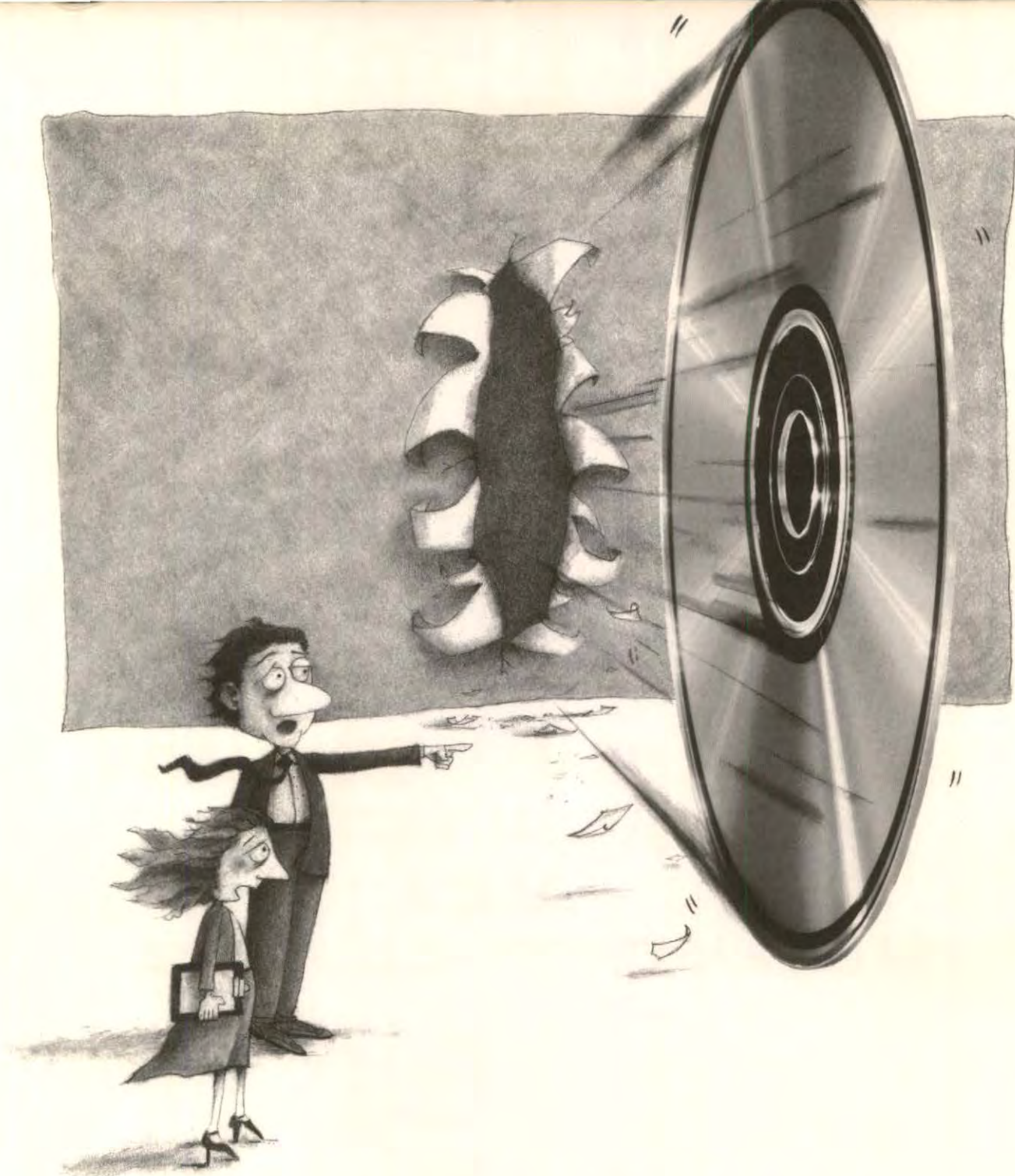


MLA
1991

SAN FRANCISCO

**MEDICAL LIBRARY ASSOCIATION
91st ANNUAL MEETING & EXHIBIT
MAY 31 - JUNE 6, 1991
SAN FRANCISCO HILTON HOTEL
SAN FRANCISCO, CALIFORNIA**

O F F I C I A L P R O G R A M



FOLLOW THAT DISC!

It's hurtling towards Booth 119 faster than you can turn this page and it will be there by the time you arrive for a demonstration. What is it? All we'll say for now is that it runs right over the competition when it comes to providing access to the most current information. It's MEDLINE at its best... a powerful new

innovation from the people who first brought you MEDLINE on CD-ROM. Catch the news at Booth 119 and pick up a free gift from Compact Cambridge, where user-friendly just got friendlier.

COMPACT CAMBRIDGE

COME TO BOOTH 119 FOR FREE GIFT

OFFICIAL PROGRAM

**MEDICAL LIBRARY ASSOCIATION
91ST ANNUAL MEETING
MAY 31—JUNE 6, 1991
SAN FRANCISCO, CALIFORNIA**

WELCOME FROM THE PRESIDENT



LUCRETIA W. MCCLURE
President

▲ WELCOME TO SAN FRANCISCO! And welcome to the 1991 Annual Meeting of the Medical Library Association. The National Program Committee has planned a wonderful and stimulating meeting. It is rich in content, offering impressive speakers. Two distinguished editors, George D. Lundberg II, M.D., and Stephen P. Lock, M.D., will share the John P. McGovern Award Lectureship; and Nobel Prize winner Joshua Lederberg, M.D., Ph.D., will present the Joseph Leiter NLM/MLA Lecture. Sessions featuring many of our own members, including Lois Ann Colaianni, the 1991 Janet Doe Lecturer, will provide insight into a myriad of topics. Dozens of exciting exhibits will display the latest in vendor services and technologies. Two jointly sponsored symposia will be held on Thursday.

The meeting provides an opportunity to meet old friends and make new ones, to attend social events, and to enjoy the delights of San Francisco and northern California. I invite you to attend this year's President's Reception. I have chosen the theme "Our Students = Our Future," and funds raised will be used as seed money to start student chapters of MLA, to offer travel scholarships to future MLA annual meetings, or to provide for lectureships in health sciences librarianship.

During this meeting, you will find opportunities to learn in the many continuing education courses, to hear the viewpoints of many speakers, and to give your opinions in open discussions and business meetings. Welcome!



San Francisco Convention & Visitor's Bureau photo

WELCOME FROM THE NPC

▲ THE 1991 NATIONAL PROGRAM COMMITTEE set forth its vision for MLA's 91st Annual Meeting two years ago in Boston. That vision recognized both the opportunity and the risk associated with significant departures from past programming practice. The NPC's guiding principle has been to build on a meeting structure that has been successful in the past, and to enhance that structure where possible. The result is a program that has a familiar feel while incorporating several important differences. We feel it is an exciting program, which includes the celebrated speakers noted by President McClure, as well as a wide variety of educational and professional opportunities.

To increase the visibility of our elected officials, the President's Address has been moved from a business session to the Opening Session. To enhance the role of MLA's loyal exhibitors and to recognize their substantial support of the association, the Welcome Reception and the Opening of the Hall of Exhibits have been combined into a single event. To alleviate the problem of early morning committee meetings each day of the annual meeting, more committee meetings have been scheduled for Saturday and Sunday morning. The traditional contributed paper sessions have become Contributed Paper Panels, illustrating the NPC's goal to provide more in-depth exposure to a topic. Indeed, the response to our request for papers was so great that four additional panels were added. With the hope of increasing attendance, a Sunrise Fiesta featuring complimentary coffee will precede the opening business session on Monday. To heighten the award experience, honors and awards will be presented at plenary sessions.

A call was issued to MLA sections, committees, groups, and members for topical program proposals, as has been done in the past. Five proposals were selected and will run concurrently on Tuesday afternoon. Section programming has become more and more sophisticated, and the demand for time at the annual meeting has increased. To address this demand, the NPC and the Section Council agreed that the majority of one full day of "prime-time" programming would be set aside for section programs. The response has been nothing short of stupendous, and now Wednesday offers an extensive array of exciting section-planned programs and events.

It is our sincere hope that this annual meeting in the wonderful city of San Francisco will provide an environment in which you can expand your professional horizons. We invite you to experience *your* meeting to the fullest! Appearing elsewhere in this program are the names of the members of the NPC, the Local Assistance Committee, and its subcommittees—MLA members who proudly share the credit for this dynamic meeting. Let us know what you think of our efforts!



DANIEL T. RICHARDS
Chairman
1991 National Program
Committee

The future of medical information delivery changes June 2, 1991.

MLA, Booth #178.

SilverPlatter Information was the first organization set up solely to publish CD-ROM databases *and* we were the first to offer a total CD-ROM networking solution.

Come see our next incredible first on June 2, 1991.

The SilverPlatter Medical Reference Center.

On display.

MLA, booth #178.

