- D. A chart, graph, diagram, drawing, cartoon or picture from a book, periodical, or newspaper.

II. MULTIPLE COPIES FOR CLASSROOM USE:

Multiple copies (not to exceed in any event more than one copy per pupil in a course) may be made by or for the teacher giving the course for classroom use or discussion; *provided that*:

- A. The copying meets the tests of brevity and spontaneity as defined below:
and,
- B. Meets the cumulative effect test as defined below;
and,
- C. Each copy includes a notice of copyright.

DEFINITIONS

Brevity:

- i. Poetry: (a) A complete poem if less than 250 words and if printed on not more than two pages or (b) from a longer poem, an excerpt of not more than 250 words.
- ii. Prose: (a) Either a complete article, story or essay of less than 2,500 words, or (b) an excerpt from any prose work of not more than 1,000 words or 10% of the work, whichever is less, but in any event a minimum of 500 words.
[Each of the numerical limits stated in "i" and "ii" above may be expanded to permit the completion of an unfinished line of a poem or of an unfinished prose paragraph.]
- iii. Illustration: One chart, graph, diagram, drawing, cartoon or picture per book or per periodical issue.
- iv. "Special" works: Certain works in poetry, prose or in "poetic prose" which often combine language with illustrations and which are intended sometimes for children and at other times for a more general audience fall short of 2,500 words in their entirety. Paragraph "ii" above notwithstanding such "special works" may not be reproduced in their entirety; however, an excerpt comprising not more than two of the published pages of such special work and

containing not more than 10% of the words found in the text thereof, may be reproduced.

Spontaneity:

- i. The copying is at the instance and inspiration of the individual teacher, and
- ii. The inspiration and decision to use the work and the moment of its use for maximum teaching effectiveness are so close in time that it would be unreasonable to expect a timely reply to a request for permission.

Cumulative Effect:

- i. The copying of the material is for only one course in the school in which the copies are made.
- ii. Not more than one short poem, article, story, essay or two excerpts may be copied from the same author, nor more than three from the same collective work or periodical volume during one class term.
- iii. There shall not be more than nine instances of such multiple copying for one course during one class term.

[The limitations stated in "ii" and "iii" above shall not apply to current news periodicals and newspapers and current news sections of other periodicals.]

III. PROHIBITIONS AS TO I AND II ABOVE:

Notwithstanding any of the above, the following shall be prohibited:

A. Copying shall not be used to create or to replace or substitute for anthologies, compilations or collective works. Such replacement or substitution may occur whether copies of various works or excerpts therefrom are accumulated or are reproduced and used separately.

B. There shall be no copying of or from works intended to be "consumable" in the course of study or of teaching. These include workbooks, exercises, standardized tests and test booklets and answer sheets and like consumable material.

C. Copying shall not:

- a. substitute for the purchase of books, publisher's reprints or periodicals;
- b. be directed by higher authority;
- c. be repeated with respect to the same item by the same teacher from term to term.

D. No charge shall be made to the student beyond the actual cost of the photocopying.

AGREED

March 19, 1976

AD HOC COMMITTEE ON
COPYRIGHT LAW REVISION

By Sheldon Elliott Steinbach

AUTHOR-PUBLISHER
GROUP

AUTHORS LEAGUE OF
AMERICA

By Irwin Karp, Counsel
ASSOCIATION OF
AMERICAN
PUBLISHERS, INC.

By Alexander C. Hoffman,
Chairman
Copyright Committee

CURRICULUM VITAE

PERSONAL INFORMATION

Name: DiDio, Liberato John A., M.D., D.Sc., Ph.D.
Home Address: 3563 Edgevale Road
Toledo, Ohio 43606-2638, USA
Home Telephone: (419) 535-1120
Business Address: Medical College of Ohio
P.O. Box 10008
Toledo, Ohio 43699-0008, USA
Business Telephone: (419) 381-4448/4260/4494/4223
Fax: (419) 382-8842 or (419) 385-6351
Soc. Sec. No. 351-40-8479

EDUCATION AND TRAINING

1939	B.S. University of Sao Paulo, Sao Paulo, Brazil (Summa cum Laude)
1945	M.D. Fac. Med., University of Sao Paulo, Sao Paulo, Brazil (Summa cum Laude)
1949	D.Sc. (Anatomy) Fac. Med., University of Sao Paulo, Sao Paulo, Brazil (Summa cum Laude)
1951	Ph.D. (Anatomy) Fac. Med., University of Sao Paulo, Sao Paulo, Brazil (Summa cum Laude)
1944-1945	Intern (Tropical Medicine), Resident (Surgery), University Hospital, Fac. Med., University of Sao Paulo, Sao Paulo, Brazil
1950	Postdoctoral Training in Embryology, University of Sao Paulo
1960-1961	Postdoctoral Training in Electron Microscopy and Study of Medical Education. Department of Anatomy, School of Medicine, University of Washington (Seattle); Department of Cytology, Rockefeller University (New York); Department of Anatomy, Harvard Medical School (Boston)

