

CURRICULUM VITAE

A. PERSONAL INFORMATION

Name: John A. Lucas

Home Address: 5123 Ryan Road
Apartment 5
Toledo, Ohio 43614

Home Phone: (419) 382-3213

Business Address: Raymon H. Mulford Library
Medical College of Ohio
3000 Arlington Avenue
Toledo, Ohio 43614

Business Phone: (419) 381-4206

Date of Birth: October 10, 1949

Place of Birth: Cleveland, Ohio

Marital Status: Single

Military Status: U. S. Army
2 Lt., MSC
March 1972 - March 1974
Assistant Administrative Officer
to Department of Clinics

S.S. No. 301-44-1078

B. EDUCATION

College or University: Case Western Reserve University
Cleveland, Ohio
M.S. Library Science
August 1975

Arizona State University
Tempe, Arizona
B.S. Zoology
January 1972

CONTINUING EDUCATION:

HSOCLCUG Annual Meeting
"Getting Things Done"
Denver, Colorado - 1990

C.E. Course 873
Microcomputer and Minicomputer
Software Options
Portland, Oregon - 1987

Midwest Chapter - MLA
Microcomputer Software
Lansing, Michigan - 1985

Midwest Chapter - MLA
Software in the Public Domain
Lansing, Michigan - 1985

HSOCLCUG Annual Meeting
"Development of the ONLINE Catalog"
Columbus, Ohio - 1982

MLA Annual Meeting
Abbreviated Initial Training Class
Use of the MLA Databases
Montreal, Canada - 1981

Development of a Serials Union
Listing on OCLC
Columbus, Ohio - 1981

Kentucky-Ohio-Michigan (KOMRML)
Listing on OCLC
Detroit, Michigan - 1980

NOTSL - A.A.C.R. 2
Cataloging
Ashland, Ohio - 1980

OHIONET - New Fields and
Tagging Codes on OCLC
A.A.C.R. 2 - 1980

NOTSL Workshop
Cleveland, Ohio - 1980

CONTINUING EDUCATION:

C.E. Course 23
Problems in Medical Cataloging - 1978

C.E. Course 47
Audiovisual Cataloging - 1978

A.L.A.O. Workshop
Preservation of Library Materials

C.E. Course 10
Literature in Pharmacy - 1976

C. PROFESSIONAL BACKGROUND

Positions:

Howard Dittrick Museum of
Historical Medicine
Student Assistant
October 1974 - May 1975

Cleveland Health Sciences Library
Acquisitions Department
Student Assistant
June - September 1975

Raymon H. Mulford Library
Medical College of Ohio
Cataloger 1976 - 1983

Raymon H. Mulford Library
Medical College of Ohio
Head of Technical Services
July 1983 - present

D. PROFESSIONAL ORGANIZATIONS

Medical Library Association

Midwest Chapter - MLA

Health Science Librarians of
Northwest Ohio.

N.A.S.I.G. (North American Serials
Interest Group).

JOHN LUCAS

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OHIOLINK COMMITTEES

Ohio LINK Advisory Directors
Circulation, Interlibrary Loan
and Document Delivery
Catalog Creation & Management
Acquisitions and Serials
Policy Advisory Committee

Served as Acting Librarian
and attended all meetings for
the Librarian this past year.

Ohio Medical Library Directors
Ohio Academy of Medical History
Ohio Academic Library Directors
Ohio Library Access System
OCLC Users Group
Inter-University Library Council
Greater Midwest Regional Medical
Library Network
Regional Council
Resource Library Directors
Health Science Librarians of Northwest
Ohio
OHIONET Meetings
Ohio Network of Medical History
OLIS Working Conference
OLIS Mini Conference
FAXON Serials Meeting
Midwest Chapter - MLA
OHIONET Workshop on PRISM
GMRMLN Serials Meeting

CURRICULUM VITAE

PERSONAL INFORMATION

WATTERSON, Ronald Milton 1920 Collingwood Blvd. Toledo, Ohio 43624	S.S. No. 163-26-0582 (419) 242-7280
Medical College of Ohio Raymon H. Mulford Library 3000 Arlington Avenue Toledo, Ohio 43614	 (419) 381-4223
Date of Birth:	March 21, 1933
Place of Birth:	Butler, Pennsylvania
Marital Status:	Single

EDUCATION AND TRAINING

Butler High School Butler, Pennsylvania	Diploma: 1950
University of Pittsburgh Pittsburgh, Pennsylvania	B.S. 1959
Rutgers The State University	M.S.L.S. 1960
University of Pittsburgh Graduate Work	1960 - 1962

APPOINTMENTS AND PREVIOUS EMPLOYMENT

University of Pittsburgh Main Library Assistant, Circulation Dept.	1955 - 1958
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University of Pittsburgh Medical Library Library Assistant	1958 - 1959
Rutgers - The State University Council on Library Resources	1959 - 1960
University of Pittsburgh Medical Library Assistant to the Librarian	1960
Pittsburgh Plate Glass Company Glass Research Center Librarian	1960 - 1962
University of Pittsburgh Medical Library Assistant Librarian	1962 - 1965
Johns Hopkins University Welch Medical Library Deputy Director	1965 - 1967
Medical College of Ohio Raymon H. Mulford Library Librarian	1967 - present
The University of Toledo ComTech Library Technology Program Instructor	1969 - 1980
Medical College of Ohio Department of Anatomy Lecturer	1974 - present

MILITARY SERVICE

United States Army Special Services	1953 - 1955
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PROFESSIONAL SOCIETIES AND ACTIVITIES

Medical Library Association
Oral History Committee
Ohio Academy of History
OCLC
OHIONET
Inter-University Library Council
Ohio Academic Medical Library Directors
Ohio Academy of Science - "Section S"
Association of Academic Health Science Library
Directors.
Chairman - Audit Committee 1986
Health Science Librarians of Northwestern Ohio
Board of Directors of The Biomedical Communications
Network/BCN
Chairman - 1978 and 1979
User Advisory Board of the Bibliographical Retrieval
System/BRS
Kentucky-Ohio-Michigan Regional Medical Library Network -
Region 3 (KOMRML) now Greater Midwest Regional Medical
Library Network (GMRMLN)
Executive Council
Resource Library Directors

COMMITTEES

The University of Toledo
ComTech
Advisory Committee for the Library Technology Programs

Kentucky-Ohio-Michigan Regional Medical Library
Administrative Committee
Executive Committee
Extramural Committee
AdHoc Committee
Committee on Document Delivery

Medical College of Ohio
Records Management Committee

Medical College of Ohio
Graduate Studies Committee

Medical College of Ohio
Building II Committee (Mulford Library)
Chairman

Medical College of Ohio
Library Committee

Medical College of Ohio
School of Medicine
Executive Committee

Medical College of Ohio
School of Nursing
Executive Committee

Medical College of Ohio
Institutional Task Force Committee
for LCME Self Study

Medical Library Association
Program and Convention Committee
Chairman

Medical Library Association
Oral History Committee 1983 - present

Medical College of Ohio
Chairmens Study Group

Medical College of Ohio
Faculty Senate

Committee on Library Cooperation (CLC)
Bowling Green State University,
The University of Toledo,
Medical College of Ohio and
The Toledo Public Library System

Medical College of Ohio
History Committee

Medical College of Ohio
Graduation Committee
Chairman 1972 - 1986

Medical College of Ohio
Marshal
1972 - 1986

Medical College of Ohio
Graduation Committee
Graduate School 1978 - 1986

Medical College of Ohio
Department of Anatomy
Local Organizing Committee for the
Fourth International Symposium on
the Morphological Sciences

Medical College of Ohio
Admissions Committee

Inter-University Library Council

The State Library of Ohio
Advisory Council on Federal Library Programs
June 1980 - 1984
Reappointed June 1984 - 1988

Ohio Academy of Science
Founding President
Section "S" - Information and Library Science

Ohio Academy of Science
Council 1980 - 1981

Medical College of Ohio
United Way

Ohio Board of Regents
Ohio Library Information System

Ohio Board of Regents
Task Force on Users View - Ohio Access System

Ohio Medical Library Directors
State-wide Electronic System

GRANTS

Greater Midwest Regional Medical Library Network (GMRMLN)
Resource Library Directors
Ohio State Council
Regional Council
Ohio State Medical Library Directors

CONSULTANT

Bryan Community Hospital, Bryan, Ohio
Health Science Librarian's of Northwestern Ohio
Lima State Hospital, Lima, Ohio
Lima Memorial Hospital, Lima, Ohio
Sandusky Memorial Hospital, Sandusky, Ohio
Medical College Hospital
National Consultant - Committee of Colleges
Accreditation Team - American Osteopathic
Association
Fremont Memorial, Fremont, Ohio
Lloyd Library, Cincinnati, Ohio
Fulton County Health Center
Fisher-Titus Medical Center, Norwalk, Ohio

SITE VISITS

Orr - Pings Survey of Medical Libraries
National Library of Medicine
February - April, 1968.

Site Visits for Above:

Ohio State University
Health Center Library

Wayne State University
Medical Library

University of Cincinnati
Medical Library

University of Michigan
Ann Arbor, Michigan

November 1969

College of Osteopathic
Medicine and Surgery
Des Moines, Iowa
Accreditation Visit

December 1973

Greenbrier College of
Osteopathic Medicine
Lewisburg, West Virginia
Accreditation Visit

November 1974

Chicago College of
Osteopathic Medicine
Chicago, Illinois
Accreditation Visit

February 1976

The Oklahoma College of
Osteopathic Medicine &
Surgery
Tulsa, Oklahoma

July 1977

PRESENTATIONS

Medical College of Ohio
Department of Anatomy
History of Anatomy

July 1978

Medical College of Ohio
Department of Anatomy
Graduate Students
Scientific Writing

May 1979

Medical College of Ohio
Department of Anatomy
Historical Aspects of the
Medical Sciences

July 1979

Medical College of Ohio
Department of Anatomy
History of American Medicine

May 1980

Medical College of Ohio
Department of Physiology
Physiology Colloquium
William Beaumont 1785-1853 December 1982

Medical College of Ohio
Department of Physiology
Physiology Colloquium
John Call Dalton December 1984

Scientific Writing Class
Teaching
Spring Quarter 1985
Summer Quarter 1986

NATIONAL & INTERNATIONAL PRESENTATIONS

MLA Continuing Education
Health Sciences Institute
Denver, Colorado 1968

Veterans Administration
Conferences of Selected
Chief Librarians
Washington, D.C. November 1978

The Medical Library Association's
Current Program in Continuing
Education - Third International
Congress of Medical Librarianship
Amsterdam 1970

Relationship with the Health
Science Community
Watterson, R. M.,
Med. Libr. Ass. New Orleans, La. 1971

Ohio Library Association
Joint Meeting of College and
University Round Table and
Reference Services Round Table
Networks - Pipeline or
Pipedream. October 1971

Regional Medical Librarians
Workshop, Lima, Ohio - March 1972
Grant Received from Northwestern
Ohio Regional Medical Program in
the sum of \$2,500.00.

Project Title: Regional Medical
Libraries and Community Librarians
Workshop, Lima Memorial Hospital. June 1972

Midwest Regional Group/Medical
Library Association - Fall
Conference.
Raymon H. Mulford Library
Toledo, Ohio
Continuing Education October 1976

Western Ohio Regional Library
Development System
Medical Literature
Lima, Ohio October 1977

Southern Regional Group/Medical
Library Association
The Concept of Continuing Education
Jackson, Mississippi October 1978

BIBLIOGRAPHY

1. Watterson, R. M.
New Reference Tools
Chicago, M.L.A. 1966
2. Summation of Conference
Veterans Administration
Proceedings Conference of Selected Chief Librarians
November 14 - 15, 1968
Washington, D.C. P. 32-35.
3. Johnson, JoAnn and Watterson, R. M.
Biomedical Communications Network
Kentucky-Ohio-Michigan Regional Medical Library
Detroit, 1970.
4. The Medical Library Association's Current
Program in Continuing Education.
Proceedings of the Third International Congress
of Medical Librarianship,
Excerpta Medica, 1970, Amsterdam,
P. 304 - 314.
5. Shelving Current Journals; Another Approach
Bull. Med. Libr. Ass. 58(2) 191-193, 1970.
6. Relationship with the Health Sciences Community
Watterson, R. M.,
Bull. Med. Libr. Ass. 59(2) p. 288-291, 1971.
7. Program and Convention Committee Manual
Chairman of the Program and Convention Committee
Medical Library Association - 1977.
8. President's Page
Watterson, R. M.,
Bull. Med. Libr. Ass. 70(3) p. 333-335, July 1983.

BIBLIOGRAPHY (continued)

9. Animal Euthanasia: From Whence to Where
by Donald H. Clifford, D.V.M., M.P.H., Ph.D.
and Ronald M. Watterson, M.S.L.S.
Community Animal Control
September/October 1985
P. 14 - 26
 10. Obituary - Harold J. Bloomquist
Bulletin Medical Library Association
Volume 73 Number 4
October 1985 P. 415-417
 11. COLLABORATIVE PLANNING AND NETWORKING (Abstract)
Watterson, R. M., M.S.L.S.
Ohio Academy of Science
95th Annual Meeting
Library and Information Science Section
April 25, 1985
 12. A THREE STEP PROGRAM TO CONTROL DOGS
by Donald H. Clifford, D.V.M., M.P.H., Ph.D.,
Ronald M. Watterson, M.S.L.S. and
Kay Ann Green, B.S.
Community Animal Control Vol. 6, No. 2
March/April 1987 - P. 11 - 29.
 13. THE PIT BULL DILEMMA
by Donald H. Clifford, Kay Ann Green and
R. M. Watterson
Charles Press, Phila. - 1990
 14. PIT BULLS: ORIGINS, IDENTIFICATION LEGISLATION
by Donald H. Clifford, D.V.M., M.P.H., Ph.D.,
Kay Ann Green, B.S., and Ronald M. Watterson, M.S.L.S.
Pet Veterinarian Vol. 2, No. 6
November/December 1990 - P. 8 - 14.
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Medical College Librarian Retires

On July 31, 1990, Ronald M. Watterson, Librarian of the Raymon H. Mulford Library will retire. He was the founding librarian for the Medical College of Ohio and was appointed on September 1, 1967. The College benefitted greatly from his knowledge, professionalism, and experience. He built both an outstanding collection and a facility which was hailed both for its architectural and interior design and its functionality.

Upon his arrival in Toledo, Dr. Glidden L. Brooks, the first president of the Medical College, personally drove Mr. Watterson around the Arlington Avenue site and past dog barns and orchards. Together, they envisioned the new site for the proposed Medical library and college campus.

Watterson started the library in a small office located at the Beverly Hills Medical Center in a suite he shared with the Department of Psychiatry. A few months later, both departments moved to the former William Roche Hospital on Detroit Avenue. The collection was begun there as were plans for the new library building.

Eight years were required to demolish the dog barns, move Arlington Avenue, and obtain state funding and legislative approval. Highly supportive Board members such as Drs. Paul Block and Frank F. A. Rawling, Henry Morse, an enthusiastic administration, and an outstanding architect, made the library a reality. Dr. Block, a scientist and an avid library user, knew the importance of a strong and wide-ranging collection.

From the beginning, Mr. Watterson set goals for future development based on the concept of creating an information network linking scholars to databases within the institution and outside, using computer workstations. Through his leadership, the Mulford Library was chosen to participate in the founding of the SUNY Biomedical Communication Network and Bibliographic Retrieval Services (now BRS Information Technologies). The library served as a resource library for the National Library of Medicine's regional medical library network, first in the Kentucky, Ohio, Michigan RML, and currently in the

Greater Midwest Regional Medical Library Network. The library was among the first to join OHIONET, the Ohio College Library Center (OCLC), the Ohio Library Information System, etc.