SilverPlatter

One Newton Executive Park, Newton Lower Falls, MA 02162-1449
1-800-343-0064




TABLE OF CONTENTS

Board of Directors and Officers	1
Friends of MLA	3
MLA Headquarters Staff	4
1991 National Program Committee	7
General Information	9

Academy of Health Information Professionals	Member Resource Room
Academy of Health Information Professionals Consultations	Membership Open Forum
Building Networks with Colleague Connection	Message Center
Chapter Sharing Roundtables and Luncheon	MLA Booth
Child Care	MLA Garden Cafe
Exhibit 1991	MLA Office
Exhibit Guide	Morning Walk
Film Festival	Newsletter
Guide to Libraries	1992 Annual Meeting
Handicapped Access	1992 Planning Grid
Honors and Awards	Placement Service
Hospitality Center	Postconference Symposia
Instructors Breakfast	Public Transportation
Job Market	Registration Center
Learn the "Nuts and Bolts" — Annual Meeting Orientation	Restaurant Reservations
Lost and Found	Ribbons, Badges, and Buttons
Lunch and Learn	Safety Tips
	Scholarship Booth
	Section Breakfast/Luncheons
	Social Events
	Taped Sessions
	Tickets

Continuing Education Courses	16
------------------------------	----

Daily Program

Wednesday, May 29	21
Thursday, May 30	21
Friday, May 31	21
Saturday, June 1	21
Sunday, June 2	21
Monday, June 3	23
Tuesday, June 4	31
Wednesday, June 5	39
Thursday, June 6	47
Friday, June 7	47

Maps	48
Informal Meetings Schedule	52
Parliamentary Procedures	55
Guide to Exhibits	59
Exhibit Map	70
1991 Exhibitors	71
Index to Advertisers	75
"Fast Break" Sharing Session Facilitators	76
Index	79
Abstracts	1a

Springer for Medicine

Best in Medicine for the Clinician and the Researcher

Benirschke: Pathology of the Human Placenta

ISBN 97282-X
878 pp./613 illus./Hardcover/1990/\$198.00

Braun-Falco: Dermatology

ISBN: 16672-6
1,200+ pp.(t.)/850 illus.(t.)/Hardcover/March 1991/\$198.00(t.)

Cowett: Principles of Perinatal-Neonatal Metabolism

ISBN 97499-7
1,400 pp.(t.)/219 illus.(t.)/Hardcover/August 1991/\$198.00

Muller: Manual of Internal Fixation

ISBN 52523-8
792 pp./500 illus./Hardcover/1990/\$198.00

Norris: Prevention of Stroke

ISBN 97442-3
280 pp. (t.)/106 illus. (t.)/Hardcover/April 1991/\$98.00

Cibils: Surgical Diseases in Pregnancy

ISBN 97203-X
208 pp./28 illus./Hardcover/1990/\$59.00

Eisner: Eye Surgery

ISBN 17407-9
XIV, 318 pp./546 illus./Hardcover/1990/\$149.00

Collins: Ovulation Induction

ISBN 97351-6
170 pp./63 illus./Hardcover/1990/\$59.00

Dobranowski: Procedures in Gastrointestinal Radiology

ISBN 97113-0
231 pp./175 illus./Hardcover/1990/\$89.00

Come visit Springer-Verlag at booth # 149!

Order today from your local book vendor or
directly from Springer-Verlag by calling 1-800-SPRINGER.



Springer-Verlag

New York • Berlin • Heidelberg • Vienna • London • Paris • Tokyo • Hong Kong • Barcelona

**1990/91 Board of Directors of
the Medical Library Association**

Lucretia W. McClure, President

Edward G. Miner Library
University of Rochester School of Medicine and Dentistry
Rochester, New York

Richard A. Lyders, President-Elect

Houston Academy of Medicine-Texas Medical Center Library
Houston, Texas

Frances Groen, Immediate Past President

University Library
McGill University
Montreal, Quebec

Jo Anne Boorkman, Director

Carlson Health Sciences Library
University of California-Davis
Davis, California

Jacqueline D. Doyle, Director

Health Science Library
Good Samaritan Medical Center
Phoenix, Arizona

Carol G. Jenkins, Director

Health Sciences Library
University of North Carolina-Chapel Hill
Chapel Hill, North Carolina

*Henry L. Lemkau, Jr., Director

Louis Calder Memorial Library
University of Miami School of Medicine
Miami, Florida

Carolyn Anne Reid, Director

Medical College Library
Cornell University
New York, New York

Mary L. Ryan, Director

Section Council Chairman
U.S. FDA Medical Library
Rockville, Maryland

Julia Sollenberger, Director

Chapter Council Chairman
Edward G. Miner Library
University of Rochester School of Medicine and Dentistry
Rochester, New York

Frieda O. Weise, Director
Library of the Health Sciences
University of Illinois-Chicago
Chicago, Illinois

Joan S. Zenan, Director

Savitt Medical Library
University of Nevada
Reno, Nevada

Raymond A. Palmer, Executive Director

Medical Library Association
Chicago, Illinois

Appointed Officers

Raymond A. Palmer

Executive Director
Medical Library Association
Chicago, Illinois

**Irwin H. Pizer

Editor, *Bulletin of the Medical Library Association*
Chicago, Illinois

Julie Ann Kesti

Editor, *MLA News*
Library
Central Training Academy
U.S. Department of Energy
Albuquerque, New Mexico

J. Michael Homan

Managing Editor of Books
University of California-Irvine
Irvine, California

David S. Curry

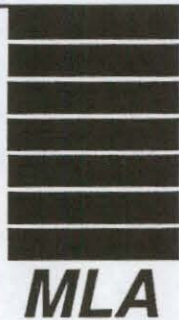
Parliamentarian
Hardin Library of the Health Sciences
University of Iowa
Iowa City, Iowa

Mary E. Helms

Sergeant-at-Arms
School of Medicine Library
PHILSOM Office
Washington University
St. Louis, Missouri

*Henry L. Lemkau, Jr., resigned effective March 1991

**Irwin H. Pizer resigned effective February 1991



*Working Together to Promote Excellence
in Health through Access to Information*

*gratefully acknowledges the following organizations
for their financial commitments in support of the
"Shaping the Future" Corporate Support Campaign.*

1990/91 Corporate Members

LIFETIME PATRONS

EBSCO Subscription Services •
The Faxon Company •
Login Brothers Book Company •
Majors Scientific Books and Subscriptions •
Matthews Medical and Scientific Books, Inc. •

PATRONS

Ballen Booksellers International, Inc. •
Marquis Who's Who/
Macmillan Directory Division •
Mosby-Year Book, Inc. •
PaperChase •
Readmore, Inc. •
Springer-Verlag New York, Inc. •

SPONSORS

J.B. Lippincott Company •
New England Journal of Medicine/
Massachusetts Medical Society
Research Information Systems, Inc. •
Williams & Wilkins •

DONORS

Cambridge Scientific Abstracts/
Cambridge Scientific •
DIALOG Information Services, Inc. •
Gaylord Brothers
Information Access Company •
Kluwer Academic Publishers
OCLC Online Computer Library Center, Inc. •
PsycINFO/American Psychological Association •
University Microfilms International

• 1991 Annual Meeting Exhibitors

Medical Library Association
Suite 300
Six North Michigan Avenue
Chicago, Illinois 60602

For further information about MLA corporate membership and
benefits, please contact Katie E. Corcoran, 312/419-9094

▲ SEVERAL GENEROUS ORGANIZATIONS have lent their financial support to this year's annual meeting. For a complete listing of supporters, please see the sign in the registration area.

Grateful acknowledgement is extended to

Alfred Jaeger, Inc.

Apple Computer

BRS Information Technologies

Ballen Booksellers International

DIALOG Information Services

EBSCO Subscription Services

The Faxon Company

Gordon and Breach Science Publishers

Information Access Company

The Library, University of California-San Francisco

Login Brothers Book Company

Majors Scientific Books, Inc.

Mathews Medical and Scientific Books, Inc.

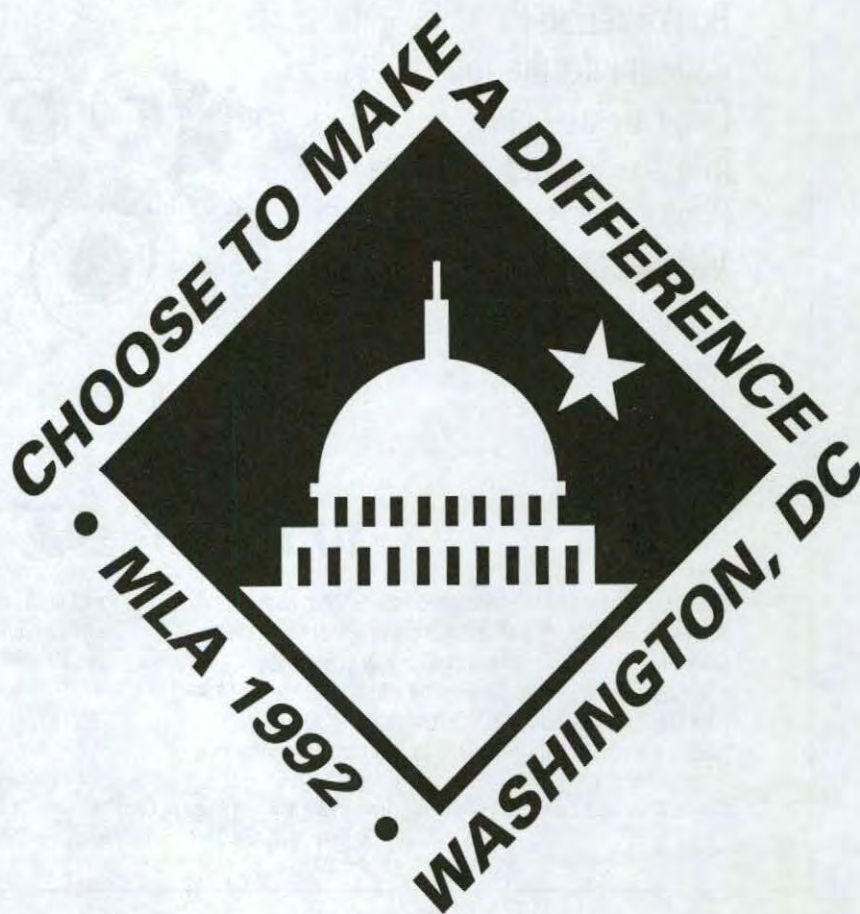
Northern California and Nevada Medical Library Group
(a chapter of MLA)

Readmore, Inc.