- 1958 Visiting Professor, University of Parma Medical School,
Department of Anatomy, Parma, Italy (for training in and
research on the lymphatic system)
- 1960-1961 Visiting Professor of Anatomy and Rockefeller Foundation
Fellow, University of Washington School of Medicine in
Seattle (for training in electron microscopy under advisor
Dr. H. Stanley Bennett and study of medical education)
- 1961 Guest Investigator, Rockefeller Institute for Medical
Research, New York (for continuing training in electron
microscopy under advisor Dr. George Palade), with a
fellowship from the Rockefeller Foundation
- 1961 Guest Investigator, Harvard University Medical School,
Department of Anatomy, Boston (for continuing training in
electron microscopy under advisor Dr. D. W. Fawcett and
study medical education), with a fellowship from the
Rockefeller Foundation
- 1982-1983 Visiting Professor, University of Sao Paulo Faculty of
Medicine, Department of Surgery, Sao Paulo, Brazil (to
teach Applied Anatomy and for medical research)
- 1989-1990 Visiting Professor, Medizinische Universität zu Lübeck,
Lübeck, Germany
- 1990 Visiting Professor, Department of Human Normal Anatomy,
Università "La Sapienza", Rome, Italy
- 1991 Visiting Professor, Department of Morphology, Escola Paulista
de Medicina, São Paulo, Brazil

HONORS AND AWARDS

Montenegro Awards as top student in the six-year course of Medical
School (1940,41,42,43,44,45).

Zerrenner Award as top student in the sophomore year (1941).

Bovero Award for best paper in Anatomy written by a student (1942).

Gomes Award for best paper in Physiology written by a student (1943).

Rockefeller Foundation Award as top student in the basic medical
sciences (1945).

Forensic Medical Society of Sao Paulo Award for top student in the
Department of Legal Medicine (1945).

Xavier Award as top student in the senior year (1945).

LaRoyale Award as top student in the entire medical course (1945).

Bovero Prizes for best annual paper in Anatomy written in Brazil (1949,
1952).

Alvarenga Prize to the author of the best scientific paper of the year
in any field of Medicine, given by the Brazilian Academy of Medicine
(1956).

Order of Merit in Medicine, Great Official, of the Republic of Brazil
(1957).

Medal of Scientific Merit of the State of Minas Gerais, Brazil (1958).

Star of Solidarity--(First Class) - Knight Commander - of the Republic of
Italy (1958).

Medal for Cultural Merit of the Republic of Italy (1963).

Great Medal of Inconfidencia for scientific achievement from the
Government of Minas Gerais, Brazil (1966).

"Dr. C. Fernandes" Medal, New Bedford, Massachusetts (1967).

Marble Plaque from the Instituto Nacional de Neurologia, Mexico City
(1967).

Anatomist of the Year Award, Fifth International Symposium on the Morphological Sciences (1982).

Professor Honoris Causa, School of Medical Sciences, Belo Horizonte, Brazil (1982).

Special Guest and Keynote Speaker, 78th Congress of the Anatomische Gesellschaft, Florence, Italy (1983).

Special Guest and Keynote Speaker, V Brazilian Congress of Geriatrics and Gerontology, Sao Paulo, Brazil (1984).

Honorary President, VI International Symposium on the Morphological Sciences, Lisbon, Portugal (1984).

Anatomist of the year Award, Sixth International Symposium on the Morphological Sciences, Lisbon, Portugal (1984).

Special Guest and Keynote Speaker, Seventh European Congress of Anatomy, Innsbruck, Austria (1984).

Honorary Member, Golden Key National Honor Society, Bowling Green State University Chapter, Bowling Green, Ohio (1984).

Awards from Educational Commission on Foreign Medical Graduates, Washington, D.C. (1984, 85, 86, 97, 88, 89, 90).

Special Guest and Keynote Speaker, 80th Congress of the Anatomische Gesellschaft and 28th Congress of the Czechoslovak Anatomical Society, Prague, Czechoslovakia (1985).

Honorary President and Keynote Speaker, 14th Congress of the Brazilian Society of Anatomy, Vitoria, Espirito Santo, Brazil (July 21-26, 1985).

Secretary General by acclamation at the Plenary Session of the International Federation of Associations of Anatomists, during the XII Federative International Anatomical Congress, London, England, United Kingdom (August 11-17, 1985).

International Institute Silver Award, Toledo, Ohio (January 31, 1986).

Councilor, Heart Institute, Faculdade de Medicina, University of Sao Paulo, Brazil for contributions to the scientific development of Brazil (May 5, 1986).

Plaque of recognition for distinguished science and excellence from the Association of International Physicians of Northwestern Ohio (June 13, 1986).

Special Guest and Keynote Speaker, Italian Congress of Anatomy, Torino (September 26 - October 2, 1986).