Ron was an innovator and had the energy and enthusiasm to undertake numerous projects. He served on many committees at the Medical College including the Admissions Committee for the School of Medicine and the Graduate School, the Executive Councils for the Schools of Medicine and Nursing, and he was an Instructor in the Department of Anatomy teaching a course on Scientific Writing. From 1968 to 1985 he was Chairman and Marshal of the College's Graduation Committee.

Watterson served, with distinction, on the State Council of Ohio. Through his association with national, regional, and statewide health sciences organizations, he was a supportive voice for the council and provided valuable insights into its activities.

Ron started the Medical College of Ohio Book Store, the Audiovisual Department, the Archival Collections, and founded the Rare Book Room. He designed the College's official flag, and worked with Dr. Robert G. Page, former Dean of the School of Medicine, in designing the College's Seal and Mace. The Mace was created in glass by Toledo's world famous artist, Dominick Labino. Watterson also designed the Glidden L. Brooks Award which is hand made in 14K gold by Alan Melis of the Toledo Museum of Art. The medal is presented annually to the student who is superior in all phases of the curriculum. The Award is named in honor of the first President of the College, and is sponsored by the Library.

Mr. Watterson has been active in the Medical Library Association and served on many of its committees. He has published papers, journal articles, and co-authored a book. He has been an invited speaker at national and international meetings.

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 College and the Staff of the Library. After many years of devoted service, his colleagues and associates wish him much success and happiness in his future endeavors. For the immediate future, he plans to continue his residence in Toledo.

- 30 -

July 21, 1990

MLA

January 22, 1991

Ronald M. Watterson
Raymon H. Mulford Library
Medical College of Ohio
C.S. 10008
Toledo, Ohio 43699

Dear Ron:

It is our pleasure to inform you that the Board of Directors has endorsed your nomination as a Fellow of the association. This award recognizes your outstanding contributions to the advancement of the purposes for which the Medical Library Association stands. Fellows have a lifetime membership in the association, which provides all Regular Member benefits.

In addition, Fellows are awarded membership in the Academy of Health Information Professionals at the level of Distinguished Member. As a Distinguished Member, you will be recognized by MLA as a certified medical librarian at the highest level of the Academy.

We invite you to participate in the 1991 Annual Meeting in San Francisco, at which time the conferral of this honor will take place. The presentation is scheduled for Tuesday, June 4, at 9:00 a.m. We will be in touch in the next few months regarding the ceremony.

We also take this opportunity to offer you our personal congratulations, and look forward to seeing you in San Francisco.

Sincerely yours,

Lucretia

Lucretia W. McClure
President

RAP/aml

cc: Board of Directors

Ray

Raymond A. Palmer
Executive Director

The Ohio Academy of Science
CENTENNIAL CELEBRATION COMMISSION

445 King Avenue
Columbus, OH 43201
Phone or FAX (614) 424-6045

NEWS RELEASE

CONTACT: L. E. Elfner
(614) 424-6045

Science Centennial Commission Names Honorees

For immediate release

Columbus (April 24, 1991) . . . Twenty five scientists, engineers, business executives, and teachers were named Centennial Honorees today 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 will be recognized at a dinner hosted by the Commission in Columbus on Friday, April 26, 1991, during the Centennial Annual Meeting of The Ohio Academy of Science.

The Ohio Academy of Science Centennial Celebration Commission was created in 1990 by The Ohio General Assembly to prepare and execute suitable plans for the Centennial of The Ohio Academy of Science and to create The Ohio Academy of Science Foundation. The foundation will finance the Commission's activities and endow the Academy's programs, activities, and publications.

The Honorary National Chairperson of the Commission is Dr. Jeanette G. Grasselli-Brown of Chagrin Falls, Ohio. Dr. Grasselli-Brown is Distinguished Visiting Professor, Director of Research Enhancement and the Chair of the Board of Ohio University, Athens. Formerly she was Research Director at the R&D Department of BP America.

-MORE-

Dr. Glenn H. Brown
Professor Emeritus
Kent State University
470 Harvey Ave.
Kent OH 44240

216/673-1146

B.S. Ohio University
M.S. The Ohio State University
Ph.D. Iowa State College

Dr. Brown joined The Ohio Academy of Science in 1954 and is now a Fellow. He is a past President of the Academy and is the Founding Director of the Liquid Crystal Institute at Kent State University. He initiated the International Liquid Crystals Conferences and has served as an editor of Molecular Crystals and of Advances in Liquid Crystals. At the Institute significant contributions have been made to the development of twisted nematic displays, the discovery of the smectic C and H phases and the discovery of the biaxial N phase in lyotropic systems.

Dr. Lois A. Cook
Prof. Chemistry Emerita
Wright State University
1020 Hampshire Road
Dayton OH 45419

513/299-7098

B.S. The College of Wooster
M.S. The Ohio State University
Ph.D. The Union Graduate School

Dr. Cook joined The Ohio Academy of Science in 1981 and is now a Life Member. Currently Dr. Cook is Director of The Ohio Junior Academy of Science and is a member of the Ohio Women's Hall of Fame. She is the founding Chairperson of WISEMCO - the Women in Science, Engineering and Mathematics Consortium of Ohio which has played a significant role in advancing the careers of women in science in Ohio.

Dr. Ralph W. Dexter
Emeritus Professor of
Biological Sciences
Kent State University
1228 Fairview Dr.
Kent OH 44240

216/673-4969

B.S. University of Massachusetts
Ph.D. University of Illinois

Dr. Dexter joined The Ohio Academy of Science in 1938 and is now a Fellow. He has served as Academy Secretary, Vice President of Zoology, Historian, and as President in 1968-69. He is the author of over 250 publications, and has attended more than 50 annual meetings of the Academy, having presented papers at most of these.

Dr. Herman J. Eichel
President
Chartwell Technologies
2571 Clarion Court
Columbus OH 43220

614/291-2370

B.S. University of Dayton
M.S. DePaul University
Ph.D. University of Cincinnati

Dr. Eichel joined The Ohio Academy of Science in 1966. He was national President of the American Institute of Chemists and President of Adria Laboratories. He has served as Vice President of the Academy's Economics Section and on the Executive Committee. His expertise is in biochemistry and organic chemistry, and he is particularly interested in the development of industries based on emerging technologies.

Mr. Sherman L. Frost
Adjunct Professor
OSU School of Natural Resources
4079 Indianola Ave.
Columbus OH 43214

614/292-2265

B.S. University of Connecticut
M.F. Yale University School of
Forestry

Mr. Frost joined The Ohio Academy of Science in 1971 and is now a Fellow. Highly skilled in organizational matters, he has served as Executive Director of The American Forestry Association, the Executive Secretary of the Ohio Water Resources Commission, Deputy Director of the Ohio Division of Water, a member of the Ohio Environmental Board of Review, and as Executive Director of the Water Management Association of Ohio. He is coauthor with the late Wayne Nichols of Ohio Water Firsts.

Dr. Richard P. Goldthwait
Professor Emeritus of Geology
The Ohio State University
P.O. Box 656
Anna Maria FL 34216

603/569-1860

A.B. Dartmouth College
M.A. Harvard University
Ph.D. Harvard University

Dr. Goldthwait joined The Ohio Academy of Science in 1947 and is now a Fellow. While Academy President in 1958-59 he was instrumental in securing support from the late Charles F. Kettering and the Kettering Foundation to establish the Academy's Executive Office. He was also Director of The Ohio State University Polar Institute, Chairman of the Ohio State University Department of Geology, and has received the W.W.

Mather Medal from the Ohio Division of Geological Survey. In 1964 the U.S. Congress awarded him the Antarctica Medal. He is coauthor of the Glacial Map of Ohio.

Dr. Charles E. Herdendorf
Science Coordinator
Columbus-America Discovery Group
1507 Cleveland Rd. E
Huron OH 44839

419/433-3266

B.S. Ohio University
M.S. Ohio University
Ph.D. The Ohio State University

Dr. Herdendorf joined The Ohio Academy of Science in 1961 and is now a Fellow. He has served as Director of the Center for Lake Erie Area Research, the Ohio Sea Grant Program, and the Franz Theodore Stone Laboratory on Lake Erie. Dr. Herdendorf has authored more than 300 technical reports and over 50 refereed scientific papers. Currently he is Scientific Coordinator for the S.S. Central America Project of the Columbus-America Discovery Group.

Mr. Marion A. Keyes
Chairman
DCOM Corporation
7355 Production Drive
Mentor OH 44060

216/255-4790

B.S. Stanford University
M.S. University of Illinois
M.B.A. Baldwin Wallace College

Mr. Keyes joined The Ohio Academy of Science in 1988 and is now a Life Member. He is the author or coauthor of more than 40 papers and presentations and holds more than 45 patents as inventor or co-inventor. Formerly President and

Dr. John H. Olive
Professor of Biological Sciences
The University of Akron
Dept. of Biology
Akron OH 44325

216/972-7165

B.S. The Ohio State University
M.A. Kent State University
Ph.D. Kent State University

Dr. Olive joined The Ohio Academy of Science in 1966 and is now a Fellow. He was founding member of the Academy's Ecology section and has published numerous papers in The Ohio Journal of Science. Dr. Olive is an authority on stream water quality, especially on the upper reaches of the Cuyahoga River. For more than 20 years he has served on the Ohio Biological Survey Executive Committee and has been a member of the Ohio Scenic River Advisory Council.

Ms. Martha Potter Otto
Curator of Archaeology
The Ohio Historical Society
1982 Velma Avenue
Columbus OH 43211

614/297-2662

M.A. The Ohio State University

Ms. Otto joined The Ohio Academy of Science in 1960 and is now a Fellow. She is a specialist in the archaeology of the Ohio Valley. A native and resident of Columbus, Ms. Otto is now Curator of the Department of Archaeology at the Ohio Historical Society. She has been involved in excavating a number of Adena and Hopewell Indian sites and is the author of Ohio's Prehistoric Peoples, a book on prehistoric Indians of the region and directed toward the lay reader. She also authored "The First Ohioans", a chapter in Ohio's Natural Heritage.

Mr. Spencer E. Reames
Science Teacher
Benjamin Logan High School
6609 SR 47 E.
Bellefontaine OH 43311

513/592-7554

B.S. Bowling Green State University
M.S. Ball State University

Mr. Reames joined The Ohio Academy of Science in 1974. He has served as Vice President of Science Education and as judging chair for State Science Day. Mr. Reames is recognized nationally as a Presidential Awardee in Science Teaching, and for his continuing leadership and influence in science education, especially in the area of biotechnology. He is the editor of a forthcoming Academy publication entitled, Ohio Science Workbook: BIOTECHNOLOGY. He has served frequently as a proposal reviewer for the National Science Foundation, and has conducted numerous teacher inservice workshops.

Dr. George Rieveschl, Jr.
P.O. Box 708
Covington KY 41012-0708

606/261-4697

A.B. University of Cincinnati
M.S. University of Cincinnati
Ph.D. University of Cincinnati
D.Sci. University of Cincinnati
D.Sci. Wayne State University

Dr. Rieveschl joined The Ohio Academy of Science in 1943 and is a Fellow and Life member. His "first scientific paper" was presented to the Academy in 1937. Now retired, Dr. Rieveschl formerly served as Vice President for Research and Development at the University of Cincinnati. He also served as Vice President for Commercial

THE OHIO ACADEMY OF SCIENCE CENTENNIAL CELEBRATION COMMISSION

The Ohio Academy of Science, 445 King Avenue, Columbus, OH 43201. (614) 424-6045.

COMMISSIONERS

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DR. KENNETH A. YOWELL, PRESIDENT,
EDISON STATE COMMUNITY COLLEGE, PIQUA

Functions of Commission:

1. Prepare and execute suitable plans for Academy's Centennial
2. Create The Ohio Academy of Science Foundation a) to finance the Commission's activities, and b) to endow the Academy's programs, activities, and publications

BRIEF HISTORY OF THE RAYMON H. MULFORD LIBRARY

The Medical College of Ohio Founding Date - December 18, 1964.
H.B. 7 - 105th General Assembly Special Session 1963 - 1964.
Signed by the Honorable Governor James Rhodes.

The Medical College of Ohio School of Medicine - Dedication
September 21, 1969, in a tent on the grounds of the William Roche
Memorial Hospital, 945 South Detroit, Toledo, Ohio.

Mr. R. M. Watterson, M.S.L.S., Founding Librarian - September 1, 1967 -
August 1, 1990.

The first offices of the Library were located at the Beverly Hills
Medical Center, "Suite A", Byrne Road, Toledo, Ohio. While at
the Beverly Hills Medical Center the first staff employee Mrs.
Susan Byington Champion, A.S.L.S., Library Associate was hired.
October 2, 1967. Mrs. D. Joan Derrick, Administrative Assistant
joined the staff on May 13, 1968. The Library then moved to a
renovated wing of the William Roche Memorial Hospital. Mrs. Sarah
Salley was the first professional staff member hired as Cataloger in
July 1968 and later promoted to Head of Technical Services. The
Library then began to grow in staff and collection.

President Glidden L. Brooks, M.D., and the Board of Trustees
brought in Mr. Harold B. Bloomquist, Librarian of the Francis
A. Countway Library of Medicine, Harvard University, Boston,
Mass. (World Renowned Librarian) as Consultant for the Library.

Later Mr. Bloomquist said "Next to the Countway Library the Mulford
Library is the most beautiful Library in the country and in many
ways it surpasses the Countway".

Mr. Paul Block, Jr., Publisher of the Toledo Blade, was the First
Chairman of the Board of Trustees from 1964 - 1970. He recommended
Don M. Hisaka and Associates, Architects for the Library Building
Project referred to as "Building II".

Dr. Robert G. Page, Dean of the School of Medicine, named the
following members to the Library Building Committee:

**BRIEF HISTORY OF THE
RAYMON H. MULFORD LIBRARY**

PAGE 2

R. M. Watterson, M.S.L.S.
Founding Librarian
Chairman

Liberato J. A. DiDio, M.D., D.Sc., Ph.D.
Chairman and Professor
Department of Anatomy

William Easson, M.D.
Chairman and Professor
Department of Psychiatry

Robert G. Page, M.D.
Dean and Professor, School of Medicine

Harold B. Bloomquist, M.S.L.S.
Consultant
Ex-officio

Building plans were placed for faculty to see and comment.

Groundbreaking for the Library was January 11, 1973, at 9:30 a.m.

The Library moved from William Roche Memorial Hospital to the new building - May 1975.

Dedication of the Raymon H. Mulford Library was May 15, 1975, at 10:00 a.m., in the front courtyard. Dr. Richard D. Ruppert from the Ohio Board of Regents was the speaker. Dr. Ruppert became President of the Medical College of Ohio on September 20, 1977 - present.

R. M. Watterson, Librarian retired August 1, 1990.
Named Librarian Emeritus - 1991.

Acting Director named October 1990.

Liberato J. A. DiDio, M.D., D.Sc., Ph.D.
Consultant to the President
Professor Emeritus, Anatomy
Acting Director - Mulford Library

Dr. DiDio was the first Chairman of Anatomy, the first Dean of the Graduate School and the first Assistant to the President, Richard D. Ruppert. He also published the first book at the Medical College of Ohio. Dr. DiDio will serve as Acting Director until a director is hired.

**BRIEF HISTORY OF THE
RAYMON H. MULFORD LIBRARY**

PAGE 3

At the present time the staff of the Library consists of three professional staff and two para-professional and 11 classified staff (three of which are part-time).

The Library is open seven days a week and most holidays.

Monday - Friday	7:30 a.m. - 11:00 p.m.
Saturday	10:00 a.m. - 8:00 p.m.
Sunday	noon - 10:00 p.m.