John Wiley & Sons

**START
PLANNING
NOW**

**FOR
WASHINGTON
DC**



MLA HEADQUARTERS STAFF

Executive Director's Office

Raymond A. Palmer, Executive Director
Mary M. Langman, Assistant to the Executive Director
John S. Estrada, Staff Assistant
Bertha M. Ruckman, Office Assistant

Financial and Support Services

Raymond S. Naegele, Director of Financial and
Administrative Services
Eliezer Ventura, Accounting and Records Manager
John Pawlikowski, Data-Processing Manager
Sofia Sierra, Accounting Assistant
Michael Bell, Office Services Assistant

Membership Services

Katie E. Corcoran, Membership Development Manager
Patricia Carolan, Secretary for Membership and Public
Relations
Kelly A. Rodenberg, Membership Services Assistant

Meetings and Events

Renee Carey, Professional Planners, Ltd.
Jacqueline Adams, Meetings and Professional
Development Assistant

Professional Development

Reneta Webb, Ph.D., Director of Professional
Development
Ann Landretti, Assistant to the Director of
Professional Development
Angela Hubbard, Professional Development Assistant

Publications

Kimberly Pierceall, Publications Manager
Kirstin Wilcox, Editorial Assistant
Stacia Hickey, Production Assistant
Barbara Redmond, Advertising Coordinator

When you have:

Books/serials
Patient information
Clinical/lab data
Information/referral files
Photos/films/tapes
Vital records



you need to:

Catalog/describe
Index/abstract
Order/route/circulate
Query/search/find
Display/publish

You need **STAR**[®]

That's because STAR was designed expressly to handle text databases and library and records management processes... adapting to *your* collection and *your* way of working.

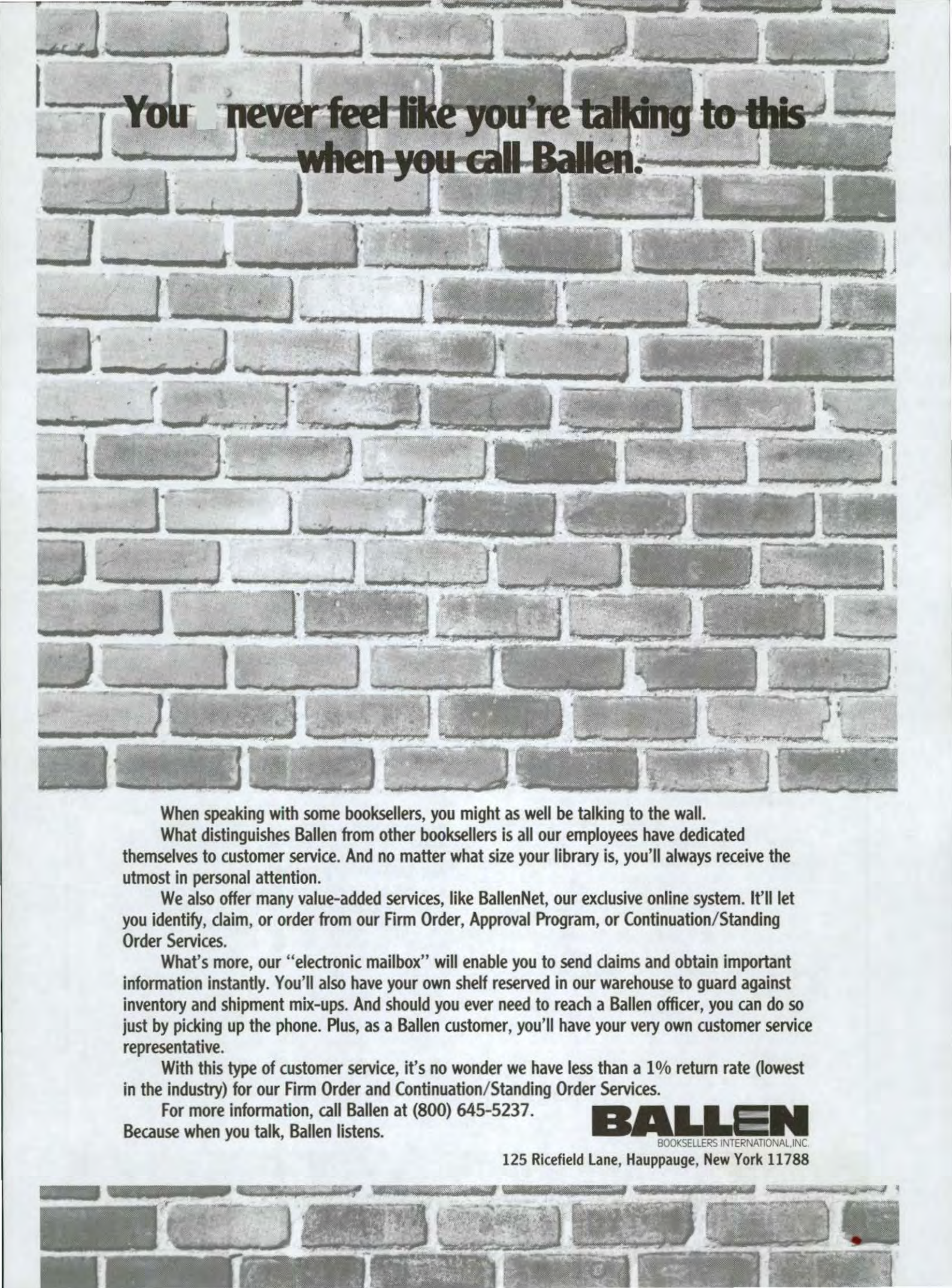
And you'll be in good company when you select STAR—with the National Multiple Sclerosis Society, Office on Smoking and Health, Group Health Association of America,

and both large and small special libraries throughout the U.S. and Canada. Call us for more information or visit our booth at the 1991 MLA Meeting.



The right tool for text management

Cuadra Associates, Inc., 11835 W. Olympic Blvd., Suite 855, Los Angeles, CA 90064 • Tel: (213) 478-0066 & (800) 366-1390 • Fax: (213) 477-1078
In New York: (212) 984-0743 • In Washington, D.C.: (202) 463-2107



**You never feel like you're talking to this
when you call Ballen.**

When speaking with some booksellers, you might as well be talking to the wall.

What distinguishes Ballen from other booksellers is all our employees have dedicated themselves to customer service. And no matter what size your library is, you'll always receive the utmost in personal attention.

We also offer many value-added services, like BallenNet, our exclusive online system. It'll let you identify, claim, or order from our Firm Order, Approval Program, or Continuation/Standing Order Services.

What's more, our "electronic mailbox" will enable you to send claims and obtain important information instantly. You'll also have your own shelf reserved in our warehouse to guard against inventory and shipment mix-ups. And should you ever need to reach a Ballen officer, you can do so just by picking up the phone. Plus, as a Ballen customer, you'll have your very own customer service representative.

With this type of customer service, it's no wonder we have less than a 1% return rate (lowest in the industry) for our Firm Order and Continuation/Standing Order Services.

For more information, call Ballen at (800) 645-5237.
Because when you talk, Ballen listens.

BALLEN
BOOKSELLERS INTERNATIONAL, INC.

125 Ricefield Lane, Hauppauge, New York 11788

Subscribe to the only Encyclopedia covering all aspects of the discovery, development, manufacture, regulation, and commercialization of drugs and dosage forms!

Encyclopedia of Pharmaceutical Technology

(In 12 Volumes)

Come see this
and many other superb
references at the MLA meeting
in San Francisco, June 2-5,
1991—BOOTH 108!

edited by

JAMES SWARBRICK
University of North Carolina, Chapel Hill

JAMES C. BOYLAN
Abbott Laboratories, Abbott Park, Illinois

Subscription Price: \$150.00 per volume
—a 15% discount off
the individual price!

Individual Price: \$180.00 per volume

Already published...

Vol. 1: Absorption of Drugs to Bioavailability of
Drugs and Bioequivalence

Vol. 2: Biodegradable Polyester Polymers as Drug
Carriers to Clinical Pharmacokinetics and
Pharmacodynamics

Vol. 3: Clinical Supplies to Dermal Diffusion and
Delivery Principles

Vol. 4: Design of Drugs to Drying and Dryers
(Other volumes in preparation)

International praise after publication of Volume 1...

"...a valuable, well presented and handsomely bound addition to the literature."

—*The Pharmaceutical Journal*

"This volume is recommended as a library acquisition, with the idea that a complete encyclopedia will be purchased over time. ...this series should be useful as a reference for an overview or an introduction to subjects related to pharmaceutical technology."

—*Pharmaceutical Research*

"...Volume 1 represents a very good start. It should appeal to a broad readership in all pharmaceutical sectors. Other volumes are awaited with interest."

—*The Pharmaceutical Society of Ireland*

"...this project is praiseworthy. ...The editors and the authors are to be congratulated. ...The hard cover of the book is very handsome and the paper and binding are designed to be hard-wearing in use. In conclusion: a good start to the project."

—*Pharmaceutical Technology*

LIBRARIANS—This *Encyclopedia* has Smyth sewn bindings and contains neutral-pH, coated paper for ease of use when opened and maximum longevity.

The *Encyclopedia of Pharmaceutical Technology* presents a timely, interdisciplinary source of up-to-date contributions by leading international authorities on all areas of drugs and drug delivery systems—in 12 volumes published at the rate of 2 volumes each year.

Divided into several categories, the *Encyclopedia of Pharmaceutical Technology* fully describes...

The Drug—

■ basic physicochemical properties ■ preformulation
■ pharmaceutical incompatibilities ■ metabolism
■ pharmacokinetics ■ stability ■ and more

The Drug Delivery System—

■ formulation development ■ scale up ■ engineering considerations ■ formulation and processing alternatives ■ analysis and control stability ■ process validation ■ bioavailability ■ clinical proof of safety and efficacy ■ packaging ■ IND and NDA consideration ■ regulatory aspects ■ national and international registration ■ patent considerations ■ and more

Post-Production Considerations—

■ patient compliance ■ physician/pharmacist/nurse preferences ■ state/national/international health services ■ governmental/industrial/professional organizations ■ patent life of drugs ■ and more.

MARCEL DEKKER, INC.