Guest Speaker to deliver the Aula Magna of 1986 at the University of Florence, Italy and recipient of the "Salomon Rex Sapientissimus" Medal (October 4, 1986).

President of the International Federation of Associations of Anatomists (December 1, 1986 - August 11, 1989).

The Liberato J. A. DiDio Award for excellence in Graduate Research was established by the Graduate School of the Medical College of Ohio (1987).

Doctor Honoris Causa, New University of Lisbon, Portugal (March 2, 1987).

Special Guest, Anatomische Gesellschaft Congress, 1st Centennial Celebration, Leipzig, East Germany (April 11-14, 1987).

Special Guest and Keynote Speaker, Congress of the "Association des Anatomistes", Thessaloniki, Greece (May 21-24, 1987).

Special Guest and Keynote Speaker, Congress of the "Societa' Italiana di Anatomia", Siena, Italy, and recipient of the University of Siena medal to celebrate the VIII century of its foundation (September 27 - October 1, 1987).

Honorary President, X International Symposium on Morphological Sciences, Toronto, Ontario, Canada (July 1-5, 1991).

HONORARY POSITIONS

Association of Anatomists and Pathologists of Chile (1956).
Great Official of the Order of Merit in Medicine of the Brazilian Republic (1957).
Honorary Citizenship of Belo Horizonte for cultural and scientific achievements, Brazil (1963).
Honorary Member of the I Pan American Congress of Anatomy, Mexico City, Mexico (1966).
Honorary Member of the Ecuadorian Society of Morphological Sciences, Guayaquil, Ecuador (1968).
Honorary Member of the Toledo Dental Society, Toledo, Ohio (1970).
Honorary Citizen of the City of New Orleans (Louisiana), bestowed by the Mayor of New Orleans (1972).
Honorary President, Pan American Association of Anatomy (1972); IV Pan American Congress of Anatomy, Montreal, Canada (1975); V Pan American Congress of Anatomy, Sao Paulo, Brazil (1978); VI Pan American Congress of Anatomy, Buenos Aires, Argentina (1981); VII Pan American Congress of Anatomy, Punta del Este, Uruguay (1984); VIII Pan American Congress of Anatomy, Santiago, Chile (October 25-30, 1987), IX Pan American Congress of Anatomy, Trujillo, Peru (October 21-26, 1990).
Honorary Member, Israel Society for Anatomical Sciences, Israel (1980).
Honorary Member, Chilean Society of Anatomy, Santiago, Chile (1980) and Honorary Professor, Catholic University of Chile, Santiago (1980).
Honorary Member, Development Committee, Ohio Academy of Science, Columbus, Ohio (1980).
Honorary Member, Council of the Parana'-Ohio Partners of the Americas, Curitiba, Parana', Brazil (1981).
Diploma, Faculdade de Ciencias Medicas de Minas Gerais, Belo Horizonte, for outstanding service to the institution, Brazil (1982).
Honorary President, V International Symposium on the Morphological Sciences, Rio de Janeiro, Brazil (1982).
Honorary Member, Peruvian Society of Anatomy, Trujillo, Peru (1983).
Honorary Member, Association des Anatomistes, Paris, France (1983).
Honorary President, VI International Symposium on the Morphological Sciences, Lisbon, Portugal (1984).
Honorary President, VII International Symposium on the Morphological Sciences, Brussels, Belgium (1986).
Honorary President, II Annual Congress on Human Morphology, Peruvian Society of Anatomy, Trujillo, Peru (November 23-27, 1986).
Honorary Member, Academy of Science J. E. Purkinje, Charles University, Prague, Czechoslovakia (April 21, 1987).
Honorary Member, Academy of History of Medicine of Minas Gerais, Belo Horizonte, Brazil (November 3, 1987).
Honorary Member, Brazilian Society of Geriatrics and Gerontology, Belo Horizonte, Brazil (November 3, 1987).
Grand Marshal for Convocation and Graduation, Medical College of Ohio (1986-).
Honorary President, VIII International Symposium on the Morphological Sciences, Rome, Italy (July 10-15, 1988).

Italian Society of Histochemistry (founder)
 Medical Society, Alpha Omega Alpha (1978)
 Midwest Anatomists Association (Secretary 1965-70; President 1972-73 and
 President 1980-81)
 New York Academy of Sciences, Fellow (1953)
 Ohio Academy of Medical History
 Ohio Academy of Science, fellow (1972), Vice-President (1974-75),
 Member, Executive Committee (1975-81), President (1979-80)
 Pan American Association of Anatomy (founder and representative of the
 American Association of Anatomists, 1966-73); President (1969-72);
 Honorary President (1975-)
 Pan American Medical Association, Councilor and President of the Section
 on Clinical and Surgical Anatomy (1977-)
 Phi Chi Medical Fraternity, Kappa Rho Chapter, Chicago, Illinois
 Phi Kappa Phi Honor Society, Distinguished Member, University of Toledo
 Chapter (1975)
 Sigma Xi Scientific Research Society, Medical College of Ohio Club
 (President, 1988)
 Societa' Italiana di Biologia Sperimentale (1972)
 Societe' d'Anthropologie de Paris
 Society of the Sigma Xi, Medical College of Ohio (Secretary 1972-74,
 President 1988)