The Raymon H. Mulford Library continues to support the teaching, research and clinical programs of medicine, nursing, dentistry, allied health, and the graduate school. It serves a major resource for local hospitals such as Mercy, St. Lukes, Flower Memorial, Riverside, Toledo, as well as the local communities of Bryan, Findlay, Fremont, Lima and Sandusky.

The Mulford Library continues to be a member of the Biomedical Communications Network and uses the computerized information retrieval systems of BRS Information Technologies, the National Library of Medicine, DIALOG Information Systems, and provides more than a hundred data bases in virtually every conceivable subject area, including MEDLINE, TOXLINE, CANCERLINE, HEALTH LINE, Excerpta Medica, Psychological Abstracts, Chemical Abstracts, Biological Abstracts, ERIC, Science Citation Indexes, and The New York Times Information Bank. Via such data bases, users are able to search through thousands of international journals for scientific information.

Users of the Library have access to the collections of The University of Toledo, Toledo/Lucas County Public Library and Bowling Green State University. The Gutenberg Express, a shuttle bus, operated twice daily between these libraries, when school is in session, and once a day in the summer.

At the present time reciprocal privileges are granted faculty and students of these institutions along with Owens Technical College, Lourdes College and the Ohio Department of Mental Health Hospital. Proper identification is required. The Ohio Medical Library Directors offer reciprocal privileges for students and faculty who are using the University of Cincinnati, The Ohio State University, Ohio University, Wright State University, and Northeastern Ohio University College of Medicine.

Glidden L. Brooks Award

The Raymon H. Mulford Library sponsored Medal 22-A at the June 1991 graduation. 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 Founding Librarian and his Administrative Assistant started the Medical College of Ohio Bookstore in a small drug closet at the William Roche Memorial Hospital. The Bookstore was under the Library until 1980 when it became part of the Business Office.

The Founding Librarian started the Audiovisual Department and hired its first Director, Dr. James Bradford and photographer Mr. Ken Flora.

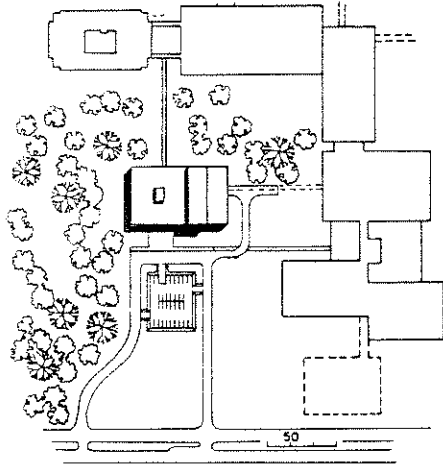
The Library handled the first graduation and all graduations thereafter until 1985 when Mr. Watterson suffered a heart attack and graduation was turned over to the Dean's staff. Mr. Watterson was the first Marshal of the Graduation from its inception until 1985.

Mr. Watterson designed the Medical College of Ohio Flag and had it made at the Detroit Flag Company. He served on the committee to design the Medical College of Ohio official seal and stationery. He designed the Board of Trustees robes and was instrumental in designing and obtaining the M.D., Ph.D., D.Sc., M.S.N., and M.I.H. hoods. He worked with Dr. Robert G. Page, Dean in designing the Dominick Labino glass mace.

The Raymon H. Mulford Library holds a great part in the History of the Medical College of Ohio. Under the Leadership of R. M. Watterson, M.S.L.S. Librarian, it was active in all areas of the college.

The Library presently houses 119,307 volumes (44,837 monographs, 71,031 journals and 3,439 microforms). Current journal subscriptions are 2,009. The budget for 1990 - 1991 was \$899,389.00.

Library, Administration and Student-Faculty Building at Medical College of Toledo



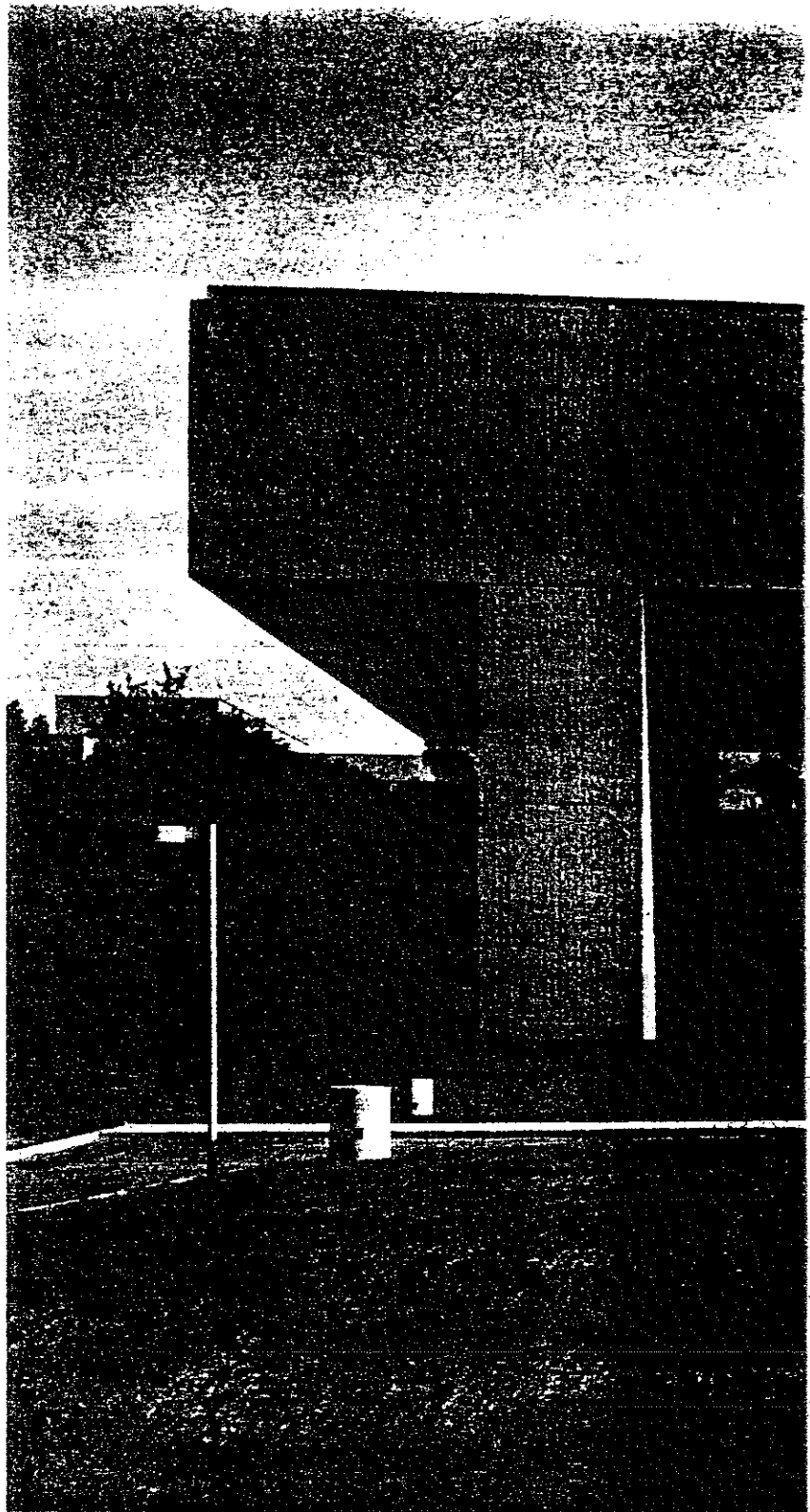
The program called for housing a medical school library, administrative offices and a student-faculty center—three diverse elements that the architects combined into a single composite structure that also serves as a gateway to this new campus. Standing aside a main circulation route, the building opens boldly in a four-story gesture of welcome to visitors approaching from the main parking area. Silhouetted in the opening, and flanking the entrance left and right, are two tall concrete columns that reinforce the gateway concept and establish a processional quality in the entry plaza itself. The small, detached structure at left houses the student-faculty center—its scale and placement fleetingly (and irreverently) suggesting an infant building in the protective custody of its mother (bottom photo). The roof of the small structure is developed as a terrace from which the views are across a wooded ravine to other campus buildings.

The first two floors of the main structure contain administrative offices. The next two are library support spaces. The uppermost level, with its ninety-foot clear spans, is the spatial climax of the building and contains the library's main reading areas and stacks. Reached from the floor below by a sculptural stair (photo page 89), this extraordinary space is skylighted, beautifully appointed and enriched by a planting bed of flowers and ficus trees. Circular air supply registers line the walls.

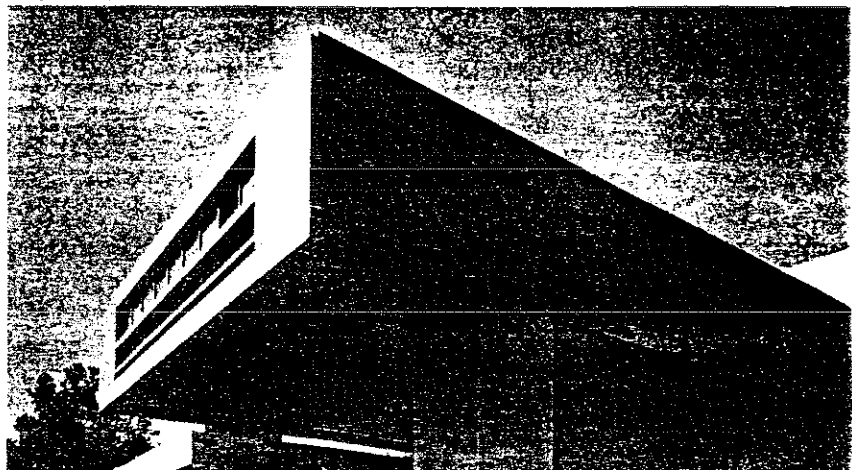
Setting aside the planning, the most impressive features of the building are its richness of furnishing and detail and the consistency with which its spaces are developed. They flow into each other in a family of lively and colorful images, each distinct, but each belonging to an easily recognizable whole.

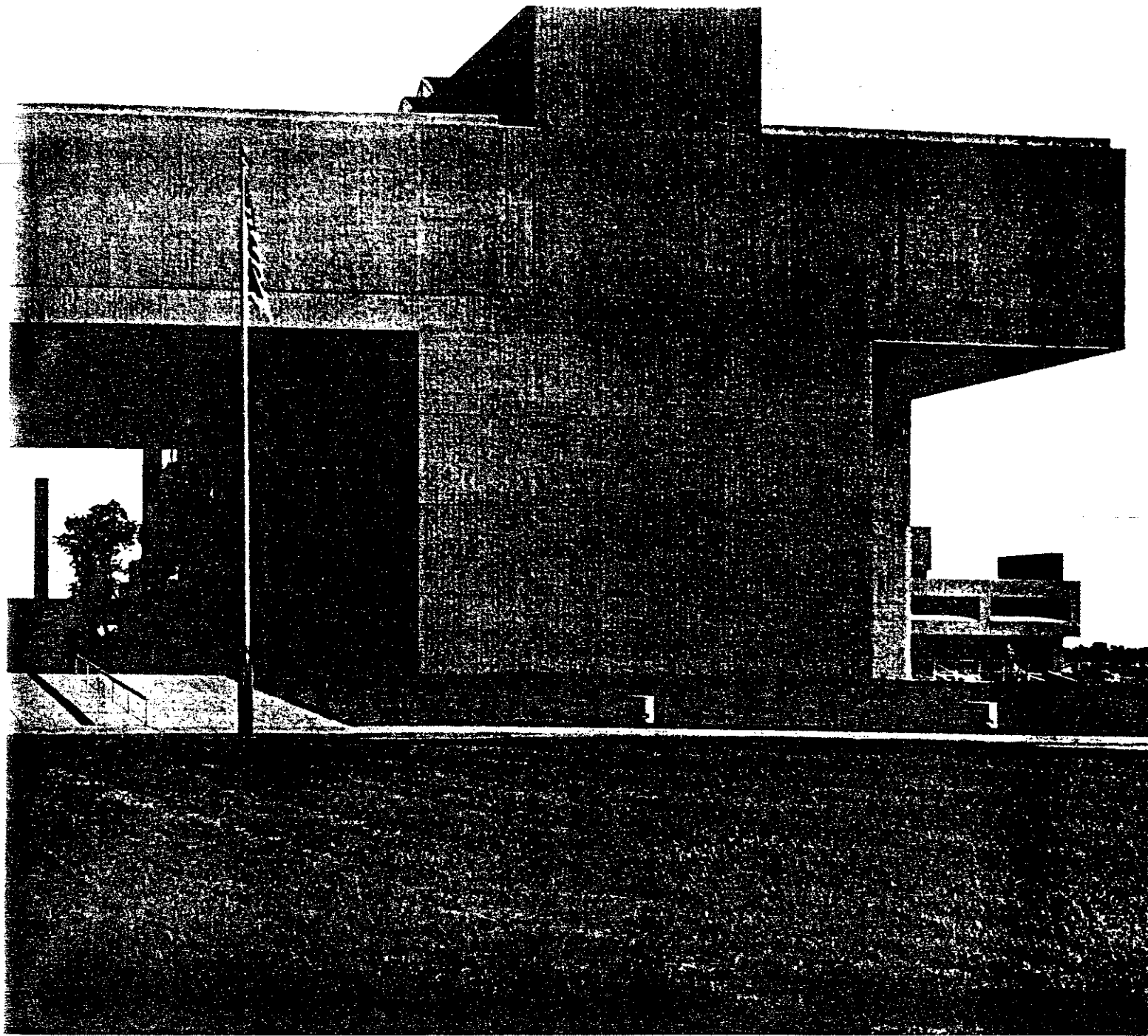
Budget for the project was \$6 million. The base bid for construction was \$5,267,528.