270 Madison Avenue, New York, NY 10016 • (212) 696-9000
Hutgasse 4, Postfach 812, CH-4001 Basel, Switzerland • Tel. 061/25 84 82

1991 NATIONAL PROGRAM COMMITTEE

Daniel T. Richards, Chairman
National Library of Medicine
Bethesda, Maryland

Kathryn J. Hoffman, Associate Chairman
Library, University of Texas Southwestern Medical Center
Dallas, Texas

John A. Breinich	Michelle Volesko
Alison Bunting	Kathleen Cimpl
James A. Curtis	Wagner
Susan A. Hawk	Linda A. Watson
Terry Ann Jankowski	Jacqueline Wilson
Frank O. Mason	M. Sandra Wood
Leonard Schrift	Joan S. Zenan
Marie C. Sparks	

Raymond A. Palmer, Program Staff
Lucretia W. McClure, Board Liaison
Pamela Jajko, Chairman, 1992 NPC

Local Assistance Committee

Jacqueline Wilson, Chairman	Mary Ellen Lemon
Ysabel Bertolucci	Betty Maddalena
Kelly Boyer	Jeannette McCray
Judy Bube	Katalin Pavlath
Lisa Dunkel	Rochelle Schmalz
Linda Grix	Peggy Tahir
Pamela Jajko	Mabel Trafford
Dolores Judkins	
Debra Ketchell	

Facility Assistance Subcommittee

Lisa Dunkel, Chairman	Justine Roberts
Elisabeth Bell	Dorothy Spencer
Penny Coppernoll-Blach	Billie Stutts White
Linda Morgan	

Hospitality Subcommittee

Ysabel Bertolucci, Chairman	Elizabeth Mason
Marie Abbruzzese	George McGregor
Bette Anton	Marsha Mielke
Alice Bodtke-Roberts	Michael Newman
Angie Brunton	Janice Perlman-Stites
Beverlee French	Gretchen Peterson
Sara Gouveia	Janet Phillips
Barbara Houghton	Mary Jane Poklar
Alison Howard	Katherine Renick
Norma Kobzina	Leonard Shapiro
William Koch	Billie Stutts White
Charleen Kubota	Marda Woodbury
Judy Labovitz	Maryann Zaremska
Vincent Lagano	

Hospitality Subcommittee—Restaurant Guide Group

Alice Bodtke-Roberts, Chairman	
Bette Anton	Steve Renick,
Norma Kobzina	Special Graphics
Brenda Martin	Consultant
George McGregor	Beth Weil
Katherine Renick	

Publicity Subcommittee

Peggy Tahir, Chairman	
Penny Coppernoll-Blach	Norma Kobzina
Beverlee French	Barbara Slater
Ann Hubble	Angela Wesling
Shirley Kinoshita	Nancy Zinn

Social Events Subcommittee

Rochelle Schmalz, Chairman	
Sally Chu	Ronald Schultz
Deborah Hunt	Marda Woodbury
William Koch	Beatrice Yuan
H. Wen Ng	

Tours/Sightseeing Subcommittee

Katalin Pavlath, Chairman	
Nancy Austin	Janet Phillips
Angie Brunton	Bernice Quinn
Sally Chu	Ronald Schultz
Sara Gouveia	Anna Sims
H. Wen Ng	Stephen Tarczy
Herman Pai	Beatrice Yuan

ESSENTIAL ACQUISITIONS FROM THE
AMERICAN ASSOCIATION FOR CANCER RESEARCH

**Priority reading for 50 years —
cited more than any other
journal in its field**

CANCER RESEARCH

The Official Journal of
the American Association
for Cancer Research

Vol. 51, 1991 (twice monthly)

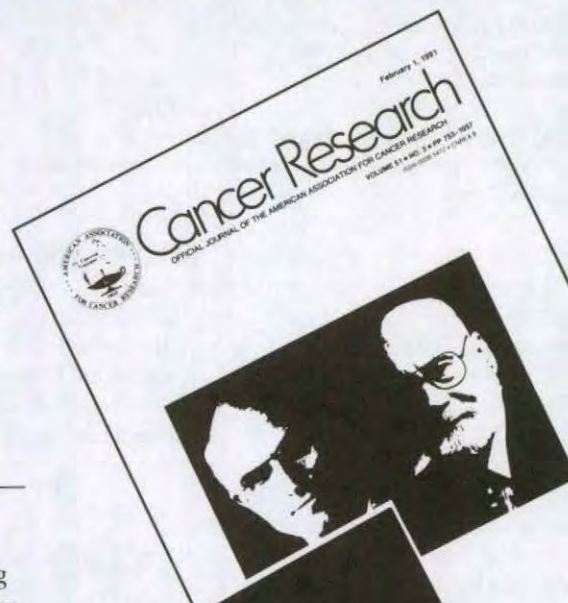
Editor-in-Chief:

Carlo M. Croce, M.D.

- State-of-the-art laboratory and clinical investigations
- Perspectives in Cancer Research
- Supplemental symposia-based issues
- *Proceedings of the American Association for Cancer Research*: annual issue of research abstracts

1991 Rate: \$350/year
+ \$60 delivery outside US

ISSN #0008-5472



**And now, another major
resource commanding
international attention**

**CELL GROWTH
& DIFFERENTIATION**

The Molecular Biology Journal
of the American Association
for Cancer Research

Vol. 2, 1991 (monthly)

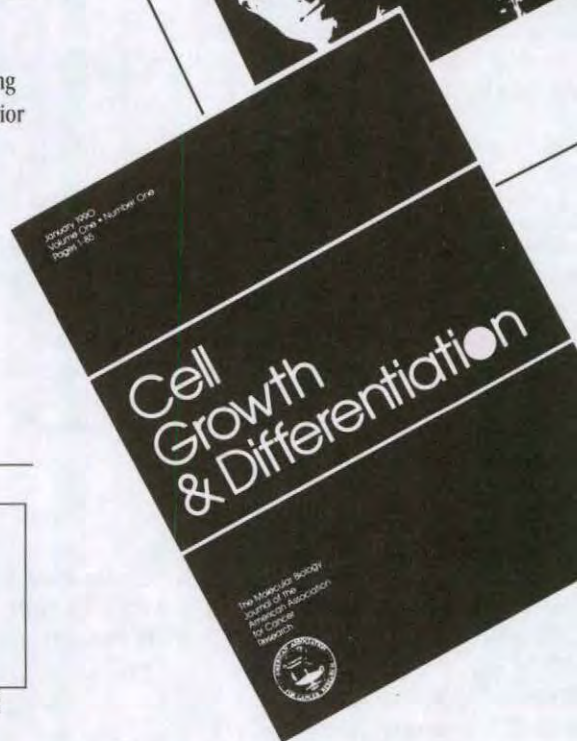
Editor-in-Chief:

George F. Vande Woude, Ph.D.

- Original *in vitro* and *in vivo* studies of mechanisms underlying normal and abnormal cell behavior and cell growth control
- Research Capsules
- Viewpoints

1991 Rate: \$150/year
+ \$20 delivery outside US
Sample copy available

ISSN #1044-9523



ORDER BOTH TODAY!

Williams & Wilkins
428 East Preston Street
Baltimore, MD 21202
1-800-638-6423
1-800-638-4007 in Maryland

- PEER REVIEWED
- ANNUAL INDEX
- PRINTED ON ACID-FREE PAPER

A NEW JOURNAL IN NOVEMBER 1991 FROM THE AACR

CANCER EPIDEMIOLOGY, BIOMARKERS & PREVENTION

Co-sponsored by the
American Society of
Preventive Oncology

Vol. 1, 1991-1992 (bimonthly)

Editor-in-Chief:

Pelayo Correa, M.D.

Original research on causes and prevention of cancer in humans

Vol. 1 (7 issues): \$130
+ \$20 delivery outside US

Charter Subscription: 15% discount on
Vol. 1 before December 1, 1991: \$110

Sample copy available,
Fall 1991, from American
Association for Cancer Research
215-440-9300; FAX 215-440-9354

**Visit Booth 123 at the
MLA Annual Meeting.**

Academy of Health Information Professionals

MLA members attending the 1991 Annual Meeting are eligible to receive one contact hour for each day of meeting attendance, up to three contact hours per year. In addition, the Academy of Health Information Professionals recognizes contact hours earned by taking continuing education courses and symposia. Visit the MLA Booth (East Lounge, B level) to learn more about the Academy of Health Information Professionals, MLA's credentialing program.

Academy of Health Information Professionals Consultations

The Credentialing Committee and the Professional Recognition Review Panel will be available from 6:00 P.M. to 7:00 P.M. on Monday, June 3, in the Monterey B room on the fourth floor to consult with members who have specific questions on the academy application process or requirements. No portfolios will be accepted or reviewed at this session.

Building Networks with Colleague Connection

The Membership Committee is sponsoring the Colleague Connection program for new members and first-time meeting attendees. First-timers can meet peers and build networks with the help of experienced member colleagues; each pair of colleagues sets its own schedule. The deadline for participating in the program was May 1, 1991; for an "emergency connection" or to help a new colleague, contact Leilani St. Anna at the New Member/First-Time Attendee Orientation in Continental 7 and 8 on B level (Sunday, June 2, 8:00 A.M.).

Chapter Sharing Roundtables and Luncheon

Roundtable discussions and a luncheon are scheduled for Tuesday, June 4, from 11:30 A.M. to 1:00 P.M. (Plaza B, B level) as an opportunity for chapter members to share experiences and expertise informally with members of other chapters. Discussions will concentrate on specific areas of interest such as continuing education, governmental relations, research, bylaws, honors and awards, program planning, membership, finance, relation of chapters to MLA, and officer responsibilities. There will also be a discussion group for representatives of state groups. Facilitators and appropriate resource people will be available to answer specific questions. A box lunch is available for \$16.50, but you do not need to attend the luncheon to take part in a roundtable discussion. Please inquire at the Registration Center if you wish to participate in this event.