PROFESSIONAL ACTIVITIES

Member of the Committee on Financial Affairs of the University of Minas
 Gerais Medical School, Brazil (1955,56,59)
 Member of the National Council of Scientific Research of Brazil (1956-
 1963)
 Member of the Committee on Medical Education at the University of Minas
 Gerais Medical School, Brazil (1957-58)
 Delegate of Brazil to the International Congress for Electron
 Microscopy, Philadelphia, Pennsylvania (1962)
 Member of the Committee on University reform at the University of Minas
 Gerais, Brazil (1963)
 Member of Neurobiology Committee, Northwestern University Medical School
 (1964)
 Representative of Northwestern University Medical School to the
 Demonstrators' Association (1964-67)
 Member of the University Senate, Northwestern University (1964-67)
 Delegate of the American Association of Anatomists to the Eighth
 International Congress of Anatomy for Anatomical Nomenclature,
 Wiesbaden, Germany (supported by the National Institutes of Health,
 1965)
 Official Delegate of the American Association of Anatomists to the I Pan
 American Congress of Anatomy, Mexico City, Mexico (1966) and to the
 meeting for the foundation of the Pan American Association of Anatomy
 Co-Chairman of the Session on Embryology, I Pan American Association of
 Anatomy, Mexico City, Mexico (July 26, 1966)
 Chairman of the Sectional Meeting of the Chicago Heart Association on
 "Ultrastructure of the Heart," University of Chicago, Chicago,
 Illinois (May 1, 1967)
 Adjunct Professor, Department of Biology, Bowling Green State University
 (1967-1988)

Convener and Chairman, Inter-Institutional Committee for Graduate Education in Northwest Ohio (Bowling Green State University, Medical College of Ohio, The University of Toledo, 1973-74)
 President, Midwest Anatomists Association (1973) and President of the Annual Meeting, Toledo, Ohio (October 19-21, 1973)
 Membership Chairman in the Medical Sciences Division, The Ohio Academy of Science (1973-74) and Fellows Nominating Committee (1975-80)
 Co-Chairman, Symposium on Organismal Motility, The Ohio Academy of Science (1973)
 Co-Chairman, Session on Medical Sciences, The Ohio Academy of Science (1974)
 Vice-President, Medical Sciences Section, The Ohio Academy of Science (1974-1975)
 Chairman, Medical Sciences Section of Scientific Program, 84th Annual Meeting, The Ohio Academy of Science, Granville, Ohio (April 24-26, 1975)
 Chairman, Symposium on "Medicine of the Future," 84th Annual Meeting, The Ohio Academy of Science, Granville, Ohio (April 25, 1975)
 Member of Panel to evaluate papers on projects on futurology, Miami University, Oxford, Ohio (1975)
 Advisor and Consultant to the Pan American Health Organization Textbook Program, Washington, D.C. (1976)
 Invited Speaker, Twenty-Fifth Congress of the Pan American Medical Association ("Disease Influencing Art"), Hollywood, Florida (1976)
 Chairman of Session II, Midwest Anatomists Association Meeting, Ann Arbor, Michigan (October 1976)
 Invited Speaker, Pan American Medical Association, Golden Anniversary Congress, Hollywood, Florida (October 1976)
 Member, Symposium on "Religion and Medicine" (Religion and the Anatomical Sciences), 85th Annual Meeting, The Ohio Academy of Science, Miami University, Oxford, Ohio (April 1976)
 Member Symposium on "Pediatrics for the Practicing Physician" (Anatomy from the Pediatric Standpoint), Medical College of Ohio, Toledo (September 17-19, 1976)
 Invited to Directorship of the Regional Medical Library for Latin America by the Pan American Health Organization, World Health Organization (1976)
 Member, Board of Trustees, Siena Heights College, Adrian, Michigan (1978-1988)
 Member, International Organizing Committee, Third International Symposium on the Morphological Sciences, Tel Aviv, Israel (1978)
 President, Fourth International Symposium on the Morphological Sciences, Toledo, Ohio, USA (1979)
 President, Ohio Academy of Science (1979-1980) and Banquet Speaker (1980)
 Member, International Organizing Committee, XI International Congress of Anatomy, Mexico City, Mexico (1980)
 Secretary, International Federation of Associations of Anatomists (1980-1985)
 Invited Speaker, International Symposium on Scanning Electron Microscopy in Cell Biology and Medicine, Kyoto, Japan (May 1980)
 Chairman, Ohio Board of Regents Advisory Committee on Graduate Study, Columbus, Ohio (1980-1981)