LIBRARY, ADMINISTRATION & STUDENT FACULTY BUILDING, MEDICAL COLLEGE OF OHIO AT TOLEDO, Ohio. Architects: *Don M. Hisaka & Associates, Architects, Inc.* Engineers: *Gensert Peller Associates (structural); Evans & Consultants, Inc.*

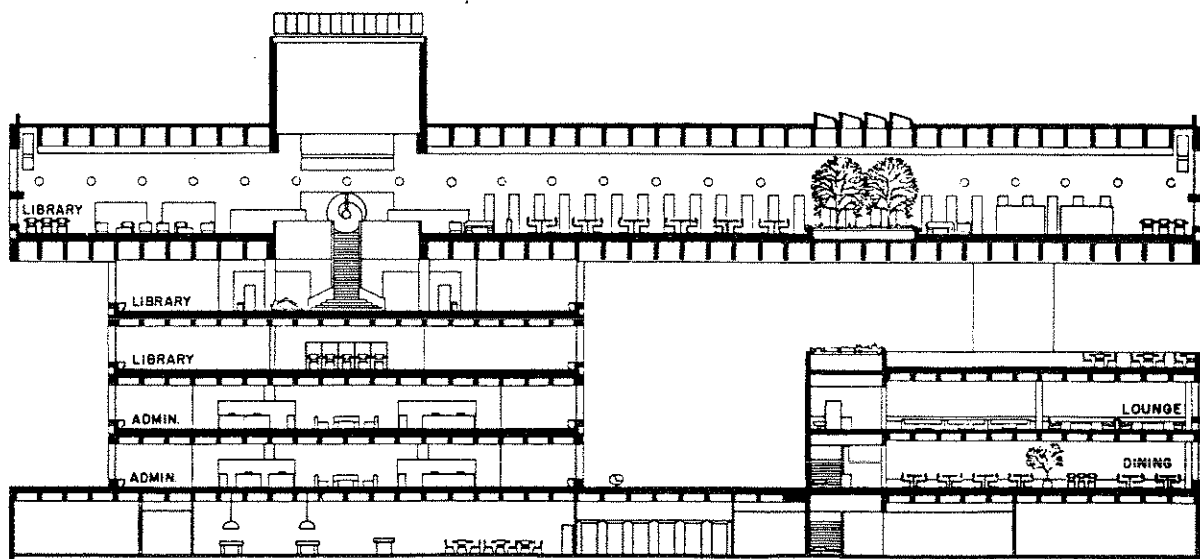


George Cserna photos



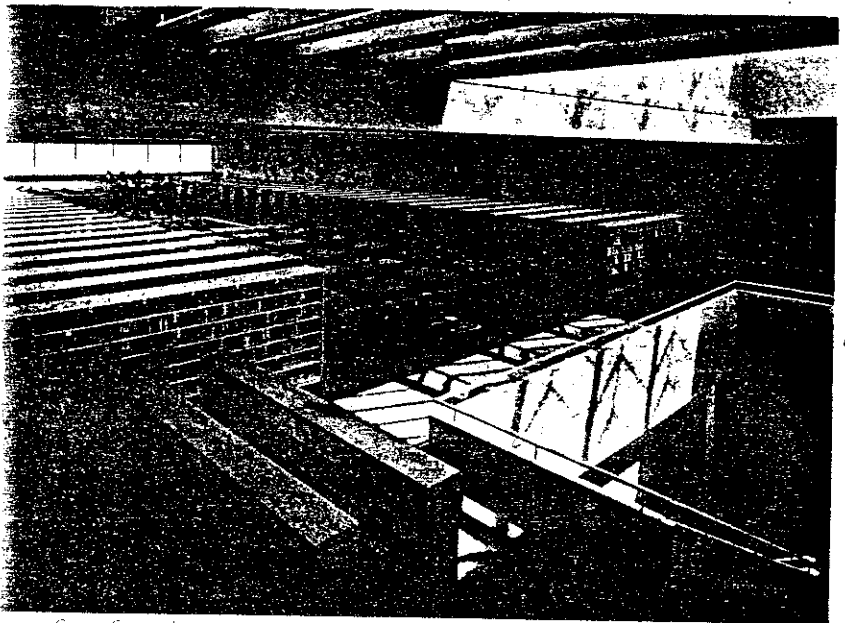
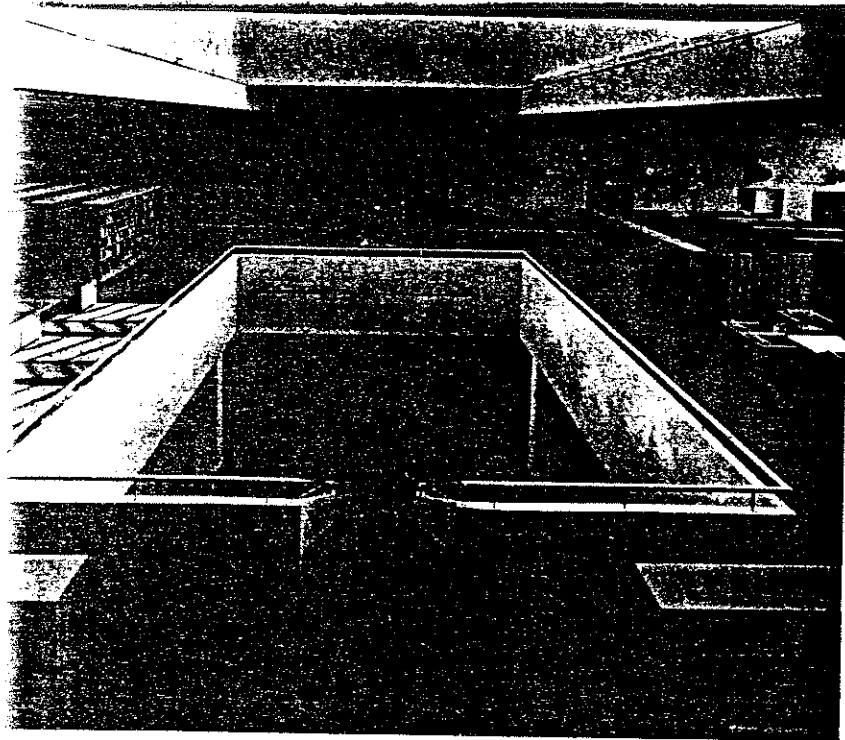
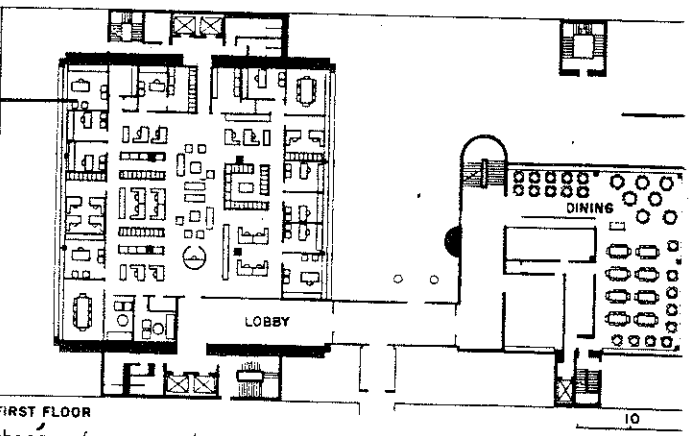
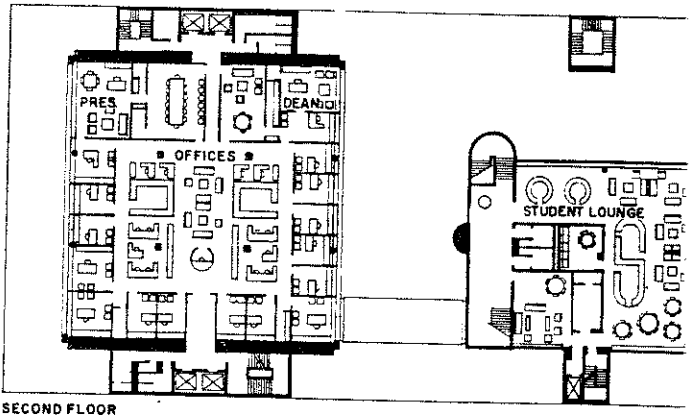
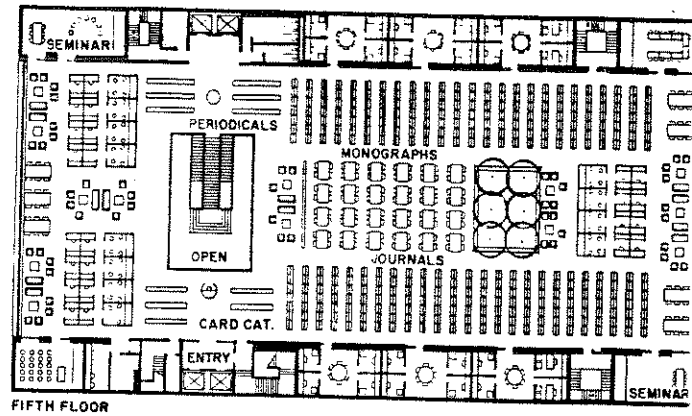


The upper level is framed in the long axis by a pair of Vierendeel trusses, cantilevered at both ends and supported at points along their centers by core walls of reinforced concrete. Spanning ninety feet between the trusses is a roof and floor system of single tees. The other sections of the building have less muscular framing: columns on 30 foot centers that carry a two-way waffle slab. (For a more detailed analysis of this interesting structure, see *Engineering for Architecture*, RECORD's upcoming mid-August issue.



SECTION A-A

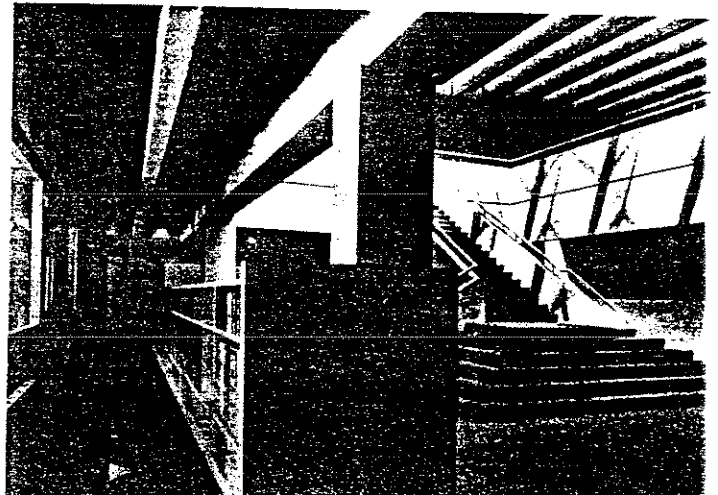
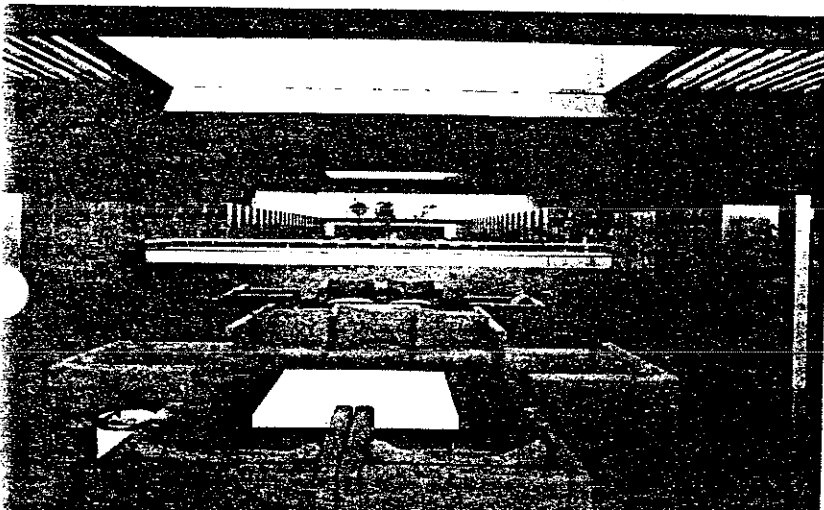
HISAKA



George Cserna photos

Taken on the building's upper two floors, the photos give some indication of the library's spatial variety and richness of detail. Color photo at right testifies to the importance of the ascent to the uppermost level. The

change of carpet color combined with the dramatic use of daylight from above are architectural themes Hisaka has used not just here, but in other and different buildings with boldness and skill.





A BRAVURA PERFORMANCE LEND'S GLAMOUR TO A CONCRETE STRUCTURE

The problems a structural engineer expects to encounter with exceptionally long spans are compounded when those spans must carry exceptionally heavy loads. At the Medical College of Ohio at Toledo, the mix of problems included: library stacks supported on a 90-ft clear span; windows capped by 90-ft concrete beams; a combination of precast and cast-in-place concrete, with various deflections; and uneven loading above glass partitions.

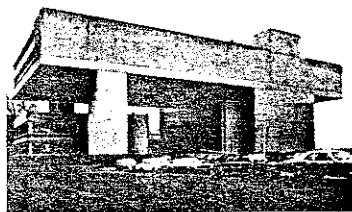
The school's program for its new building called for three distinct facilities—a student-faculty union, administration offices, and a library with limited access. Moreover, the building was to be a symbolic entrance to the campus. The architectural solution places an office block at one end of the building and a separate union building tucked between a pair of stair towers at the other, with the library on the fifth floor bridging an open area between the other elements and serving as a lintel above the ceremonial gateway.

This solution places a heavy load—100 psf for library stacks, plus 50 psf for the floor slab—above an 80-by-90-ft void. The floor's 90-ft precast single tees are supported by two concrete Vierendeel trusses, 25 ft deep and 232 ft long, spanning the passageway. The Vierendeels are in turn supported by bearing walls at the stair tower and around the office block. Cantilevers project outside each truss to support carrels, me-

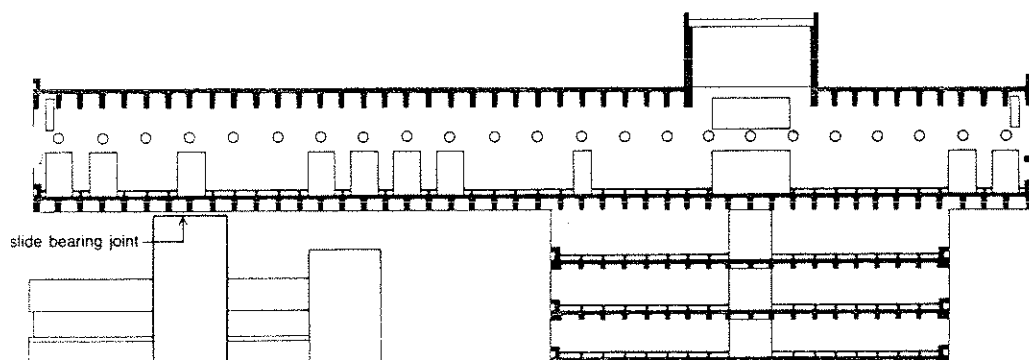
chanical space and exterior walls. Apertures in the Vierendeel web become doorways.

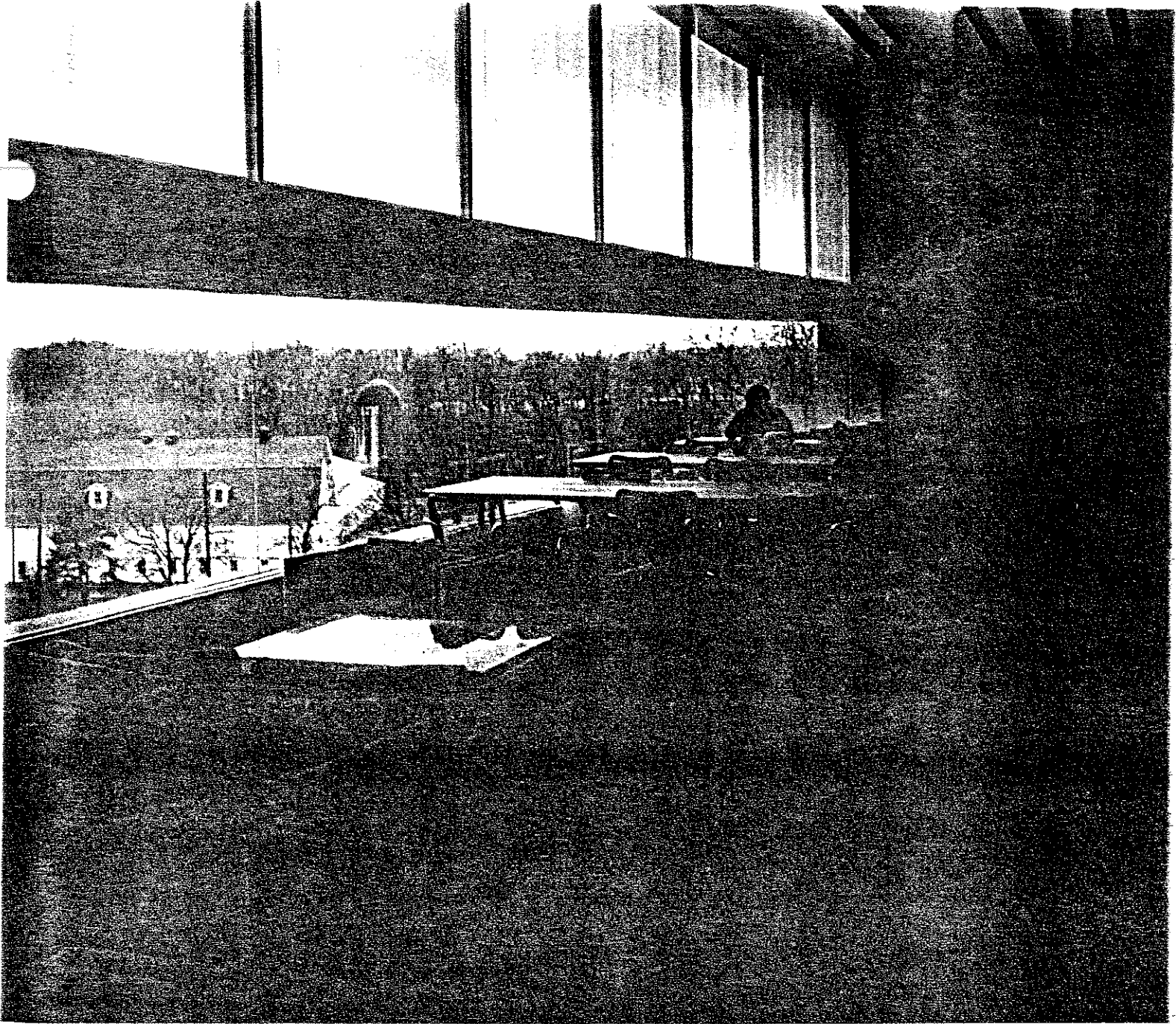
The great length of concrete elements in both directions created special concern for the effects of creep during curing and of thermal movement. The Vierendeels therefore bear on frictionless joints at the stair towers, allowing movement parallel to the plane of the trusses, though the bearings' stainless steel housings restrain transverse movement. Both ends of the 90-ft tees bear on Teflon-coated steel pads, one end carried on a sliding bearing, the other fixed but allowed to rotate.