Child Care

Child care can be arranged through the Bay Area Babysitting Agency at 415/991-7474. **Please note:** This agency is NOT associated with the Medical Library Association and any use of such is strictly by agreement between the provider and the user. MLA disclaims any liability for the use of child care services.

Exhibit 1991

The MLA Hall of Exhibits is located in the Grand Ballroom of the San Francisco Hilton. The Hall of Exhibits will open Sunday, June 2, with a gala Welcome Reception and Opening of the Hall of Exhibits from 6:00 P.M. to 8:00 P.M. This year's exhibit features more than 100 companies serving the biomedical information community. Take advantage of this unique opportunity to see the latest in health sciences books and journals, database services, library equipment and supplies, and state-of-the-art computer software and hardware, including CD-ROM products.

Hall of Exhibit Hours

Sunday, June 2	6:00 P.M.-8:00 P.M.
(Welcome Reception and Opening of the Hall of Exhibits)	
Monday, June 3	10:00 A.M.-5:00 P.M.
Tuesday, June 4	10:00 A.M.-5:00 P.M.
Wednesday, June 5	10:00 A.M.-2:00 P.M.

Exhibit Guide

For your convenience, the "Guide to Exhibits" has been included as part of the *Official Program*. Each exhibitor's name, address, and phone number (along with a brief description of exhibited items) is listed, beginning on page 59. Use this section to plan your visits to the MLA Hall of Exhibits.

Film Festival

Coordinated by the Educational Media and Technologies Section, the 1991 Film Festival will feature award-winning films from the Health Sciences Communication Association's (HeSCA) Film Festival. Films will be screened Monday, June 3, in the Sausalito room on the fourth floor. A drawing for free videos, generously donated by vendors, will be held at each session. Only those present will be eligible to win. Title listings are included with your registration materials, as well as the time and place of the showings. Extra schedules are available at the Registration Center.

Guide to Libraries

Copies of "A Guide to Libraries," a list of health sciences libraries in the San Francisco Area that are open to visitors during the 1991 Annual Meeting, is available at the MLA Hospitality Center in the registration area.

Handicapped Access

All rooms in the San Francisco Hilton are accessible to handicapped individuals. Those requiring special assistance should notify the MLA Office located in the Powell room, on the sixth floor (see "MLA Office," page 11, for hours).

Honors and Awards

In a departure from tradition, the 1991 Annual Meeting does not include a separate Honors and Awards Ceremony. Instead, the presentation of honors and awards will be appended to business and plenary sessions as indicated in the "Daily Program."

Hospitality Center

The Local Assistance Committee welcomes you to San Francisco and invites you to visit the Hospitality Center, located in the East Lounge on B level. Committee members will be happy to answer any questions you may have on the San Francisco area and provide information on local restaurants, points of interest, tips on shopping, or just some friendly conversation.

Hospitality Center Hours

Thursday, May 30	4:00 P.M.–8:00 P.M.
Friday, May 31	8:00 A.M.–8:00 P.M.
Saturday, June 1	8:00 A.M.–8:00 P.M.
Sunday, June 2	8:00 A.M.–6:00 P.M.
Monday, June 3	8:00 A.M.–6:00 P.M.
Tuesday, June 4	8:00 A.M.–6:00 P.M.
Wednesday, June 5	8:00 A.M.–4:00 P.M.

Instructors Breakfast

Instructors of MLA courses and members interested in becoming MLA instructors are invited to attend the Instructors Breakfast, 7:00 A.M.–8:00 A.M., on Wednesday, June 5, in Imperial Ballroom A on B level. The continental breakfast provides an opportunity for current and potential MLA instructors to share ideas with others who teach the same or similar courses. To purchase tickets (\$15.00 each) on-site, please inquire at the Registration Center.

The Instructors Breakfast is sponsored by the Continuing Education Committee's Instructor Approval, Evaluation, and Support Subcommittee.

Job Market

Improve your chances of finding the right job, learn new skills for your library, and learn about MLA's new information network "IN-MLA"—all through the MLA Job Market! Let the experts help you in sessions on Monday, June 3, and Wednesday, June 5, in the Monterey A room on the fourth floor. For further information, check the "Daily Program" or stop by the Placement Service in the Tower room on the Lobby level.

Learn the "Nuts and Bolts"— Annual Meeting Orientation

Attend the New Member/First-Time Attendee and International Visitor Orientation and Reception. MLA's Membership Committee and International Cooperation Section extend a warm welcome to all new members, first-time meeting attendees, and international visitors! As your first meeting can be a bit overwhelming, join experienced members for a special orientation on Sunday, June 2, at 8:00 A.M. in Continental 7 and 8 on B level.

The orientation and reception is partially funded by BRS Information Technologies.

Lost and Found

Please return lost-and-found items to the MLA Office located in the Powell room, on the sixth floor (see "MLA Office," page 11, for hours).

Lunch and Learn

This new feature of the annual meeting was developed in response to the need for more opportunities to learn what's new in the health sciences information industry. These professional and educational workshops allow exhibitors to demonstrate new products and services of interest to the MLA membership. Lunch and Learn sessions are scheduled for Monday, June 3, and Tuesday, June 4, from NOON–12:45 P.M. Please see the "Daily Program" for detailed information about each day's sessions. Attractive and inexpensive box lunches will be available for "cash and carry" in the Hall of Exhibits. This will allow attendees to enjoy lunch while attending the workshops.

Member Resource Room

For your convenience, typewriters, a photocopier, and an IBM-compatible PC (with tractor-feed printer) are available for association business in the Member Resource Room. Sign-up sheets for equipment will be available in the resource room. WordPerfect 5.0 is available for your word-processing needs, but you must provide your own 5 1/4" diskettes. The Member Resource Room is located in the Lombard room on the sixth floor.

Member Resource Room Hours

Saturday, June 1	7:30 A.M.–NOON 1:00 P.M.–5:30 P.M.
Sunday, June 2– Wednesday, June 5	7:00 A.M.–NOON 1:00 P.M.–6:00 P.M.

Sponsored by Login Brothers Book Company

Membership Open Forum—

"Your Thoughts Count!"

Join the Membership Committee and members of the Board of Directors for stimulating and lively discussion of alternative dues and benefit structures. Your ideas, feedback, and questions are welcome at this session on Sunday, June 2, from 8:00 P.M. to 9:00 P.M. (immediately following the Welcome Reception), in the Plaza Ballroom on the Lobby level.

Message Center

The attendee message center and bulletin boards for all MLA official announcements are located near the Hospitality Center, in the East Lounge on the B level.

MLA Booth—"Information Central"

The MLA Booth is your source for information on MLA programs, services, and products. Member volunteers and headquarters staff are available to answer your questions as you browse through MLA brochures, publications, and promotional materials for your library. You can purchase or order all display items or titles through the Registration Center. The MLA Booth is located in the East Lounge on the B level (in the registration area).

MLA Booth Hours

Saturday, June 1	10:00 A.M.—5:00 P.M.
Sunday, June 2	10:00 A.M.—1:00 P.M. 3:00 P.M.—5:00 P.M.
Monday, June 3	10:00 A.M.—5:00 P.M.
Tuesday, June 4	11:00 A.M.—5:00 P.M.
Wednesday, June 5	10:00 A.M.—4:00 P.M.

MLA Garden Cafe

Located in the Hall of Exhibits, the MLA Garden Cafe will offer inexpensive and appetizing lunches from 11:45 A.M. to 2:00 P.M., on Monday, June 3, through Wednesday, June 5. All coffee breaks will also be served in the MLA Garden Cafe.

MLA Office

The MLA Office is located in the Powell room on the sixth floor. You may leave messages for members of the Board of Directors and MLA staff there.

MLA Office Hours

Wednesday, May 29	7:30 A.M.—NOON 1:00 P.M.—5:30 P.M.
Thursday, May 30	7:30 A.M.—NOON 1:00 P.M.—5:30 P.M.
Friday, May 31	7:30 A.M.—NOON 1:00 P.M.—5:30 P.M.
Saturday, June 1	7:30 A.M.—NOON 1:00 P.M.—5:30 P.M.
Sunday, June 2	7:00 A.M.—NOON 1:00 P.M.—6:00 P.M.
Monday, June 3	7:00 A.M.—NOON 1:00 P.M.—6:00 P.M.

Tuesday, June 4	7:00 A.M.—NOON 1:00 P.M.—6:00 P.M.
Wednesday, June 5	7:30 A.M.—NOON 1:00 P.M.—5:30 P.M.
Thursday, June 6	7:00 A.M.—NOON 1:00 P.M.—5:30 P.M.
Friday, June 7	7:30 A.M.—NOON 1:00 P.M.—5:30 P.M.

Morning Walk

This is your chance to explore San Francisco in the early morning hours with your friends and colleagues. All interested attendees are invited to this early morning walk at 6:30 A.M. on Tuesday, June 4, and Wednesday, June 5, sponsored by Majors Scientific Books, Inc. Please meet in the lobby of the San Francisco Hilton.

Newsletter

The 1991 Annual Meeting newsletter, *Bay City Beat*, will be published on Sunday, Monday, Tuesday, and Wednesday. Attendees are invited to submit items for publication. Instructions for publishing items in the newsletter are available at the Hospitality Center. **Please note:** copy must be submitted to the Hospitality Center no later than 1:00 P.M. on the day preceding publication.

1992 Annual Meeting

The 92d Annual Meeting of the Medical Library Association will be held in Washington, DC, Sunday, May 17, through Wednesday, May 20, 1992, at the Sheraton Washington Hotel. A call for participation in the 1992 program is included with your registration materials.

The 1992 NPC invites you to stop by Booth 217/218 in the MLA Hall of Exhibits for additional information and the opportunity to enter a raffle and win one of the NPC's many exciting prizes. The committee will be extending a formal invitation to the 1992 Annual Meeting during Business Session III (Wednesday, June 5, 5:00 P.M.—6:00 P.M.)