Invited Speaker, University of Padua, Italy, to deliver lecture on
 "Clinical Application of Anatomical Variations" (March 29, 1988)
 Chairman, Session on Morphodynamics of the Gastroenteric Tract, VIII
 International Symposium on Morphological Sciences, Rome, Italy (July
 12, 1988)
 Chairman, Session on Teaching and Learning in Anatomy, VIII
 International Symposium on Morphological Sciences, Rome, Italy (July
 13, 1988).
 Chairman of the 1988 Medical College of Ohio (College Division), United
 Way Campaign (August 8, 1988).
 Chairman, MCO Faculty Club, organizing committee (January 2, 1988),
 President of Founding Committee (October 7, 1988) and President
 (1989-1991).
 Master of Ceremonies, Medical College of Ohio Faculty Club dedication
 (October 9, 1988).
 Chairman, Session on Vessels and Lymphatic Organs, 84. Versammlung der
 Anatomischen Gesellschaft, Ulm, West Germany (March 20, 1988).
 Invited Lecturer, Course on Scientific Methodology, University of Sao
 Paulo, Brazil (November 20-December 6, 1989).
 Invited Speaker, Anatomische Gesellschaft Congress, Munich (April 1-3,
 1990).
 Foreign Examiner, Evaluation of candidate for the position of Professor of
 Anatomy, University of Sao Paulo Faculty of Veterinary Medicine, Brazil
 (August 15, 1990).
 Co-chairman, session on Immunocytochemistry, National Congress of the
 Italian Society of Anatomy, Bologna, Italy (September 26, 1990).
 Member, Library Committee, Medical College of Ohio (February 1991-).
 Invited Speaker, special lecture on "Anatomy of Beauty and its Importance
 in Plastic Surgery", Royal Academy of Medicine, Madrid, Spain (February
 12, 1991).
 Invited Speaker, course on "Surgical Anatomy of the Female Genital System"
 to specialists in Gynecology and Obstetrics, Università "La Sapienza",
 Rome, Italy (February, 1991).
 Invited Speaker, course on "Anatomy of the Female Genital System" and on
 the "Male Genital System" to the medical students, Institute of Normal
 Human Anatomy, University "La Sapienza", Rome, Italy (March, 1991).
 Invited Speaker, Symposium on "3-D Microanatomy of Cells and Tissues by
 Scanning Electron Microscopy" in honor of Professor Keichii Tanaka,
 presenting "A tribute to Prof. K. Tanaka, Anatomist and Artist" and
 "Artistic and Scientific Aspects of Electron Microscopy", at the X
 International Symposium on Morphological Sciences, Toronto, Ontario,
 Canada (July 1-5, 1991).

ABSTRACTOR

Biological Abstracts

Excerpta Medica

LANGUAGES

English, Portuguese, Italian, Spanish, French

MILITARY POSITION

Reserve, Infantry (1938)

Diplomate, Graduated (Science and Technology) from the National College of War, Rio de Janeiro, Brazil (1957)

CURRENT SCIENTIFIC RESEARCH

1. Electron microscopic investigations on myocardium under normal, experimental and pathologic conditions.
2. Subcellular structure of the normal and neoplastic prostate.
3. Coronary circulation. Cardiac segments and subsegments.
4. Aging.
5. Electron microscopic evaluation of cardiac valve bioprotheses in humans.
6. Biology of Praomys and hummingbirds.
7. Subcellular alterations induced by amiodarone.

ACADEMIC ADVISOR

Chairmanship theses: 4

Doctor of Philosophy dissertations: 42

Master of Science/Arts theses: 31

LECTURESHIPS

Regional Lecturer for Sigma Xi - RESA (1971-74)

BIOGRAPHY IN

American Men and Women of Science

Community Leaders of America

Dictionary of International Biography

Outstanding Educators of America

The Blue Book. Leaders of the English-Speaking World

Who's Who in America

Who's Who in the Midwest

Who's Who in the World

International Directory of Distinguished Leadership

Personalities of the West and Midwest (USA)

13. DiDio, L.J.A. "Anatomy of the 'Pylori' (Sphincters) of the Digestive System." Part I, Revista de Medicina, 32 (177-180):273-180, 1948; Part II, Revista de Medicina, 33(181-182):43-61, 1949. Republished in Revista do Hospital Nossa Senhora Aparecida, 3:55-104, 1950.
14. DiDio, L.J.A. "Anatomical Study of Normal and Pathologic Structures on the Inner Surface of the Left Common Iliac Vein." Arquivos de Cirurgia Clinica e Experimental, 12:507-616, 1949. (A. Bovero Award, Gold Medal) (M.S. Thesis)
15. DiDio, L.J.A. "Valves of the Common Iliac Veins in Whites, Negroes and Mulattoes." Revista do Hospital Nossa Senhora Aparecida, 4:343-359, 1951.
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36. "The Pylori of the Digestive System." Surgical Seminars Series, Maumee Valley Hospital, Toledo, Ohio, 1969.
37. "Applied Anatomy of the Conductive System of the Heart." Regional Medical Program, The Toledo Hospital, Toledo, Ohio, 1969.
38. "Localized Disease of the Kidneys." Basic Science Seminar series, The Kidneys, sponsored by the Northwestern Ohio Institute for Continuing Medical Education and the Medical College of Ohio, The Academy of Medicine of Toledo and Lucas County, Toledo, Ohio 1969.