In addition, the building has long expanses of glass both at the end wall windows and at partitions in offices beneath the library. Extremely careful analysis of loading ensured that deflection would not place intolerable stress on glazing (see diagrams below and on next page).



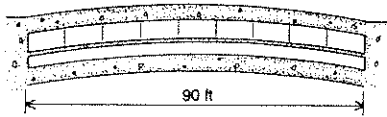
MEDICAL COLLEGE OF OHIO AT TOLEDO, Library, Administration and Student-Faculty Building, Toledo, Ohio. Architects: *Don M. Hisaka & Associates, Architects, Inc.* Engineers: *Gensert Peller Associates* (structural); *Evans & Associates, Inc.* (mechanical); *William B. Ferguson* (electrical). General contractor: *Rudolph/Libbe/Inc.*



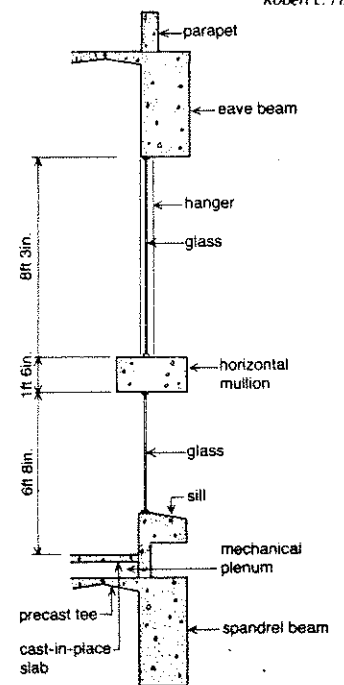
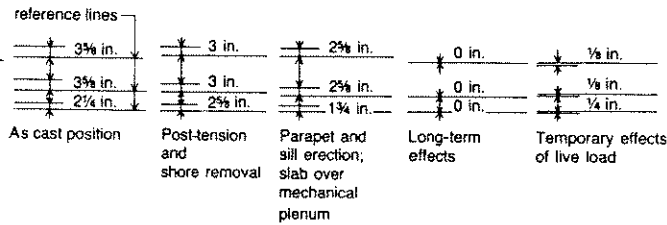


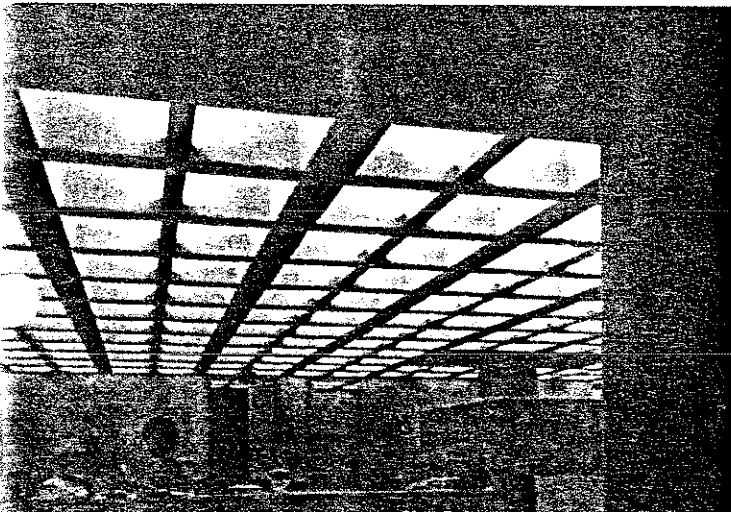
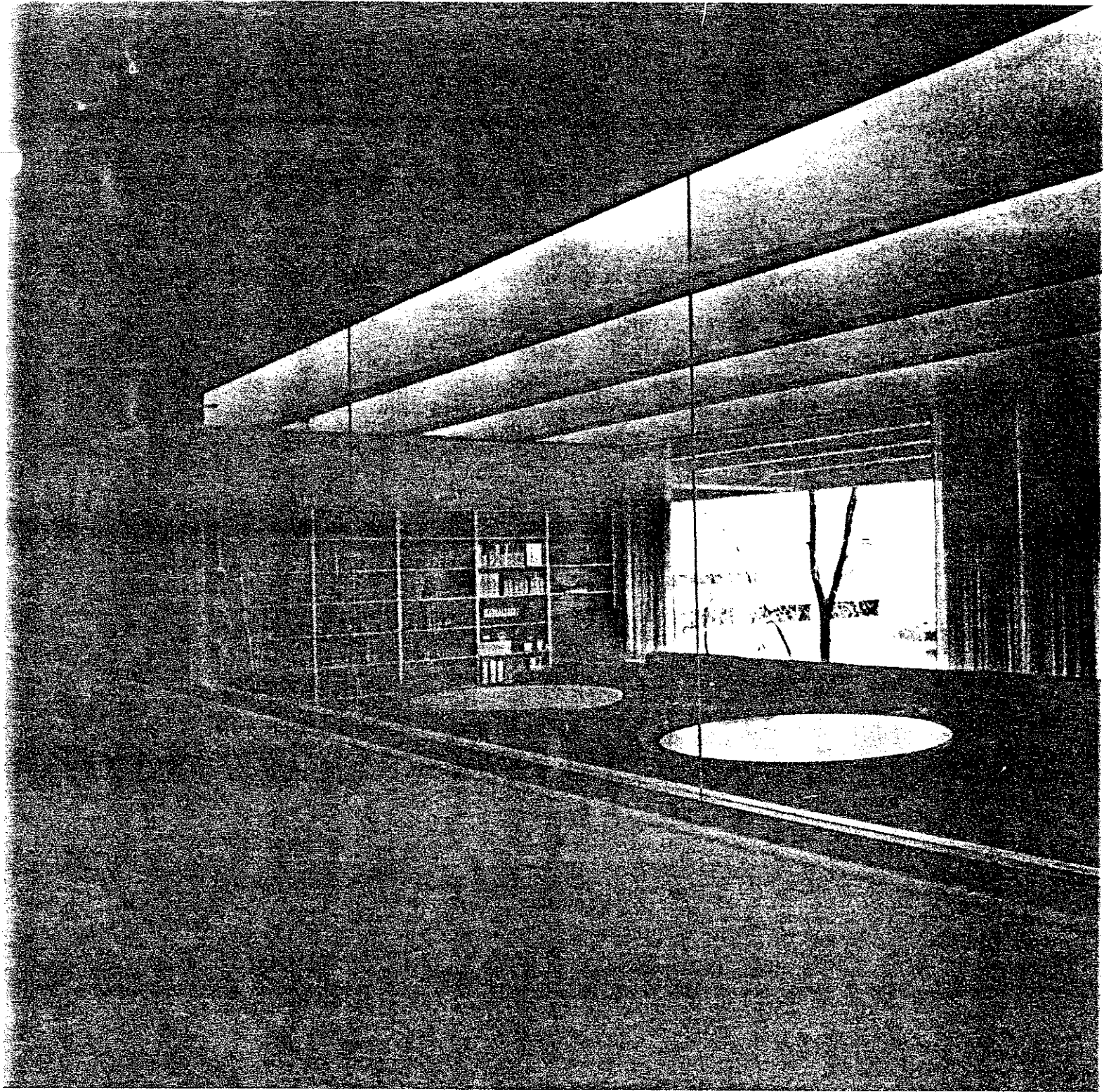
Robert E. Fischer photo

With an impressive show of structural audacity, a 90-ft concrete horizontal mullion surmounts a 90-ft butt-glazed window. Apparent vertical mullions for upper lights are in fact steel hangers. To protect glazing, close analysis of the end wall to calculate depth of initial camber and subsequent behavior of horizontal members was mandated by a

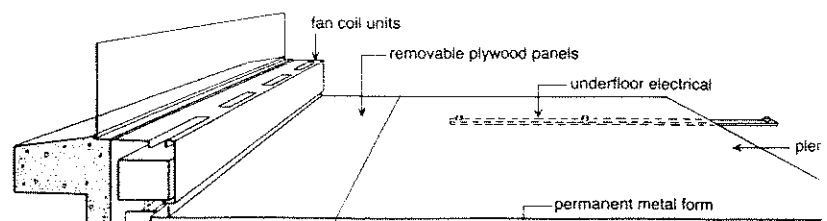


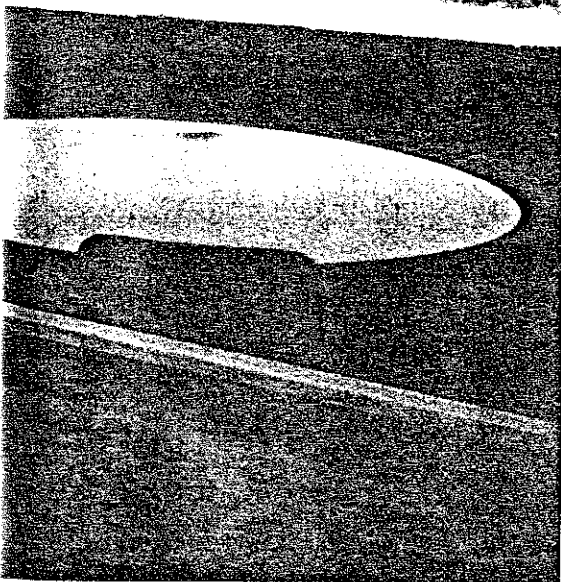
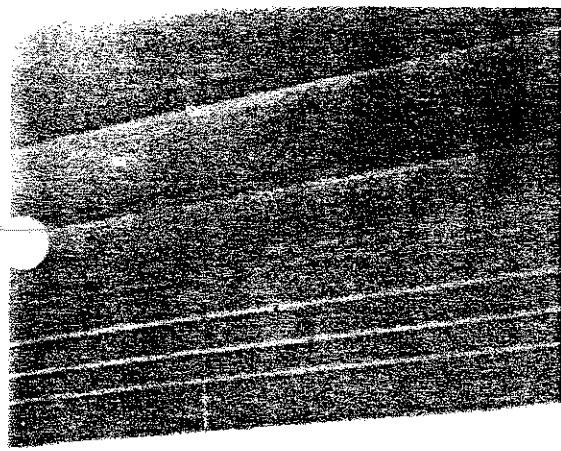
number of considerations: deflection of the cast-in-place concrete must match as nearly as possible deflection of the precast tees at floor and roof; all three horizontal members required post-tensioning; deflection would increase as dead load was superimposed and as creep occurred.



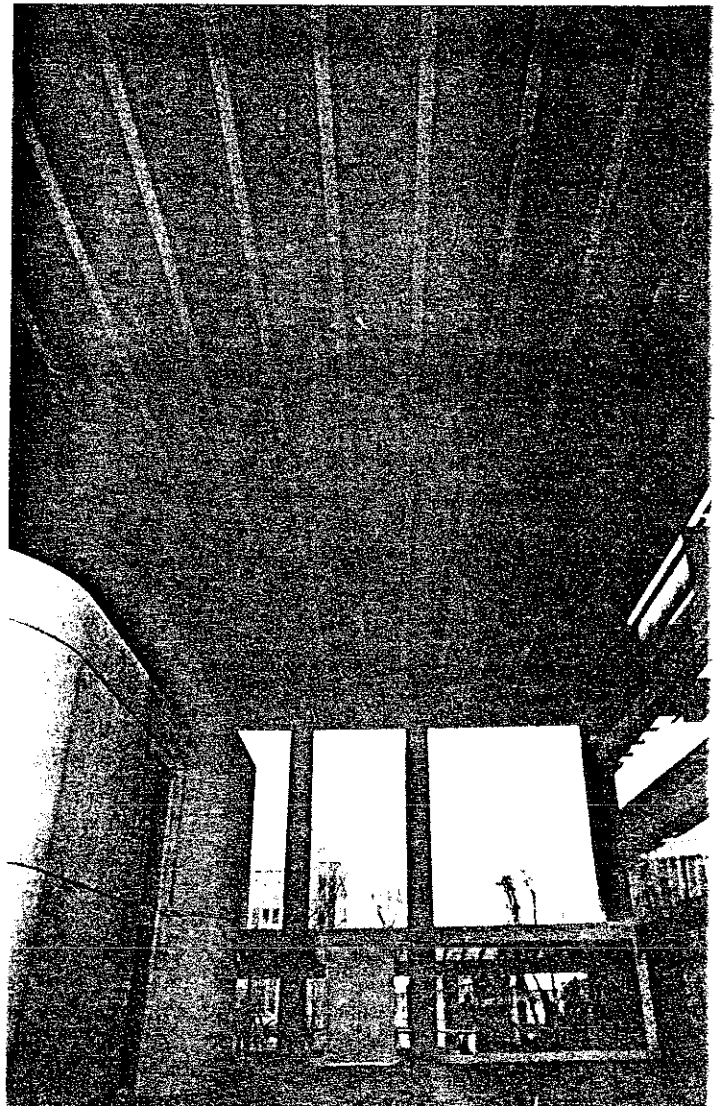


Floors in office block are supported by concrete waffle slabs, topped by a plenum slab and left exposed on the underside. Eight-in. voids between waffles and plenum slab carry supply and return air in alternation, except at perimeter, where hvac piping is housed beneath removable flooring. Fluorescent strips for indirect lighting are inserted in coffer and between tees.

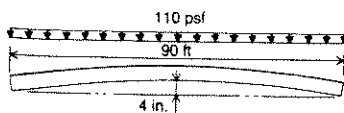




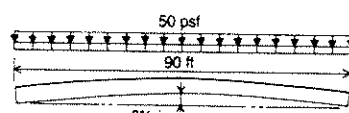
Inside face of Vierendeel truss is exposed at top of grand staircase to library floor. The girder conceals mechanical space behind, and is pierced by round outlets for air supply. Large exhaust grille beneath skylight leads directly to fan room supported by balcony tees. Passage-way through the building (bottom right) is flanked by semi-detached student-faculty center and four-story office block. Glass-enclosed tunnel at rear runs to neighboring buildings. (For architectural coverage, see RECORD, August 1975, pages 86-89.)