1992 Planning Grid

Curious about the Planning Grid located in the registration area? It is your tool for submitting new ideas for programs, short educational workshops, posters, or papers for the 1992 Annual Meeting in Washington, DC. Sections can use it for joint programming possibilities. Committee chairs can list important meetings to avoid scheduling conflicts. Yes, you can still submit your proposal during the 1991 Annual Meeting; instructions for submission will be posted at the grid. If you have a questions about using the Planning Grid, join members of the 1992 NPC for a meeting on Monday evening, June 3, in Franciscan A on B level, from 5:45 P.M. to 7:30 P.M.

Placement Service— "Jump Start Your Job Search"

Seeking a new job or a change of scenery? Looking for the perfect employee to fill your position? Let the Placement Service help you! The Placement Service is free to all annual meeting participants and provides a friendly meeting place for job seekers and employers. Located in the Tower room, on the Lobby level, the Placement Service will be open the following hours:

Orientation

Sunday, June 2 _____ 9:00 A.M.—10:00 A.M.

Placement Service

Saturday, June 1 _____ 1:00 P.M.—4:00 P.M.

Sunday, June 2 _____ 10:00 A.M.—4:00 P.M.

Monday, June 3 _____ 8:00 A.M.—5:00 P.M.

Tuesday, June 4 _____ 8:00 A.M.—5:00 P.M.

Wednesday, June 5 _____ 8:00 A.M.—5:00 P.M.

Individual job seekers and employers can submit late applications to the Placement Service through Monday, June 3. Photocopying facilities will be available; catalogs of Job Opportunities and Applicant Availability forms will be on sale beginning Wednesday, June 5.

Postconference Symposia

Unified Medical Language System (UMLS) and Its Applications for Integrated Academic Information Management Systems (IAIMS)

MLA has collaborated with the American Medical Informatics Association (AMIA) to hold AMIA's Second Annual Education and Research Conference in conjunction with MLA's Annual Meeting. The two associations are cosponsoring a one-day symposium on Thursday, June 6, from 8:30 A.M. to 5:00 P.M., titled "Unified Medical Language System (UMLS) and Its Applications for Integrated Academic Information Management Systems (IAIMS)." Room assignments are listed in the "Daily Program." For on-site registration information, please inquire at the Registration Center. Fee: \$110.00 (lunch not included).

The Research Process: From Proposal Writing to Publication

MLA and the Library Research Section will cosponsor a symposium titled, "The Research Process: From Proposal Writing to Publication" on Thursday, June 6, from 9:00 A.M. to 4:30 P.M. Room assignments are listed in the "Daily Program." For on-site registration information, please inquire at the Registration Center. Fee: \$110.00 (includes lunch).

Public Transportation

A representative from MUNI, the San Francisco public transportation system that runs the cable cars and bus system, will have a desk in the MLA Registration Center on Saturday, June 1, and Sunday, June 2, from 10:00 A.M. to 2:00 P.M. Discount tickets will be available for sale, as well as information on the system.

Registration Center

The Registration Center is located in the East Lounge on B level. If you have preregistered, pick up your registration packet there. If you have not already registered, you can do so at the Registration Center.

Registration Center Hours

Thursday, May 30 _____ 4:00 P.M.—8:00 P.M.

Friday, May 31 _____ 7:00 A.M.—6:00 P.M.

Saturday, June 1 _____ 7:00 A.M.—6:00 P.M.

Sunday, June 2 _____ 7:00 A.M.—6:00 P.M.

Monday, June 3 _____ 7:00 A.M.—4:00 P.M.

Tuesday, June 4 _____ 8:00 A.M.—4:00 P.M.

Wednesday, June 5 _____ 8:00 A.M.—4:00 P.M.

Thursday, June 6 _____ 7:00 A.M.—10:00 A.M.

Restaurant Reservations

Reservations Tonight! will have a desk in the registration area near the MLA Hospitality Center to make dinner reservations for you.

Reservations Tonight! Hours

Friday, May 31 _____ NOON—6:00 P.M.

Saturday, June 1 _____ NOON—6:00 P.M.

Sunday, June 2 _____ 8:30 A.M.—6:00 P.M.

Monday, June 3 _____ 8:30 A.M.—6:00 P.M.

Tuesday, June 4 _____ 8:30 A.M.—6:00 P.M.

Ribbons, Badges, and Buttons

Color-coded badges and ribbons are provided to assist you in identifying the roles and responsibilities of each registrant. Asterisk buttons indicate a registrant's membership and level in the Academy of Health Information Professionals.

Ribbons

Brown _____	Presenters
Dark blue _____	Chapter Council representatives and alternates, chapter chairmen
Light blue _____	Committee chairmen, committee members, and representatives to allied organizations
Gold _____	Membership Committee
Dark green _____	Section Council representatives and alternates, section chairmen
Light green _____	First-time attendees, new members, guests
Lavender _____	International Cooperation Committee, international visitors
Maroon _____	Fellows, honorary members
Orange _____	MLA staff
Pink _____	Local Assistance Committee, Hospitality Committee, volunteers
Purple _____	Exhibitors
Red _____	Sponsors
Rose _____	National Program Committee
Silver _____	Past presidents
Yellow _____	MLA-approved instructors, speakers, moderators
White _____	Officers, Board of Directors, appointed officers

Badges

Blue _____	Regular, emeritus, fellow, honorary, and life individual members
Pink _____	Institutional representatives
Yellow _____	Institutional representatives <i>and</i> one of the above categories
White _____	Nonmembers, exhibitors, sustaining members, associate members, student members, and headquarters staff

Safety Tips

Emergencies

If an emergency occurs while you are in the hotel, dial "0" for the hotel operator or "444" for security. State your location and the type of emergency help that you require. After you have requested emergency help, please notify the MLA Office.

Fire Precautions

All conference hotel facilities meet local fire regulation standards. However, to be prepared in case of a fire emergency, keep these measures in mind:

- When first entering your room, locate the emergency exits on your floor. Count the number of doorways from your room to the fire exit. Keep your key in the same place whenever you are in the room.
- In the event of a fire in your room, get out, close the door behind you, get to safety, and immediately report the fire.
- If the fire is not located in your room, check to see if the door is hot before opening. If the door is cool, take your key, open the door slowly, and proceed to the nearest exit (crawl if the hall is filled with heavy smoke). Do not use elevators. If the door is hot, do not leave your room. Seal the cracks with wet towels, phone for help, and wait.

Walking San Francisco

As in all large cities, there are certain areas of San Francisco that a prudent visitor who doesn't know the city should avoid. It is suggested that you not walk south of the San Francisco Hilton, particularly after dark. The areas east (toward Union Square) or north (up the hill) of the San Francisco Hilton are considered safer. Some other suggestions:

- Do not wear your badge outside the hotel. It identifies you as a visitor.
- Carry handbags securely; place wallets inside jacket pockets.
- Do not carry excess cash. The San Francisco Hilton provides safety deposit boxes. Use them for storing extra cash, jewelry, airline tickets, and any other valuables.

Scholarship Booth

Support the MLA scholarship program with a donation to the Scholarship Fund and receive a souvenir from this year's meeting. Cash, checks, Visa, and MasterCard are accepted. The Scholarship Booth is located in the Registration Center and is open Sunday, June 2, through Wednesday, June 5, 9:00 A.M.-4:00 P.M.

Section Breakfast/Luncheons

The following MLA sections are offering special breakfast or luncheon meetings. You may purchase tickets for these events at the Registration Center.

Chiropractic Libraries Section

A continental breakfast will be served on Wednesday, June 5, at 7:30 A.M., in the Marin room on the fourth floor, followed by the section business meeting and a program focusing on the state of chiropractic indexing and abstracting services. Tickets are \$15.00 each.

Hospital Libraries Section

This section will host a box lunch and business session on Wednesday, June 5, at 11:30 A.M. in Continental 6 on the B level. Tickets are \$16.50 each. Please inquire at the Registration Center if you wish to attend the business session but not the lunch.

Medical Society Libraries Section

The box lunch and program on Wednesday, June 5, NOON-2:00 P.M. in the Belmont room on the fourth floor, deals with the California Medical Association's pioneering role in the development of AIDS policy. Tickets are \$16.50 each. Please inquire at the Registration Center if you wish to attend the program but not the lunch.

Pharmacy and Drug Information Section

A luncheon and the Excerpta Medica Lecture will be held on Wednesday, June 5, 11:30 A.M.-1:30 P.M. in Franciscan C on B level. Murray B. Gardner, M.D., Director, Center for AIDS Research, University of California-Davis, Davis, CA, is the 1991 Excerpta Medica Lecturer. This lecture is sponsored by the section and the Excerpta Medica Publishing Group of Elsevier Science Publishers. Tickets are \$28.00 each.

Social Events

Welcome Reception and Opening of the Hall of Exhibits

We invite all MLA members, guests, and friends to assemble by 6:00 P.M. on Sunday, June 2, in the Yosemite Ballroom, on B level in Building 2. Here you will be greeted with a few words of welcome followed by the entrance of the Chinese Lion Dancers, who will lead our group with drums, cymbals, and gong into the Hall of Exhibits for the Welcome Reception. Say hello to old friends, view a demonstration of Chinese wok cooking, and see what's new in health sciences information. Additional tickets to the Welcome Reception and Opening of

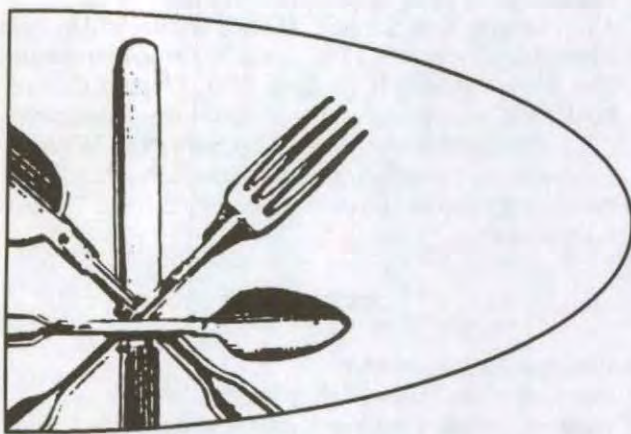
the Hall of Exhibits are available at the Registration Center for \$20.00 each.