63. "Art and Medicine." Sigma Xi Club, Bowling Green State University, Bowling Green, Ohio, 1972.
64. "Art and Medicine." Medical Technicians Association, St. Vincent Hospital and Medical Center, Toledo, Ohio, 1973.
65. "Functional Anatomy of the Hepatobiliary System." Department of Surgery Education Program, Medical College of Ohio, Toledo, 1973.
66. "Law and Medicine." Cardinal Stritch High School, Oregon, Ohio, 1973.
67. "Art, Music, and Medicine." Sigma Xi Club, University of Toledo, Ohio, 1973.
68. "The Position and Importance of Anatomy in Modern Medical Curricula." Second International Symposium on the Teaching of Anatomy, University of Cordoba, Argentina, 1973 (Gold Medal).
69. "The Importance of Body Donation." Rap with Irwin Young, WOHO Radio, Toledo, Ohio 1973.
70. "The Significance of Body Donation in a Modern Society." Dedication Ceremony, Woodlawn Cemetery, Toledo, Ohio, 1973.
71. "History of Anatomy and Medicine." Orientation lecture to freshman medical students. Medical College of Ohio, Toledo, 1973.
72. "The Pineal Gland and the Subcommissural Organ. Anatomical and Physiological Aspects." Sigma Xi-RESA Regional Lecture, Oberlin College, Oberlin, Ohio, 1973.
73. "Electron Microscopy of Myocardium." American Heart Association, Fulton County Branch, Ohio, 1974.
74. "Anatomy and Physiology of the Cardiovascular System." Lecture for nurses in intensive care. Medical College of Ohio, Toledo, 1974.
75. "Current Problems in Medical Research." American Society of Mechanical Engineers, Medical College of Ohio, Toledo, 1974.
76. "Art and Science." Toledo Art Group, Toledo, Ohio, 1974.
77. "Medical Research." Master of Ceremonies, Junior Science Research Symposium, University of Toledo, Ohio, 1974.
78. "Art, Music, and Medicine." Alpha Zeta Omega, Professional Pharmacy Fraternity, The University of Toledo, Ohio, 1974.
79. "Clinical Importance of Anatomic Variations." Seneca County Medical Society, Tiffin, Ohio, 1974.
80. "The Importance of Body Donation." WCWA Radio Interview, Toledo, Ohio, 1974.
81. "Pericardium and Conduction System of the Heart." Medical Grand Rounds, Medical College of Ohio, Toledo, 1974.
82. "The Social and Medical Aspects of Body Donation." WSPD Radio Interview, 1974.
83. "Clinical Anatomy of the Female Genital Organs." Obstetrics and Gynecology Seminars in Residency Program, Medical College of Ohio, Toledo, 1974.
84. "Legal Aspects of Body Donation." Department of Physical Education, University of Toledo, Ohio, 1974.
85. "Clinical and Surgical Anatomy of the Breast." Obstetrics and Gynecology Seminars in Residency Program, Medical College of Ohio, Toledo, 1974.
86. "The Relationship Between Art and Medicine." Torch Club, Toledo, Ohio, 1974.
87. "Body Donation for Scientific Purposes." Medical Technologists Society, Medical College of Ohio, 1974.
88. "How the Medical College of Ohio may Relate to the Community." Defiance Hospital, 1974.