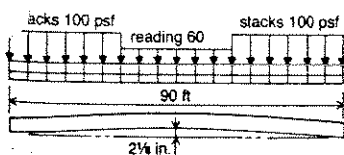
While ordinary usage assumes overall uniform loading, here heavy loads are uneven, threatening windows and partitions in offices directly beneath library (above and lower right). Analyzing probable deflection of tees, engineers calculated separately magnitudes and locations of both sustained loads and temporary live loads, and designed reinforcement and post-tension accordingly.



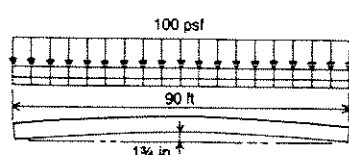
A. Dead weight of single tee



B. Superimposed dead load



C. Partial stack loading




D. Full stack loading

MEDICAL COLLEGE OF OHIO

INTERDEPARTMENTAL COMMUNICATION

To: Dr. Richard Leighton
Vice President for Academic Affairs
and Dean of the School of Medicine

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

Subject: LIBRARY PROGRESS REPORT UPDATE

Date: May 30, 1991

Attached please find Library Progress Report Update. We are now into inventorying the entire monograph collection. We anticipate this inventory will take most of the summer. We are also hopeful that it will free up space on the shelves.

Our third and final sale list of old and duplicate journals is out on bid. We plan to move materials from the mezzanine to the basement room 50.

I feel the staff and I have accomplished a great deal in the months that I have served as acting director. The staff morale has improved; they are working together as a team; and the work is progressing.

If you wish to meet with me please feel free to call.

LJAD:jd
Encl:

LIBRARY PROGRESS REPORT UPDATE
APRIL - MAY, 1991

APRIL

Dr. DiDio has been negotiating with Dr. Levin to place (on loan) an IBM PC Computer in the Interlibrary Loan Department for billing purposes.

Library Staff Meeting with Dr. DiDio.

Ms. Rose Tammamrine attended Union Negotiation Meetings.

MAY

Dr. DiDio met with Dr. Leighton re: Library Budget.

Dr. DiDio telephoned to check on progress being made on special projects. Left further instructions to be carried out.

Staff met with Mr. Rick Forsman, Candidate for Librarian. The Candidate was liked by the staff.

Mr. John Lucas attended the Ohio Academic Health Science Library Directors Meeting in Columbus, Ohio.

Mr. Lucas attended the PRISM Meeting in Columbus, Ohio.

Mr. Lucas and Mr. James Damas met with IBM Sales regarding purchasing a Se-Lin Labeler - typewriter.

Mr. Raymond Palmer, Candidate for Librarian met with the staff. The staff (professional and support) voted Mr. Palmer their No. 1 choice of the five candidates so far interviewed.

A Maintenance Work Order was completed having six caned chairs repaired.

A work order was also completed repairing two cabinets in the carrels.

Mrs. Alexandra Kuby attended the Interlibrary Loan Meeting in Dublin, Ohio.

Mr. John Lucas and Ms. Barbara Huntley attended the PRISM Workshop at Bowling Green State University.

Mr. John Lucas met with Dr. Jerome Levin re: library summer hours and part-time staff. Dr. Levin advised Mr. Lucas that the library will remain open its regular hours this summer.

The Library remained opened Memorial Day week-end.

Mr. John Lucas attended the State Council for Health Science Library Representatives in Columbus, Ohio.

The Library staff was invited to meet with the Library Search Committee regarding any comments - remarks - suggestions they may have regarding the candidates so far interviewed.

Mr. David Boilard, Candidate for Librarian - second visit.

Library staff set-up graduation academic regalia for distribution at the circulation desk.

Ms. Rose Tammarine attended Union Negotiation Meetings.

Ms. Mary Houston was honored by the Medical College of Ohio for 20 years service. A write-up on Mary was read at the banquet praising her years of service.

The Library staff met with Mr. Millard Johnson, Candidate for Librarian - second visit.

Two Glidden L. Brooks Awards were ordered to be given this year. The Raymon H. Mulford Library sponsors this medal, but only presents one to the highest scholarly achiever. The graduation account will pay for the second medal.

The Medical Library Association Annual Meeting will be held from May 31 - June 6, 1991. This is the first year since the Library's inception that it has not been represented at this important meeting.

Dr. L. J. A. DiDio, Acting Director will be the Marshal at the Medical College of Ohio Graduation, June 7, 1991.

Mr. John Lucas will be attending the Serials Meeting in San Antonio, Texas. Since the institution will not pay for out-of-state travel Mr. Lucas has elected to pay his own expenses.

Mrs. Sarah Salley has started to weed the collection and an inventory is being taken.

LIBRARY PROGRESS REPORT UPDATE

PAGE 3

Binding was received and processed.

Binding was sent out.

Processing gift materials received.

Final sale list of old and duplicate journals out on bid.

MEDICAL COLLEGE OF OHIO

INTERDEPARTMENTAL COMMUNICATION

To: Dr. Richard Leighton
Vice President for
Academic Affairs and
Dean of the School of Medicine

From: L. J. A. DiDio, M.D., D.Sc., Ph.D.
Acting Director
Raymon H. Mulford Library

Subject: LIBRARY PROGRESS REPORT UPDATE Date: April 19, 1991

The attached Library Progress Report Update is for your information.

I have kept in contact with Mrs. Joan Derrick while I have been out-of-town. I have given her instructions as to what I felt needed to be accomplished and she and the staff have been able to keep up with their daily routines, as well as assist in special projects.

Mrs. Derrick has reported to me that she felt our projects were coming along and the staff has been more than cooperative. We have however been short of help as some of our staff have had serious family illnesses.

I regret that Dr. Lehmann and Dr. Manning are expecting services to remain like they were when the library had sufficient professional staff. Unfortunately we are not able to offer all of these services at this time. The staff is doing the best that can be expected of them.

I hope these Progress Reports are keeping you aware of what I am trying to accomplish in the Library.

If you wish to discuss this with me please feel free to call.

LJAD:jd

LIBRARY PROGRESS REPORT UPDATE
MARCH - APRIL 1991

MARCH

Search Committee Meeting.

Union Negotiations - Rose Tammarine.

John Lucas attended the Ohio Link Meeting in Worthington, Ohio.

Library Staff Meeting with candidate James Shedlock.

Prepared Report on BRS for Dr. Levin. (Period covering July 1, 1989 - June 30, 1990).

Search Committee Meeting.

Library Staff Meeting with candidate Millard Johnson.

Obtained information and reference work for Dr. Marian Rejent and Congresswoman Marcy Kaptur in preparation for their Congressional Trip to Poland.

Received and set-up Exhibit from the National Library of Medicine on "Public Health in New York City in the Late Nineteenth Century".

Prepared brochure and publicity on above Exhibit.

APRIL

Joan Derrick attended the Operations Information Meeting.

Nursing Accreditation Tour of Library.

Report on BRS/MESH charges for Dr. Levin. (Period covering July 1, 1989 - June 30, 1990).

Library Staff Meeting with candidate David Boilard.

LIBRARY PROGRESS REPORT UPDATE
MARCH - APRIL 1991

Employees sending out binding; cleaning basement room 50 and mezzanine. Duplicate journal lists sent out on bid.

Reported to maintenance department roof leak over card catalog.

Preparation of 1991-92 Library Budget.

Contract Renewals for:

Binding Bids

Journal Subscription Bids

BRS Membership

Union Negotiations - Rose Tammarine.

Maintenance Department called regarding skylight noise. Students and faculty upset that it was so bad they had to leave the library. Mid-quarter exams.

Mrs. Sarah Salley started the staff on an inventory of the books. Duplicates will be withdrawn from the collection to make room for 1992 book orders.

Mr. Ajit Chakraborty is busy preparing a list of updated and needed reference tools.

Mr. Lucas and the part-time staff are moving older copies of the journal collection to the mezzanine.

A computer is being considered for the reference department for billing purposes in conjunction with the accounting office.

JD:

MEDICAL COLLEGE OF OHIO

INTERDEPARTMENTAL COMMUNICATION



To: Dr. Richard Leighton
Vice President for
Academic Affairs and
Dean of the School of Medicine

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

Subject: LIBRARY PROGRESS REPORT UPDATE

Date: March 12, 1991

The attached Library Progress Report Update is for your information.

I am pleased that work is progressing and the staff is cooperating, however I naturally would like to see it move faster. It takes considerable time checking duplicate materials and gift books.

If you should need any additional information or wish to discuss this project with me please feel free to call.

LJAD:jd

LIBRARY PROGRESS REPORT UPDATE

DECEMBER - 1990

Dr. DiDio met with Dr. Leighton regarding library budget.

Dr. DiDio met with Library Professional Staff regarding a 2% raise.

Dr. DiDio met with Dr. Levin and Mr. Tracy re: library budget.

Dr. DiDio - emergency (Ann Arbor University Medical Center).

Dr. DiDio - Long Range Planning Committee Meeting.

Dr. DiDio - meeting with Dr. Leighton regarding library space.

Library Staff Seminar conducted by Mr. Paul Johnson, Director of Safety and Security. The meeting was well attended and very informative. What to do in case of an emergency such as fire, tornado, theft, suspicious person in library, etc.

Dr. DiDio met with Mr. Sipp.

JANUARY - 1991

Dr. DiDio met with Dr. Dave Lacher regarding representing the Library at the OLIS Meeting.

Dr. DiDio meeting with Dr. Joyce Shoemaker, Dean of the School of Nursing regarding School of Nursing Accreditation.

Dr. DiDio met with NCA Accreditation Team.

Dr. DiDio attended the Academic Long Range Planning Committee Meeting.

FEBRUARY - 1991

Mrs. Joan Derrick attended the Operations Information Meeting.

Library Staff Meeting with Dr. Levin regarding update on the Search Committee; space, etc.

Staff completing the north mezzanine for the CRLC move.

Staff cleaning north and south mezzanines. A work day was called and all employees came to work in work clothes. Old boxes, trash, duplicate materials, etc., were disposed of.

Library staff busy searching, checking and cataloging the book collection from the storage areas.

The staff preparing a sale list of duplicate books and journals.

Mrs. Salley and Mr. Lucas going through gift collection and adding to the Mulford Library Rare Book Collection.

Dr. Levin advised the library staff that they are gaining back approximately 1500 sq. ft. of third floor space compensating for losing the mezzanine. He explained the mezzanine will be an expansion of the CRLC and a faculty research area.

He also informed the staff not to worry about the basement area at this time. Dr. Leighton has made the decision to keep this space in the library control.

The counter top in the fourth floor copy room was repaired.

Seats and backs were replaced on damaged canned chairs.

Housekeeping assisted the library staff in moving equipment, furniture, coat racks, etc., from the mezzanine.

The stored view boxes were moved from the north mezzanine to the south mezzanine.

Audiovisual equipment was transferred to the Audiovisual Department.

The Needham and Tidrick collections were moved to the area behind the CRLC. A work order was sent to maintenance to have a door and lock installed in this area.

Mr. John Lucas attended the Ohio Medical Library Directors Meeting in Columbus, Ohio.

Mr. Jim Damas updated the library inventory. (This was a big job due to all of the above changes).

MARCH - 1991

Five new Xerox machines were installed in the Library.

Preparation for the National Library of Medicine Exhibit on
"Public Health in New York City in the Late Nineteenth Century."

Mrs. Joan Derrick attended the Operations Information Meeting.

Mr. David Remaklus received and processed the binding. Also
binding was sent out.

Ms. Mary Houston held a training session on the use of the new
Xerox machines.

Search Committee Meeting in the Library Conference Room.

Ms. Rose Tammarine served on the Union Bargaining Committee for
MCO Labor Negotiations.

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419-381-4222

December 7, 1990

Richard F. Leighton, M.D.
Vice President for
Academic Affairs and
Dean of the School of Medicine

RE: LIBRARY PROGRESS REPORT

Dear Dr. Leighton:


Since my appointment on October 8, 1990, as Acting Director of the Raymon H. Mulford Library, I have experienced many challenges and some accomplishments.

I am learning the individual staff specific responsibilities and will be assessing their productivity in the months to follow.

I am doing my best to motivate the staff and to praise them for a job well done, attempting to change weaknesses into strengths, in order to attract good candidates for the position of permanent director.

If you have any questions regarding this report or there are any items you wish to discuss with me please feel free to call.

Sincerely,


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

LJAD:jd
cc: Dr. Jerome Levin
Associate Dean

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LIBRARY PROGRESS REPORT

SEPTEMBER, 1990

Physical Therapy Department Tour.

Library staff met with consultants.

Ms. Mary Houston and Mr. John Lucas attended the IBM copy demonstration.

OCTOBER, 1990

Academic Library Report 1989/90

Annual Statistics of Medical School Libraries in the United States and Canada - 13th ed. FY 1990/91.

Association of Academic Health Sciences Library Directors Survey (AAHSLD).

State Library of Ohio - Library Human Resources Study - Special Library Employer Survey.

Hospital Accreditation Report. Dr. Levin guided the tour of the accreditation team.

American Library Directory Listing.

OCLC Modems installed in the Library.

Mr. John Lucas attended the State Council of Ohio meeting at NEONUCOM.

Dr. DiDio was appointed Acting Director on October 8, 1990.

Dr. DiDio and Dr. Levin met with the Library Staff.

Hospital Accreditation meeting with Drs. Levin, DiDio and Ms. Brenda Phillips and Mrs. Joan Derrick.

Labor Management Meeting - Dr. DiDio, Ms. Barbara Kraus, AFSCME Local 2415 President and Rose Tammarine.

The University of Toledo Retired Librarians Association met at the Mulford Library. Mr. Lucas took them on a tour of the Library and Dr. DiDio met with the group in the Rare Book Room. Coffee, tea and cookies were served.

The "skylight noise" was reported to the maintenance department several times this week.

Mr. John Lucas and Ms. Rose Tammarine attended the Xerox Copy Machine demonstration.

Mr. John Lucas and Mrs. Alexandra Kuby attended the Inter-University Library Council Meeting at Bowling Green State University.

The Library was closed October 27th and 28th owing to a new transformer being installed.

Site visit for the Hospital Accreditation. Dr. Levin met with the site visit team and gave them the tour of the Library.

Mr. John Lucas attended the GMRMLN Serials meeting at OHIONET in Columbus, Ohio.

Mr. John Lucas attended the Purchasing Department meeting regarding new copy machines.

NOVEMBER, 1990

Mrs. Joan Derrick attended the Operations Information Meeting.

Dr. DiDio met with a staff member regarding departmental problems.

Dr. DiDio met with the Library Professional staff regarding the staff problem and solutions.

Search Committee Meeting for a new Director.

Mr. John Lucas met with the Faxon Representative.

Mr. John Lucas attended the OHIONET Meeting in Columbus, Ohio.

Dr. DiDio meeting with Mr. Sipp and Mr. Bashore on budget.

Dr. DiDio attended the OHIOLINK Advisory Council Meeting at Ohio State University, Columbus, Ohio.

The Raymon H. Mulford Library OCLC cutover was completed on November 30, 1990.

Dr. DiDio obtained an IBM Computer for the Director's Office on loan from Dr. Levin.

DECEMBER, 1990

Dr. DiDio met individually with staff members and assigned special projects. He still has several staff personnel to meet with.

Dr. DiDio met with Drs. Leighton and Levin regarding the library budget, actions taken to free space and possibility of hiring a temporary part-time cataloger (4 months).

Dr. DiDio invited Dr. Levin to attend the Library Staff meeting on December 5th. A report was given on the Consultants Report. Dr. DiDio thanked the staff for their accomplishments and cooperation. He also thanked the people responsible for the library decorations for the holidays.

Mr. Ajit Chakraborty was assigned to check the Brandon - Hill list of recommended books and journals for the library. This list is being prepared for the Dean of the School of Nursing in preparation for an upcoming accreditation site visit. A report will be submitted to the Dean advising her of our holdings and what, if any, books need to be purchased. A report will be made to indicate how much money was spent on nursing books and journals in the past three years.