Sunrise Fiesta

For a festive beginning to a busy day, mix steaming fresh coffee with a dash of early morning sunshine. Add friends, colleagues, and good conversation to taste. A pinch of south-of-the-border hospitality will create the perfect morning wake-up in the Imperial Ballroom prior to the 7:30 A.M. Business Session I on Monday, June 3. A reasonably priced and appetizing express breakfast will be available 7:00 A.M.-7:30 A.M.

Coffee compliments of BRS Information Technologies and EBSCO Subscription Services.



President's Reception

Our Students = Our Future

On Tuesday, June 4, from 6:30 P.M. to 8:30 P.M., President Lucretia W. McClure invites you to join her at the University of California-San Francisco Library for a unique evening to benefit an excellent cause. Enjoy this distinctive setting (featured in the April 1991 issue of the *Bulletin of the Medical Library Association*) while sampling California wines (donated by physicians and scholars

who own and operate their own vineyards) and savoring a selection of delicious hors d'oeuvres. An unusual and enjoyable touch will be a trio of harpists who will provide music for this special evening. Proceeds from the evening will be used to establish MLA student chapters and develop programs to involve students in the association. Tickets are still available at the Registration Center. Your \$35.00 donation is tax deductible to the extent allowed by law.

Transportation will be available, departing at 6:00 P.M. from the Taylor Street entrance of the San Francisco Hilton.

Physicians and Scholars Donating Wines

<u>Producer</u>	<u>Solicited by</u>
Joseph Roche, M.D. _____ Roche Carneros Estate Winery Sonoma, CA	Rochelle Schmalz St. Mary's Hospital and Medical Center San Francisco, CA
Bradley C. Brownson, M.D. _____ Little River, CA	Sally Chu Mills-Peninsula Hospital Burlingame, CA
James Lapsley _____ Orleans Hill Winery Woodland, CA	Beverlee French University of California- Davis, Davis, CA
Larry Turley, M.D. _____ Frog's Leap St. Helena, CA	Linda Grix Carmichael, CA
Mel Cellini _____ The Bisceglia Brothers Canandaigua Wine Company Canandaigua, NY	Dorothy Thurmond Guttman Library Sacramento-El Dorado Medical Society Sacramento, CA



Farewell Party

Bring the 1991 Annual Meeting to a close on Wednesday, June 5, 6:30 P.M.-8:00 P.M., among the world's finest collection of cable cars and cable car memorabilia, at the Cable Car Museum, Powerhouse and Car Barn, the hub of San Francisco's cable car system. Enjoy hors d'oeuvres, your choice of beverages, and a Dixieland band as you say goodbye to friends and colleagues. To get you in the mood, continuous shuttle transportation will be provided

by motorized cable cars. Departure will be from the Taylor Street entrance of the San Francisco Hilton, beginning at 6:15 P.M. Tickets for this event are available at the Registration Center for \$40.00.

MLA wishes to express its appreciation to EBSCO Subscription Services for its support of the Farewell Party.

Taped Sessions

A complete list of available audiotapes is included in your registration materials. Audiotapes can be purchased in the registration area at the Audio Transcripts Desk.

The McGovern, Doe, and Leiter Lectures will be videotaped. After the annual meeting, videotapes will be available to chapters and regional medical libraries for educational purposes from MLA headquarters. The videotaping is sponsored by Ballen Booksellers International.

Tickets

Purchase your tickets for special events at the Registration Center during regular hours. Tickets for the Welcome Reception and Opening of the Hall of Exhibits and the Farewell Party are included in the inclusive-conference fee. The conference-only fee includes one ticket to the Welcome Reception. You may purchase additional tickets for any of these events prior to the deadlines noted below. If you have any questions about special events or tickets, please inquire at the Registration Center.

Event/Date	Prices/Deadlines
Welcome Reception _____ Sunday, June 2	\$20.00 NOON, Sunday
Farewell Party _____ Wednesday, June 5	\$40.00 NOON, Tuesday
President's Reception _____ Tuesday, June 4	\$35.00 NOON, Monday
Chapter Sharing Roundtables and Luncheon _____ Tuesday, June 4	\$16.50 NOON, Monday
Instructors Breakfast _____ Wednesday, June 5	\$15.00 NOON, Tuesday
<i>Section Breakfast/Luncheons</i>	
Chiropractic Libraries Breakfast _____ Wednesday, June 5	\$15.00 NOON, Tuesday
Hospital Libraries Luncheon _____ Wednesday, June 5	\$16.50 NOON, Tuesday
Medical Society Libraries Luncheon _____ Wednesday, June 5	\$16.50 NOON, Tuesday
Pharmacy and Drug Information Luncheon _____ Wednesday, June 5	\$28.00 NOON, Tuesday

Make your search for health care information easier

Today's complex health care field affects every business and organization. Corporate, academic, government, and health care personnel need up-to-date information. HOSPITAL LITERATURE INDEX can help you find it.

Comprehensive The primary guide to hospital and health care literature, it indexes articles from more than 3,000 journals. You'll locate citations easily using the 1,200 subject headings.

Reliable Published by the American Hospital Association, in cooperation with the National Library of Medicine, it's the foremost health care planning bibliographic publication.

Current Three quarterly issues and a fourth cumulative volume feature up-to-date information on trends and administrative aspects of health care.

Economical The *Index* is a cost-effective complement to electronic searches and it's easy to use. A one-year subscription costs only \$185.00 (AHA nonmembers: \$230.00).

To order a subscription to the 1991 *Hospital Literature Index*, mail your purchase order to: American Hospital Publishing, Inc., 211 East Chicago Avenue, Chicago, Illinois 60611
Or call toll-free 800-621-6902 (Illinois 312/440-6800).

Questions about the *Index*? Call the American Hospital Association Resource Center at 312/280-6266.

American Hospital Association



Visit us at the American Hospital Association booth



▲ ALL CONTINUING EDUCATION courses will be held in the San Francisco Hilton. To register on-site, inquire at the Registration Center. Room assignments are listed below. Instructors' names are in parentheses. Please note that course numbers have been changed in the past year to correspond with the ten core areas of the Academy of Health Information Professionals.

Friday, May 31

- CE 004—Oncology: Concepts and Resources (Seltzer), 8:00 A.M.–5:00 P.M., Yosemite A, B level
- CE 401—Introduction to Microcomputers and Hard Disk Management (Murray and Way), 8:00 A.M.–5:00 P.M., Imperial A, B level
- CE 606—Teaching the Adult Learner in the Library Setting (Press), 8:00 A.M.–5:00 P.M. (day 1), Imperial B, B level
- CE 908—AIDS: Concepts and Resources (Ginn and Stevens), 8:00 A.M.–5:00 P.M., Franciscan B, B level
- NP 100—Effective Leadership in Complex Organizations (Staff, Institute of Cultural Affairs), 8:00 A.M.–5:00 P.M. (day 1), Plaza A, Lobby level
- NP 101—Getting Your Ideas Across: Communication Skills for Information Providers (Brown), 8:00 A.M.–5:00 P.M., Franciscan C, B level
- NP 102—Management Strategies for the One-Person/Minimal Staff Library (St. Clair), 8:00 A.M.–5:00 P.M. (day 1), Franciscan A, B level
- NP 103—Reading and Evaluating Reports of Clinical Research: A Basic Introduction (Fuller), 8:00 A.M.–5:00 P.M., Franciscan D, B level
- NP 105A—Total Quality Management for Libraries (Buchanan), 8:00 A.M.–5:00 P.M., Yosemite C, B level
- NP 106—Installing and Managing CD-ROM Databases (Silver and Murphy), 8:00 A.M.–5:00 P.M., Yosemite B, B level

Saturday, June 1

- CE 201—Understanding and Using Medical Terminology (Peloquin), 8:00 A.M.–5:00 P.M., Franciscan B, B level
- CE 601—Basic Library Management (Bell), 8:00 A.M.–5:00 P.M., Franciscan C, B level
- CE 606—Teaching the Adult Learner in the Library Setting (Press), 8:00 A.M.–5:00 P.M. (day 2), Imperial B, B level
- CE 607—Getting Funded: Developing Skills in Proposal Writing (Rees), 8:00 A.M.–5:00 P.M., Yosemite B, B level
- CE 911—Nursing Information Access: Library Service for the Nursing Profession (Allen), 8:00 A.M.–5:00 P.M., Yosemite A, B level
- CE 912—Geriatric and Gerontology Information Resources (Dahlen), 8:00 A.M.–5:00 P.M., Franciscan D, B level
- NP 100—Effective Leadership in Complex Organizations (Staff, Institute of Cultural Affairs), 8:00 A.M.–5:00 P.M. (day 2), Plaza A, Lobby level
- NP 102—Management Strategies for the One-Person/Minimal Staff Library (St. Clair), 8:00 A.M.–5:00 P.M. (day 2), Franciscan A, B level
- NP 105B—Total Quality Management for Libraries (Buchanan), 8:00 A.M.–5:00 P.M., Yosemite C, B level
- NP 107—Issues in Information Malpractice (Puckett and Ashley), 1:00 P.M.–5:00 P.M., Cypress, 4th floor
- NP 108—Management Communication in Information Organizations (White), 8:00 A.M.–5:00 P.M., Tiburon, 4th floor
- NP 109—Database Design and Construction (Batty), 8:00 A.M.–5:00 P.M., Imperial A, B level
- NP 111—Dealing with Difficult People (Baxter), 1:00 P.M.–5:00 P.M., Toyon, 4th floor
- NP 114—The Basics of Local Area Networks (Hayden), 8:00 A.M.–5:00 P.M., Walnut, 4th floor

Sunday, June 2

NP 112B—Integrated Multifunction Systems for Small Libraries (Boss), 8:00 A.M.–NOON, Franciscan A, B level

NP 117—Power and Influence (Baxter), 8:00 A.M.–NOON, Franciscan B and C, B level

NP 118—Using the PDQ Database (Staff, National Cancer Institute), 8:00 A.M.–NOON, Yosemite B, B level

NP 119—The Structure of Medical Information (Tuttle, Cole, and Nelson), 8:00 A.M.–NOON, Franciscan D, B level

NP 121—How Tos for Aspiring Advocates: Securing and Making the Most of Your Contacts in Washington (Forster), 8:00 A.M.–NOON, Tiburon, 4th floor

NP 122—Biotechnology: The Emerging NLM Databases (Staff, National Library of Medicine), 8:00 A.M.–NOON, Belmont, 4th floor

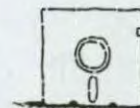
NP 123—Preservation Decision Making for Printed Materials (Byrnes), 8:00 A.M.–NOON, Yosemite C, B level

REDUCE YOUR SERIALS MANAGEMENT PROBLEMS.