115. "The Anatomical Background for Partial Hepatectomy." Fifth Pan American Congress of Anatomy, Sao Paulo, Brazil, 1978.
116. "Surgical Anatomy of the Cardiac Conduction System." St. Vincent Hospital Symposium, Toledo, Ohio, 1979.
117. "Electron Microscopy of the Cardiac Conduction System." Department of Internal Medicine, Medical College of Ohio, 1979.
118. "Anatomical Gifts. Legal Issues and the Elderly." Continuing Education Program, College of Law, The University of Toledo, 1979.
119. "Memorial Lecture for Professor R. Locchi (1896-1978)." Congress of Anatomy, Madeira, Portugal, 1979.
120. "Perspectives in the Morphological Sciences." Fourth International Symposium on the Morphological Sciences, Toledo, Ohio, 1979.
121. "Art, Religion, and Science." Pharmacy Honor Society, University of Toledo, 1979.
122. "Electron Microscopy of Ovulation." Congress on Human Reproduction, Londrina, Brazil, 1979.
123. "Normal and Artificial Erection. Functional Anatomy of Ejaculation." Congress on Human Reproduction, Londrina, Brazil, 1979.
124. "History of the Medical College of Ohio." Satellites of the Medical College of Ohio, 1980.
125. "Highlights of a Scientific Career." Presidential Address, Annual Meeting of the Ohio Academy of Science, Toledo, Ohio, 1980.
126. "Evaluation in Medical Education." International Forum on Evaluation and Research in Education, Brasilio Machado Neto Institute, Sao Paulo, Brazil, 1980.
127. "Aquisiciones Recientes en Anatomia de la Circulacion Coronaria." Tercer Encuentro Nacional de Anatomistas, Facultad de Medicina, Pontificia Universidad Catolica de Chile, Santiago, Chile, August 7, 1980.
128. "Ensenanza de la Anatomia Macroscopica en Estados Unidos." Tercer Encuentro Nacional de Anatomistas, Facultad de Medicina Pontificia Universidad Catolica de Chile, Santiago, Chile, August 8, 1980.
129. "Innovations in Medical Education." Brazilian Association of Women Physicians, University of Sao Paulo School of Medicine, 1980.
130. "Integrated Curricula and Educational Evaluation." University of Uberlandia, Minas Gerais, Brazil, 1981.
131. "Clinical Applications of Anatomical Variations." Escola Paulista de Medicina, Sao Paulo, Brazil, 1981.
132. "Anatomy and Clinical Pastoral Care." Clinical Pastoral Care Program, Medical College of Ohio, Toledo, Ohio, 1981.
133. "The Beauty of Aging." Symposium on Senility, Geriatric-Gerontology Program, Medical College of Ohio, Toledo, Ohio, 1981.
134. "Electron Microscopy of Prosthetic Dural Cardiac Valves." University of Parma, Italy, 1981.
135. "Art, Medicine, and Religion." University of Parma, Italy, 1981.
136. "Scanning and Transmission Electron Microscopy and X-Ray Microanalysis of Prosthetic Dural Cardiac Valves." Sixty-Fourth Congress of French-Speaking Anatomists, Florence, Italy, 1981.
137. "Medical Education in the U.S.A." University of Rome, Italy, 1981.
138. "Art and Anatomy." Sixth European Congress of Anatomy, Hamburg, Germany, 1981.
139. "Subcellular Evaluation of Prosthetic Cardiac Valves." Sixth Pan American Congress of Anatomy, Buenos Aires, Argentina, 1981.

164. "Art and Medicine." Seminar, Shaklee Foundation, San Francisco, California, July 21, 1986.
165. "Art and Anatomy." Special lecture, VII International Symposium on the Morphological Sciences, Brussels, Belgium, September 9, 1986.
166. "Surgical Anatomy of the Liver." Special lecture, VII International Symposium on the Morphological Sciences, Brussels, Belgium, September 10, 1986.
167. "Natural and Artificial Sphincters of the Digestive System." Special lecture, VII International Symposium on the Morphological Sciences, Brussels, Belgium, September 11, 1986.
168. "Universalità della Scuola Anatomica di Torino." Opening remarks, Italian Congress of Anatomy, Torino, Italy, September 28, 1986.
169. "Anatomicosurgical Segments and Subsegments of the Human Body and their Radiological, Clinical, and Surgical Application." Aula Magna, University of Florence, Italy, October 7, 1986.
170. "Electron Microscopy and X-Ray Microanalysis of Cardiac Valve Bioprostheses." Academy of Sciences J.E. Purkinje, Carolina University, Prague, Czechoslovakia, April 21, 1987.
171. "Motivations for Scientific Research." Opening lecture; "Humor and Medicine," closing lecture; "Surgical and Radiological Anatomy of the Human Terminal Ileum." 42nd Congress of the Italian Society, University of Siena, Italy, September 27 - October 1, 1987.
172. "Anatomical Nomenclature." VIII Pan American Congress of Anatomy, Santiago, Chile, October 25, 1987.
173. "The Beauty of Aging." VIII Pan American Congress of Anatomy, Santiago, Chile, October 26, 1987.
174. "Anatomy, Art, and Religion." Congress of the Anatomische Gesellschaft in Zurich, Switzerland, March 21, 1988.
175. "Natural and Artificial Sphincters." University of Brescia, Italy, March 25, 1988.
176. "Importance of Anatomy in a Modern Medical Curriculum." University of Brescia, Italy, March 26, 1988.
177. "Anatomicosurgical Segments." University of Padua, Italy, March 28, 1988.
178. "Electron Microscopic Evaluation of Cardiac Valve Bioprostheses." University of Padua, Italy, March 28, 1988.
179. "Clinical Application of Anatomical Variations." University of Padua, Italy, March 29, 1988.
180. "Segmentectomies and Subsegmentectomies." University of Turin, Italy, March 29, 1988.
181. "Clinical Importance of Anatomical Variations." University of Turin, Italy, March 30, 1988.
182. "Segments of the Liver as the Anatomic Basis for Partial Hepatectomy." Workshop on the Treatment of Liver Tumors, American Cancer Society, Toledo, Ohio, April 15, 1989.
183. "American Aspects of Medical Education." Meeting of the Educational Commission for Foreign Medical Graduates, Rosslyn, Virginia, May 12-13, 1989.
184. "Evaluation of Scientific Methodology." Pathology Graduate Student Seminar, Medical College of Ohio, Toledo, Ohio, November 6, 1989.
185. "Course on Scientific Methodology". University of Sao Paulo, November 20-December 6, 1989.
186. "Anatomy of Beauty". Special lecture at the IX International Symposium on Morphological Sciences, Nancy, France (September 9-13, 1990).