Report from Mrs. Kuby regarding Interlibrary Loan Policies and Search Fees.

Work orders were placed and many have been completed as follows:

- Rehanging purple panels in study cubicles.
- Re-installing white sound proof panels.
- Repaired Index counter.
- Replaced missing dimmer switch in conference room.
- Repairs in rest rooms.
- Replaced missing ceiling tiles in side rooms - 5th floor of library. These had been missing since the library flood.
- Repaired all loose baseboards on 5th floor of library.
- Repaired drawer and desk at circulation.
- Sent caned chairs to maintenance for repair. They have been repaired and returned to us.
- Installed new plug in Directors office for computer.
- Moved file cabinets from the warehouse to Emeritus Offices.
- Repaired large table on 5th floor - damaged leg.
- Lettering was placed on Emeritus doors.

Work orders in process:

- Painting areas of the library.
- Moving unused, damaged, miscellaneous chairs, equipment, etc., to materials management.
- Equipment that can be repaired and used in the Library will be returned to us.

Staff Involvement in Special Projects:

- Cleaning the mezzanines.
- Cleaning offices.
- Going through duplicate materials. Checking to be sure they are not needed in the collection. Once it is determined they are duplicates and the best copy saved for the library, they are then listed for a sale bid list. This procedure has been used since the library's inception.

During the recent storm there were multiple leaks from the roof. Maintenance was called to deal with this serious emergency.

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**GREATER MIDWEST REGIONAL
MEDICAL LIBRARY NETWORK**

UPDATE

GMRMLN Serials holdings in OCLC.

NLM provided the tape to enter the OCLC via a tapeload.

OCLC provided the programming.

Library was provided with an OCLC symbol.

Master tape was loaded onto OCLC's system.

GMRMLN ULS. Group Access Capability. Enables participating libraries to see serials volume and year-specific holdings online. It can also provide access to location symbols for medical monograph and materials peripheral to medicine held in the Regions collections which can then be requested via the DOCLINE override capability.

See GMRMLN Union List Update report by John Lucas.

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GMRMLN UNION LIST UPDATE

by: John Lucas
Head of Technical Services
November, 1990

GMRMLN Union List Group Access Capability is in the future. It will be discussed at the November 16th Regional Council Meeting in Chicago. (See the October 3rd (3 Sources Newsletter).

As of November 1, 1990, the GMRMLN Union List of Serials became available on OCLC. Currently, I am becoming familiar with it and looking at some of our records before I instruct our ILL Staff on using it. Our holdings are current as of December 31, 1989. We are in much better shape than many of the other GMRMLN libraries, some of which are two - three years out-of-date. I was able to get our holdings converted to the Level 3 standards in 1989. I have a number of changes to make on our holdings to make it current. I have until the end of January, 1991, before the next tape is sent to DOCLINE.

OCLC has offline products available that we can order through our Union List agent, BCR. One of these is a customized printed list of our holdings. **IT WILL BE NECESSARY FOR US TO PURCHASE AT LEAST ONE COPY OF OUR HOLDINGS.** I can use this to check our holdings statements. The earliest time we can get a printed copy is April 1991, and the request must be entered **NO LATER THAN JANUARY 21, 1991.** In the past we purchased copies of our holdings from GMRMLN (Blue Books). We then sold them to the hospital libraries and other interested parties on a cost basis. With the Union List on OCLC, this may not be necessary. Preliminary cost estimates for one copy of our holdings list is \$300.00 plus. The display of our holdings will look exactly as they do on the On-Line Union List, which is different from our current print-out. Other optional data can be added to give the print-out a tailored look.

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GMRMLN UNION LIST UPDATE

PAGE 2

Our list of journal titles is in need of updating, (Blue Books). One option will be a printed version from GMRMLN (see above). A second option would be to have a standardized print-out of our holdings from our **MICROLINX SYSTEM**. Unfortunately, this report is in a format that is not modifiable.

Another option would be to have a view only version of **MICROLINX** available in ILL, at the card catalog and at the circulation desk. However, we have no computer at the Circulation Desk, only a copy of our (Blue Book).

We would also need a front end program on the terminals to choose this option, at the card catalog and in the ILL Loan Office. We would then have to physically carry our tape back-up system to each location on some schedule and replace the entire database.

I am continuing to work on our serials check-in subsystem **MICROLINX**. There are a number of fields to be corrected and other changes to be made. There will soon be a new version released around the end of the year or early next year. Our database will have to be prepared with a reorganization program before that can take place.

OCLC is in the midst of changing its communication lines and its online system. The software is called **PASSPORT** and the new version of the system is called **PRISM**. We have received notification that we will be switched over to the new communication system around November 26 - 29, 1990. This will involve some changes in learning the new terminal software for cataloging and ILL. The software is in place on three of our four OCLC terminals. The fourth will have to be added before the cut-over date. The transference to the new system will take place nationwide over the next 18 months. During this phase only the cataloging subsystem will be affected. The ILL subsystem will be totally switched over during the second phase.

JL:jd

MEDICAL COLLEGE OF OHIO

INTERDEPARTMENTAL COMMUNICATION

To: Dr. Richard Leighton
Vice President for Academic
Affairs and Dean of the
School of Medicine

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

Subject: LIBRARY PROJECTS

Date: November 16, 1990

The Library Staff is in the process of cleaning up the mezzanines and storage areas of the Library. In order to go through gift and duplicate materials it is necessary for us to bring in a professional librarian to assist us in determining what we should keep for the collection, what can be sold and what we can dispose of.

Mrs. Sarah Salley who came to the Mulford Library from The University of Toledo and is highly skilled is agreeable to assisting us on a part-time temporary basis at \$20.00 per hour with no fringe benefits.

If it would be possible for the administration to fund her salary we could possibly clean some of these areas in approximately 3 - 6 months. Perhaps if we could have her come in for a month to see what she would estimate the project to involve.

Not only is it important to get these materials into the collection it is imperative to the library to have this space so that we can relieve the crowded shelving on the 5th floor.

I have the present staff working at their full capacity and in order to accomplish the needed projects we need professional assistance.

I urge you to give this your utmost consideration.

Awaiting your reply.

LJAD:jd
cc: Dr. Jerome Levin
Associate Dean

RAYMON H. MULFORD LIBRARY
SPACE LOST

BASEMENT

Area lost to Medical Records	2,338 sq. ft.
Area lost to Interns/Residents Suites	4,876
Area lost to Professional Services	<u>658</u>
Total Basement Space Lost -----	7,872 sq. ft.

THIRD FLOOR

Area lost to Nursing Education (entire third floor).	7,945 sq. ft.
--	---------------

FOURTH FLOOR

Area lost to President.	
Conference Room	290 sq. ft.
Rare Book Room	590 sq. ft.
Kitchen	<u>200 sq. ft.</u>
Total Space Lost Fourth Floor -----	1,080 sq. ft.

FIFTH FLOOR

Conference Room 517	419 sq. ft.
Conference Room 502	419 sq. ft.
Assigned Carrels 521 - A,B,C,D & Center	<u>445 sq. ft.</u>
Total Space Lost Fifth Floor -----	1,283 sq. ft.

FIFTH FLOOR (NORTH BALCONY)

Area lost to Computer Learning Resource Center	2,099 sq. ft.
Area lost to Computer Learning Resource Center	<u>577 sq. ft.</u>
Total Space Lost Fifth Floor North Balcony --	2,676 sq. ft.

TOTAL SQUARE FOOTAGE LOST

Basement	7,872 sq. ft.
Third Floor	7,945
Fourth Floor	1,080
Fifth Floor	1,283
North Balcony (L)	2,099
North Balcony (R)	<u>577</u>
TOTAL LOST -----	20,856 sq. ft.

SPACE LOST CONTINUED

The fourth floor space is controlled by the President's Office. Two of the fifth floor conference rooms are used and checked out by the Office of Communications. They are no longer considered library space. The other two fifth floor conference rooms are now library offices. They house the Acquisitions Department and the Interlibrary Loan Department. This area also houses the Fax machine and terminals. The assigned rooms 521 A, B, C, D and the center area are now permanent Professor Emeritus Offices.

Duplicate Materials

Due to the loss of all storage areas the library was forced to dispose of all duplicate materials. Since staff and time were limited the majority of these materials were disposed of in the incinerator. A few important items were saved and sent out on a sale list. Some were placed on a for sale book shelf in the library, but this became too time consuming and the items were again sent to the incinerator.

Special Collections

With the recent loss of the right side of the North Balcony the **Gorman Hills Collection, The Needham Collection, and the Tidrick Collection**, were moved to the small storage area behind the Computer Learning Resource Center. This space is very crowded and impossible for patrons to access. At the present time these collections are out of circulation and patron usage.

We are hopeful that when a Director/Librarian is hired some of this space will revert back to the Library and these important collections can be placed in areas where they can be of service to our patrons.

ACQUISITIONS EXPENDITURES

<u>FISCAL YEAR</u>	<u>MONOGRAPHS</u>	<u>JOURNAL SUBSCRIPTIONS</u>
1984-1985	\$52,272.00	\$312,156.00
1985-1986	\$94,969.00	\$336,943.00
1986-1987	\$84,512.00	\$384,813.00
1987-1988	\$54,817.00	\$407,960.00
1988-1989	\$16,441.00	\$371,575.00
1989-1990	\$41,359.00	\$408,060.00
1990-1991	\$19,551.00	\$458,839.00

CIRCULATION STATISTICS
MONOGRAPHS

<u>Medical College of Ohio</u>	<u>1989-90</u>	<u>1990-91</u>
Administration	18	18
Attorneys	50	--
Medical Faculty	1,247	1,325
Graduate Faculty	200	179
Medical Students	1,802	1,605
Nursing Students	1,024	689
Nurses (RN)	299	193
Residents	689	774
Staff	821	894
Interlibrary Loan	364	283
Graduate Students	759	813
Colleges in Ohio	65	19
Local Physicians	44	42
Others	18	23
 <u>The University of Toledo</u>		
Faculty	141	81
Nursing Students	474	372
Staff	16	17
Students	128	1,069
 <u>Bowling Green State University</u>		
Faculty	10	1
Nursing Students	240	272
Staff	---	2
Students	118	162
 <u>Lourdes College</u>		
Students	244	167
Faculty	2	2
 <u>Local Hospitals</u>		
Nurses	115	165
Physicians	39	70
Staff	228	338
Student Nurses	45	55
 TOTAL MONOGRAPHS CIRCULATED	<u>9,200</u>	<u>9,630</u>

RAYMON H. MULFORD LIBRARY
CIRCULATION - ENTRANCE COUNT

	<u>1988 - 1989</u>	<u>1989 - 1990</u>	<u>1990 - 1991</u>
July	3,197	3,702	5,391
August	3,966	4,316	6,162
September	7,132	9,018	7,654
October	10,777	13,514	10,765
November	9,910	10,582	8,956
December	7,115	8,867	6,378
January	9,342	11,194	9,039
February	10,563	12,072	9,799
March	10,332	12,268	8,279
April	10,719	12,017	9,688
May	12,289	12,527	9,504
June	<u>6,547</u>	<u>7,208</u>	<u>6,319</u>
TOTAL	101,889	117,285	97,934

SBC:

LIBRARY PHOTOCOPYING

<u>1987 - 1988</u>	<u>1988 - 1989</u>	<u>1989 - 1990</u>	<u>1990 - 1991</u>
813,846	1,320,000	9,009,761	856,803

New copy machines installed March 1, 1991. Total copies per machine for this period:

Model 5042 - 5th floor S/N 80U-156918	41,262
Model 5042 - 5th floor S/N 80U-157097	31,122
Model 5042 - 5th floor S/N 80U-158073	39,885
Model 5042 - 4th floor S/N 80U-156857	101,635
Model 5065 - 4th floor S/N 0C4-019872	72,153
Total -----	<u>286,057</u>
July 1, 1990 - February 28, 1991 (old copy machines)	<u>+ 570,746</u>
TOTAL PHOTOCOPYING 1991 -----	<u><u>856,803</u></u>

SBC:

INTERLIBRARY LOAN REQUESTS
FILLED IN-HOUSE

<u>Department</u>	<u>1989 - 1990</u>	<u>1990 - 1991</u>
AHEC		1
Allied Health P.T.	26	112
Anatomy	39	9
Anesthesiology	217	779
Biochemistry	7	7
Biomedical Engineering		16
Chief of Staff		19
Coag Lab.		7
Cost Accounting	1	
Data Services	8	3
Dean's Office	5	
Dentistry	17	4
Emergency Medicine	1	
Family Medicine	524	421
Family Practice	167	83
Geriatric Medicine	41	
Grant's Office	1	
Hazardous Materials	2	14
Hospital Administration		1
Life Support Training Center		14
Medicine	558	424
Microbiology	1	6
Neurological Surgical	12	12
Neurology	14	9
Nursing Resources	23	32
Nursing School	64	14
Nursing Services	8	
Obstetrics & Gynecology	214	86
Occupation Health		46
Occupational Therapy	20	25
Operation Analysis		5
Ophthalmology	18	
Orthopaedics Surgery	242	290
Otolaryngology	17	14
Pathology	236	140
Pediatrics	812	701
Pediatrics-Genetics	41	73
Perfusion Service		1

INTERLIBRARY LOAN REQUESTS
FILLED IN-HOUSE

Continued

	<u>1989 - 1990</u>	<u>1990 - 1991</u>
Pharmacology	101	13
Pharmacy	4	6
Physiology	21	56
President Office	5	
Psychiatry	262	369
Radiation Therapy	8	12
Radiology	184	98
Rehabilitation Medicine		12
Respiratory Care	9	5
Surgery	762	584
Transplant Office	171	27
Urology	<u>60</u>	<u>51</u>
TOTAL	4,923	4,601

SBC:

INTERLIBRARY LOAN REQUESTS
FILLED IN-HOUSE (1990-1991)

	<u>Requests</u>	<u>Exposures</u>
July	245	1,666
August	388	2,549
September	355	2,582
October	558	3,380
November	411	2,724
December	222	1,538
January	986	5,883
February	305	2,422
March	275	2,043
April	283	2,140
May	269	1,900
June	<u>303</u>	<u>2,033</u>
TOTAL	4,600	30,860

SBC:

INTERLIBRARY LOAN FILLED REQUESTS

	<u>1989-1990</u>	<u>1990-1991</u>
FAX	701	745
ALA/MAIL	1,105	1,368
DOCLINE	5,493	6,043
PHONE	137	53
OCLC	2,208	2,461
BOOKS	<u>346</u>	<u>286</u>
TOTAL	9,990	10,956

*Rejects and referrals are not reflected in total.