CURRICULUM VITAE

PERSONAL

Name: Alexandra Kuby
Address: 1844 Brownstone Blvd. C-31
Toledo, Ohio 43614
Telephone: (419) 867-0834
Date of Birth: October 14, 1930
Place of Birth: Lysa Nad Labem, Czechoslovakia
Citizenship: British
Marital Status: Otakar A. Kuby
Social Security No. S.S. 290-50-2303

EDUCATION

Secondary School: 5 years grade school
8 years high school
Diploma: 1940

Linguistic Studies
Comenius University
Bratislava, Czechoslovakia
Majors: English & Latin

College or University: M.A. Philology - 1953
Comenius University
Bratislava, Czechoslovakia

M.S.L.S. - 1970
Case Western Reserve University
Cleveland, Ohio
Scholarship Student

EMPLOYMENT

Information retrieval and literature
searches - Technical Library
Pulp and Paper Research Institute
Bratislava, Czechoslovakia
1953 - 1963

Information retrieval
Special Library
Pharmacological Institute
Slovak Academy of Sciences
Bratislava, Czechoslovakia
1963 - 1967

Research
Development Department
Slovak University Library
Bratislava, Czechoslovakia
1963 - 1968

External Abstracting
Chemical Abstracts
Columbus, Ohio
1960 - 1975

Cataloging Foreign Literature
Cleveland Museum of Art
Cleveland, Ohio
1970 - 1981

Translating
Franklin Institute
Philadelphia, Pennsylvania
1979 - 1980

Translating
U. S. Joint Publications Research Service
Arlington, Virginia
1981 - 1984

Head of Interlibrary Loan and
Reference/Searcher
Raymon H. Mulford Library
Medical College of Ohio
Toledo, Ohio
March 4, 1985 - present

PROFESSIONAL ORGANIZATIONS

American Translators Association
(ATA)

Northeast Ohio Translators Association
(NOTA)

International Institute of Greater
Toledo, Inc.

Midwest Chapter - Medical Library Assn.

MAJOR SKILLS

Reading and working knowledge of
the following languages:
German, Russian, French, Spanish,
Italian, Czech, Slovak.

Taught English at high school level
and at the Linguistic Studies School
Comenius University, Czechoslovakia.

HONORS AND AWARDS

Graduated Magna Cum Laude
Comenius University

Foreign Student of the Year
Case Western Reserve University

Scholarship Student
Case Western Reserve University

MEETINGS AND TRAINING
SESSIONS ATTENDED

Interlibrary Loan Meeting
Ohio State University
Columbus, Ohio
April 26, 1985

Lectured - Scientific Writing
Interlibrary Loan/Searching
July 10, 1985

MEETINGS AND TRAINING
SESSIONS ATTENDED (continued)

MEDLINE Training Course
National Library of Medicine
Bethesda, Maryland
July 29 - August 2, 1985

MEDLINE Update
Lansing, Michigan
October 14 - 15, 1985

Interlibrary Loan Meeting
Ohio State University
Health Sciences Library
Columbus, Ohio
May 8, 1986

Lectured - Scientific Writing
Interlibrary Loan/Searching
July 16, 1986

Telefacsimile Meeting
State Library of Ohio
Columbus, Ohio
July 22, 1986

Telefax, DOCLINE & MEDLINE Meeting
St. Clair, Michigan
October 8 - 10, 1986

Telefax Meeting
Resource Library Directors
Mulford Library
October 31, 1986

DOCLINE & TELEFAX Meeting
Ohio State Libraries
Columbus, Ohio
June 2 - 3, 1987

Midwest Chapter/MLA
Cleveland, Ohio
October 27 - 28, 1987

MEETINGS AND TRAINING
SESSIONS ATTENDED (continued)

Chemical Abstract File
for Online Searching Workshop
Columbus, Ohio
April 25, 1988

Midwest Chapter
Medical Library Association
Indianapolis, Indiana
October 16 - 19, 1989.

I.L.L. Seminar in OCLC
Dublin, Ohio
May 16, 1990

I.L.L. Seminar in OCLC
Dublin, Ohio
May 15, 1991