EF:

REQUESTS FILLED BY MCO FOR LIBRARIES
OUTSIDE THE REGION & IN FOREIGN COUNTRIES
1990-1991

	<u>United States Outside Region 3</u>	<u>Australia</u>	<u>Canada</u>	<u>Europe</u>	<u>Other Countries</u>
1990 July	- 22 -	- 0 -	- 1 -	- 0 -	- 0 -
August	- 28 -	- 0 -	- 0 -	- 0 -	- 0 -
September	- 26 -	- 0 -	- 0 -	- 0 -	- 1 - Qatar
October	- 41 -	- 0 -	- 0 -	- 0 -	- 0 -
November	- 21 -	- 0 -	- 3 -	- 0 -	- 0 -
December	- 12 -	- 0 -	- 1 -	- 0 -	- 0 -
1991 January	- 18 -	- 0 -	- 3 -	- 0 -	- 0 -
February	- 37 -	- 0 -	- 2 -	- 0 -	- 0 -
March	- 37 -	- 0 -	- 0 -	- 0 -	- 0 -
April	- 25 -	- 0 -	- 0 -	- 0 -	- 0 -
May	- 18 -	- 0 -	- 0 -	- 0 -	- 0 -
June	- 21 -	- 0 -	- 1 -	- 1 - Denmark	- 0 -
Total	- 306 -	- 0 -	- 11 -	- 1 -	- 1 -

INTERLIBRARY LOAN ACTIVITY
LENDING STATISTICS

	<u>1984-85</u>	<u>1985-86</u>	<u>1986-87</u>	<u>1987-88</u>	<u>1988-89</u>	<u>1989-1990</u>	<u>1990-91</u>
Requests Received	7,963	9,015	11,987	13,970	14,298	13,994	14,387
Requests Filled	5,778	6,713	10,593	9,674	10,022	9,990	10,956
Books	463	399	628	670	504	346	286
Journal Requests Copied	5,315	6,314	9,878	9,004	9,518	9,644	10,670
Number Exposures	48,242	37,060	70,209	77,905	79,008	78,076	88,694
Requests Unfilled	2,185	2,302	3,576	4,296	4,276	3,650	3,228
Requests Referred	806	467	572	405	443	948	203

EF:

FAX TRANSACTIONS

<u>MONTH</u>	<u>1988/89</u>	<u>SENT</u> <u>1989/90</u>	<u>1990/91</u>	<u>1988/89</u>	<u>RECEIVED</u> <u>1989/90</u>	<u>1990/91</u>
July	639	936	106	810	785	146
August	549	1,022	74	487	815	124
September	338	835	76	547	843	112
October	493	900	108	346	727	138
November	560	646	86	425	610	112
December	602	469	72	355	474	94
January	926	887	102	430	797	153
February	677	827	72	596	549	105
March	724	596	111	572	557	139
April	1,111	518	100	534	425	131
May	1,059	431	77	701	522	129
June	<u>774</u>	<u>522</u>	<u>70</u>	<u>787</u>	<u>473</u>	<u>127</u>
TOTAL	8,452	8,589	1,054	6,590	7,577	1,510

SBC:

FAX TRANSACTIONS BY DEPARTMENTS 1989 - 1991

<u>Department</u>	<u>Fax Received</u>		<u>Fax Sent</u>	
	<u>1989 - 1990</u>	<u>1990 - 1991</u>	<u>1989 - 1990</u>	<u>1990 - 1991</u>
AHEC	11		14	6
AMWA		1		
APMCO	9		7	2
Anatomy	44	13	48	5
Anesthesiology				1
Animal Medicine	2	1	11	2
Biochemistry	52	2	61	9
Biomedical Engineer		1		
CME	4		6	3
Campus Police	2	12	3	21
Children's Miracle Network	7			
Chief of Staff				1
Communication	88	37	119	112
Data Services	2		2	
Deans Office	15	8	27	24
Dentistry	3		4	2
Facilities Planning	1			
Family Medicine	2	1		1
Geriatric Medicine	1			
Governmental Affairs		1		12
Graduate School	3	4		14
Grant Offices	107		3	9
Hazardous Materials	7		85	
Library Use	543	788	2	877
Medesign (Graphics)	8	23	646	23
Medical Records			34	2
Medicine	12	1	20	8
Microbiology	52		30	10

FAX TRANSACTIONS BY DEPARTMENTS 1989 - 1991
(Continued)

PAGE 2

Department	Fax Received		Fax Sent	
	1989 - 1990	1990 - 1991	1989 - 1990	1990 - 1991
Neurological Surgery	39	9	24	12
Neurology	1			
Nursing School	4	2		
Obstetrics & Gynecology	20	6	127	95
Orthopedics	12		14	
Otolaryngology	1		1	
PBX	15		24	1
Pathology	182	33	191	37
Pediatrics	4	2	15	3
Pediatrics-Genetics	3	1		2
Pediatrics-Surgery				1
Personnel	1			
Pharmacology	51	13	85	61
Physical Therapy		1		
Physiology	25	4	38	
President's Office	26	2	50	8
Print Shop	1	1	7	3
Psychiatry		2	16	2
Purchasing	2		2	7
Radiation Safety			2	1
Radiation Therapy	48	41	55	56
Radiology	8		5	
Registrar	5		3	
Rehabilitation Services			1	
Risk Management	1	6		2
Student Affairs	3	18		56
Surgery	77	20	57	19
TV & Audiovisual	20		24	
Treasurer	1			
Urology	1			
TOTAL	1,526	1,054	1,863	1,510

RAYMON H. MULFORD LIBRARY
COMPUTERIZED SEARCHES

<u>Department</u>	<u>1989 - 1990</u>	<u>1990 - 1991</u>
Allied Health P.T.	4	6
Anatomy		1
Anesthesiology	44	68
Animal Research	2	2
Biochemistry	3	5
Biomedical Engineering		2
CME	1	
Corporate Services	3	
Cost Accounting		1
Data Services	3	
Deans Office		1
Dentistry	1	
Family Medicine	3	3
Family Practice		2
Geriatric Medicine	4	
Grant Offices	1	
Heart Transplant	8	
Hospital Administration		2
Housekeeping	1	
Hyperbaric Chamber		1
Medicine	27	36
Microbiology	25	31
Morse Center	4	
Neurological Surgical	4	7
Neurology	4	1
Nursing Education	1	
Nursing Resources	4	2
Nursing School	1	
Nursing Services	1	
Obstetrics & Gynecology	56	72
Occupational Health		1
Occupational Therapy		5
Operation Analysis		2
Ophthalmology		1
Orthopedic Surgery	50	55
Otolaryngology	4	3
Pathology	60	51
Pediatrics	37	38
Pediatrics-Genetics	27	32
Pediatrics-Surgery		2

SBC:

COMPUTERIZED SEARCHES
(continued)

<u>Department</u>	<u>1989 - 1990</u>	<u>1990 - 1991</u>
Perfusion Service		2
Pharmacology	78	69
Pharmacy	5	4
Physical Therapy	1	
Physiology	15	13
President's Office	1	1
Psychiatry	29	26
Radiation Therapy	6	4
Radiology	21	8
Rehabilitation	2	
Rehabilitation Medicine	20	14
Rehabilitation Services	1	1
Risk Management	1	
Social Work		2
Speech and Hearing	1	
Sports Medicine		1
Surgery	107	68
Treasurer	2	
Urology	34	38
Outside MCO	<u>187</u>	<u>172</u>
TOTAL	894	856

TECHNICAL SERVICES DEPARTMENT
VOLUME COUNT 1990-91

	<u>Microforms</u>	<u>Journals</u>	<u>Books</u>	<u>Total</u>
Volumes Owned	<u>3,439</u>	<u>68,910</u>	<u>44,321</u>	<u>116,670</u>
Volumes Added	<u>-----</u>	<u>2,121</u>	<u>516</u>	<u>2,637</u>
TOTALS	3,439	71,031	44,837	119,307

COST OF JOURNAL SUBSCRIPTIONS DURING 1990-91 FISCAL YEAR:

\$476,529.34

CURRENT NUMBER OF JOURNAL SUBSCRIPTIONS (PAID FOR OR GIFTS):

PAID: 1,905
GIFT: 104
TOTAL - 2,009

JL:

**RAYMON H. MULFORD LIBRARY COMPARISON
INCOME GENERATED**

YEAR	OUTSIDE BILLING	IN-HOUSE BILLING	TOTAL
1982 - 1983	\$28,237.82	\$22,029.77	\$50,267.59
1983 - 1984	\$30,141.25	\$23,711.53	\$53,852.78
1984 - 1985	\$31,790.29	\$21,822.83	\$53,613.12
1985 - 1986	\$29,912.45	\$26,530.52	\$56,442.97
1986 - 1987	\$37,719.40	\$22,024.89	\$59,744.29
1987 - 1988	\$51,356.61	\$21,990.51	\$73,347.12
1988 - 1989	\$52,730.18	\$28,603.33	\$81,333.51
1989 - 1990	\$50,879.59	\$31,876.78	\$82,756.37
1990 - 1991	\$53,498.12	\$24,993.72	\$78,491.84

SBC:

RAYMON H. MULFORD LIBRARY - INCOME GENERATED

Month	Special Account No. 72943		Library Account No. 03100	
	1989 - 1990	1990 - 1991	1989 - 1990	1990 - 1991
July	\$4,008.38	\$4,058.31	-----	\$22.80
August	\$4,075.58	\$5,916.99	-----	\$38.48
September	\$3,212.26	\$1,445.27	-----	\$2.04
October	\$4,623.42	\$5,222.09	-----	\$129.70
November	\$3,849.17	\$2,842.05	\$48.45	\$51.16
December	\$2,163.92	\$3,115.95	\$92.90	\$45.88
January	\$6,165.81	\$5,457.25	\$95.50	-----
February	\$4,227.75	\$2,508.55	\$90.40	\$34.94
March	\$2,985.75	\$6,216.76	\$99.25	\$195.10
April	\$5,424.39	\$5,707.08	-----	\$89.20
May	\$5,311.50	\$4,726.87	\$7.00	\$110.78
June	<u>\$5,641.94</u>	<u>\$6,002.27</u>	-----	<u>\$98.30</u>
TOTAL	\$51,689.87	\$53,219.44	\$433.50	\$818.38

TOTAL INCOME 1990 - 1991

\$53,219.44
818.38
\$54,037.82

TOTAL INCOME 1989 - 1990

\$51,689.87
433.50
\$52,122.37

CRF -

RAYMON H. MULFORD LIBRARY IN-HOUSE BILLING

	<u>Fax Received</u>	<u>Fax Sent</u>	<u>Copies</u>	<u>Searches</u>	<u>Total</u>
July					
August	\$312.81	\$199.69	\$639.55	\$692.75	\$1,332.30
September			\$1,109.45	\$830.64	\$2,452.59
October	\$525.00	\$414.44	\$873.51	\$927.18	\$1,800.69
November			\$1,089.85	\$682.63	\$2,711.92
December	\$427.49	\$108.67	\$1,133.25	\$880.27	\$2,013.52
January	\$185.00	\$83.08	\$549.00	\$511.39	\$1,596.55
February			\$1,869.76	\$557.89	\$2,695.73
March	\$460.00	\$138.74	\$1,139.65	\$1,111.41	\$2,251.06
April	\$165.00	\$122.26	\$872.40	\$678.54	\$2,149.68
May	\$200.00	\$157.77	\$829.45	\$704.11	\$1,820.82
June	\$425.50	\$109.29	\$744.10	\$657.93	\$1,759.80
			\$1,360.25	\$514.02	\$2,409.06
TOTAL	\$2,700.80	\$1,333.94	\$12,210.22	\$8,748.76	\$24,993.72

TOTAL 1990 - 1991

July	\$1,492.61	\$1,332.30
August	\$3,428.95	\$2,452.59
September	\$2,092.52	\$1,800.69
October	\$2,634.85	\$2,711.92
November	\$3,488.25	\$2,013.52
December	\$2,274.39	\$1,596.55
January	\$3,409.07	\$2,695.73
February	\$2,779.65	\$2,251.06
March	\$3,178.95	\$2,149.68
April	\$1,882.67	\$1,820.82
May	\$2,715.53	\$1,759.80
June	\$2,499.34	\$2,409.06
TOTAL	\$31,876.78	\$24,993.72

SBC:

RAYMON H. MULFORD LIBRARY IN-HOUSE BILLING

	<u>1989 - 1990</u>	<u>1990 - 1991</u>
FAX RECEIVED	\$5,315.00	\$2,700.80
FAX SENT	4,054.73	1,333.94
PHOTOCOPIES	12,728.58	12,210.22
SEARCHES	<u>9,778.47</u>	<u>8,748.76</u>
TOTAL	\$31,876.78	\$24,993.72

SBC:

RAYMON H. MULFORD LIBRARY OUTSIDE BILLING - 1990 - 1991

	<u>Rush FAX</u> <u>\$10. each</u>	<u>Photocopies</u> <u>\$7. each</u>	<u>Searches (offline)</u> <u>Prices vary</u>	<u>Searches</u> <u>\$25. each</u>	<u>Searches</u> <u>\$15. each</u>	<u>Book Loans</u> <u>\$7. each</u>
JULY	\$260.00	\$2,863.00	\$25.50	\$325.00	\$15.00	\$119.00
AUGUST	\$190.00	\$3,339.00	\$25.50	\$175.00	\$60.00	\$609.00
SEPTEMBER	\$110.00	\$3,675.00	\$25.04	\$150.00	\$60.00	\$70.00
OCTOBER	\$360.00	\$4,088.00	\$51.72	\$150.00	\$15.00	\$112.00
NOVEMBER	\$270.00	\$3,479.00	\$25.50	\$125.00	\$45.00	\$98.00
DECEMBER	\$200.00	\$2,786.00		\$50.00	\$15.00	\$84.00
JANUARY	\$370.00	\$3,353.00		\$250.00	\$45.00	\$98.00
FEBRUARY	\$310.00	\$4,256.00	\$51.00	\$150.00	\$30.00	\$119.00
MARCH	\$320.00	\$4,228.00	\$51.00	\$125.00	\$30.00	\$77.00
APRIL	\$270.00	\$3,647.00	\$25.50	\$125.00	\$30.00	\$56.00
MAY	\$270.00	\$3,444.00	\$25.84	\$275.00	\$30.00	\$63.00
JUNE	<u>\$110.00</u>	<u>\$3,199.00</u>	<u>\$25.50</u>	<u>\$50.00</u>	<u>\$15.00</u>	<u>\$21.00</u>
TOTAL	\$3,040.00	\$42,357.00	\$332.10	\$1,950.00	\$390.00	\$1,526.00

SBC:

RAYMON H. MULFORD LIBRARY OUTSIDE BILLING

	1989 - 1990		1990 - 1991	
	Items	Cost	Items	Cost
FAX requests (\$10.00)	205	\$2,050.00	304	\$3,040.00
Photocopies (\$7.00)	5,623	\$39,361.00	6,045	\$42,357.00
Searches				
On-Line (\$15.00)	19	\$285.00	26	\$390.00
On-Line (\$25.00)	107	\$2,675.00	78	\$1,950.00
Off-Line	60	\$263.23	65	\$332.10
Interlibrary Loan (Books \$7.00)	197	\$1,379.00	208	\$1,526.00
FAX sent out (\$5.00) + line charges - personal	24	\$137.73	33	\$201.52
FAX received (\$5.00)	8	\$40.00		
Interlibrary Loan Referrals				
(\$7.00)	187	\$1,309.00	101	\$749.00
(\$5.00)	1	\$5.00		
(\$2.50)	1	\$2.50		
Others			8	\$46.30
Photocopies (self - \$.05)	20,778	\$1,038.90	28,106	\$1,405.30
Library Photocopies (\$.25)	718	\$179.50	513	\$128.20
Book Fines	72	\$401.55	127	\$852.10
Replacement of Lost Books	39	\$1,752.18	11	\$520.60
TOTAL		\$50,879.59		\$53,498.12

SBC:

PROFESSIONAL SALARIES

	<u>1990-91</u>	<u>1989-90</u>	<u>1988-89</u>	<u>1987-88</u>	<u>1986-87</u>	<u>1985-86</u>
Reference Librarian/ Searcher	Open	Open	\$19,000.00	None	None	None
Inter-Library Loan Librarian/Searcher	\$26,883.00	\$22,943.00	\$21,850.00	\$21,010.00	\$20,200.00	\$19,000.00
Head of Technical Services	\$29,418.00	\$25,234.00	\$23,365.00	\$22,465.00	\$21,600.00	\$20,100.00
Head of Public Services	Open	Open	Open	Open	\$25,800.00	\$25,200.00
Librarian	Open	\$62,550.00	\$57,000.00	\$54,700.00	\$52,600.00	\$48,700.00