Now you can use a few square inches of counter space to support a full serials management system. Remo, the first microcomputer based software package handles the full range of serials management functions. Remo offers automated claiming, routing management, analysis and user generated custom reports in a stand alone or network configuration.

Remo is the modern cost effective way to convert a time consuming manual process into a fast and easy check-in operation with full automated support. In the event of questions, an answer is only a phone call away on our toll free hot line.

Find out how Remo can help you reduce your serials management problems. Write for further information or call us at (800) 221-3306.



remo

READMORE

22 Cortlandt Street
New York, N.Y. 10007

READMORE

Academic Services
P.O. Box 1459
Blackwood, N.J. 08012

"Come Visit Us at Island A"

MLA / Association Publishers

A new partnership to serve you

Association Publishers, a division of Scarecrow Press, is pleased to become the publishing partner of the Medical Library Association.

These two organizations have now combined their individual talents to bring the best in books and services to the members of MLA and to the library and medical information fields as well.

Scarecrow Press, a subsidiary of Grolier Inc., has long been associated with bibliographies and with library science publications. Founder Dr. Ralph Shaw established Scarecrow Press to prove that scholarly books for a small market could be published without subsidy and produce profits for the publisher and royalties for the author.

To assist associations such as MLA, Scarecrow has established a separate division, Association Publishers, to serve as a publishing unit for associations--a unit geared to the concerns and needs of each association.

Through this joint publishing effort, MLA will continue to develop and edit all manuscripts to ensure the high quality of their contents, while Association Publishers will handle production, marketing, and order fulfillment. The combined effort will be called MLA/Association Publishers.

As part of this arrangement, Association Publishers is now handling the fulfillment of the backlist of MLA book titles. To expedite the fulfillment of future orders, please contact Association Publishers/Scarecrow Press:

P.O. Box 4167
Metuchen, NJ 08840
1-800-537-7107 • 908-548-8600

Come visit us at Booth #208 for special convention discounts.

AN URGENT MESSAGE FOR: Medical Librarians

FROM: VCH Publishers (formerly Verlag Chemie)
DATE: June 2--5, 1991
PHONE: 212 683-8333

BOOTH #:102

RE: Opportunity to learn about fast-growing, but not well-known medical publisher.

You probably know VCH Publishers (formerly Verlag Chemie) as a well-respected name in sci-tech publishing, especially chemistry.

You may not know VCH Publishers as a publisher and distributor of English-language books and journals in medicine and related disciplines.

Therefore, we invite you to visit our booth to learn more about the publications available from us, including the ones listed below.

DICTIONARY CLINICAL MEDICINE
Stephan Dressler
English/German
November, 1990 0-89573-993-3
Cloth 841pp \$105.00
German/English
May, 1991 0-89573-992-5
Cloth ca. 800pp \$175.00

NEW DRUGS FOR ASTHMA
Peter J. Barnes,
National Heart and Lung
Institute, UK
March, 1990 1-85271-055-1
Cloth 199pp \$105.00

IMMUNOTHERAPY AND VACCINES
Stanley Cryz, Editor
January, 1991 0-89573-969-0
Cloth 150pp \$85.00

DIAGNOSTIC SEMINARS IN PATHOLOGY
Ekkehard Grundmann
Diagnostic Seminars in Pathology,
Volume 1
July, 1990 0-89574-324-8
Paper 316pp \$62.00
Gustav Fischer Verlag

NATURAL RESISTANCE TO INFECTION
Clemens Sorg, Editor
December, 1990 1-56081-305-9
Paper 185pp \$42.00
Local Immunity, Volume 6
Gustav Fischer Verlag

ACCLAIMED JOURNALS FROM VCH...

ANGEWANDTE CHEMIE
International Edition in English
Editor: **Peter Göllitz**
ISSN: 0570-0833 *Published Monthly*
Institutional Subscription: \$560.00
ACS & GDch Members: \$190.00
Indexed in *Biological Abstracts*;
Excerpta Medica; *Index Medicus*;
Nutrition Abstracts and Reviews.
(Selective list).

**EUROPEAN JOURNAL
OF IMMUNOLOGY**
ISSN 0014-2980 (Vol. 21) 12 Issues
Institutional Subscription: \$587.00

Individual Subscription
(AAI Members): \$350.00

IMMUNOBIOLOGY
ISSN 0171-2985 (Vol. 184)
5 Issues
Institutional Subscription: \$224.00
Individual Subscription: \$148.00

**JOURNAL OF BIOCHEMICAL
TOXICOLOGY**
ISSN 0887-2082 (Vol. 6)
4 Issues
Institutional Subscription: \$135.00
Individual Subscription: \$65.00

**PATHOLOGY, RESEARCH
AND PRACTICE**
ISSN 0344-0338 (Vol. 187)
8 Issues
Institutional Subscription: \$487.00
Individual Subscription
(ESP Members): \$148.00

For customer service call
800/ 422-8824

Or write to:

VCH Publishers, Inc.,
220 East 23rd Street,
New York, NY 10010,
212/ 683-8333



**Exclusive distributor of Gustav
Fischer Verlag books and journals.**



CUT YOUR COSTS WITHOUT LOWERING YOUR STANDARDS

Concerned that you can't afford a complete, full-featured library automation system?

Now, you can set that concern aside.

Data Trek provides state-of-the-art library automation systems that maintain top library standards — and we do it affordably.

Data Trek's solutions are modularly designed to let you build a hardware and software system tailored to your library's needs and budgets. You can build as you grow OR as your budget dictates. Data Trek's modules include:

Cataloging, Serials, Acquisitions, Circulation, Databridge (a data import/export tool), and Online Public Access Catalog (OPAC) with PowerSearch.™

IBM-compatible, Macintosh, and VAX versions of Data Trek's software give you hardware flexibility. You can utilize current hardware or purchase a new system from us that satisfies your requirements and your budget.

Though low in price, Data Trek solutions do not skimp on standards! Modules have variable

field lengths, comprehensive reporting capabilities, powerful Boolean searching, index browsing, Hypertext-like searching, and full editing control. Each is designed to free you from clerical chores associated with everyday library operations — everything from claiming journals, to calculating usage statistics, to producing printed catalogs.

You can purchase full MARC modules that adhere to international library standards, AND you don't even have to know MARC to

reap the benefits of a fully standardized system.

Data Trek systems are not only powerful and sophisticated, they're easy to use.

The best part is Data Trek offers you all this AFFORDABLY.

Data Trek representatives have helped over 1600 librarians build software and hardware systems to meet short and long-term library needs. And we're prepared to help you too.

If you're looking for affordable, full-featured library automation check out Data Trek.

You (and your budget) will be glad you did.

FREE LIBRARY AUTOMATION SAMPLERS

Explore Data Trek's Free Samplers and see why over 1600 libraries have automated with Data Trek since 1981. Fill out this coupon, attach it to your letterhead, and mail it to Data Trek, Inc., 5838 Edison Place, Carlsbad, CA 92008.

- ULS Professional Series MARC Sampler 5¼" Disk 3½" Disk
 Datalog Manager Series Sampler 5¼" Disk 3½" Disk
 I'm interested in Mac I'm interested in VAX
 I would also like a cost justification work sheet.

NAME _____

TITLE _____

LIBRARY NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE () _____

Note: IBM PC, XT, AT or 100% compatible hardware with a high density disk drive or a hard disk required.

MLA1



DATA TREK, INC.
5838 Edison Place
Carlsbad, CA 92008
Telephone 619/431-8400
Toll free 800/876-5484

© 1991 DATA TREK, INC.

DAILY PROGRAM

Wednesday, May 29

8:00 A.M.-3:00 P.M.

Strategic Planning (Board of Directors)
Mason, 6th floor

3:00 P.M.-5:00 P.M.

Committee on Committees
Belmont, 4th floor

Thursday, May 30

8:00 A.M.-NOON

Board of Directors Orientation
Mason, 6th floor

1:00 P.M.-5:00 P.M.

Finance Committee
Mason, 6th floor

Friday, May 31

8:00 A.M.-5:00 P.M.

Board of Directors
Mason, 6th floor

8:00 A.M.-5:00 P.M.

Continuing Education Courses
(See page 16 for room assignments.)

Saturday, June 1

8:00 A.M.-NOON

1993 National Program Committee
Mason B, 6th floor

8:00 A.M.-5:00 P.M.

Continuing Education Courses
(See page 16 for room assignments.)

Books Panel
Tamalpais, 4th floor

Continuing Education Committee
Whitney, 4th floor

Credentialing Committee
Shasta, 4th floor

8:30 A.M.-4:30 P.M.

Nominating Committee
Executive Boardroom, B level

1:00 P.M.-4:00 P.M.

Placement Service
Tower, Lobby level

1:00 P.M.-5:00 P.M.

1992 National Program Committee
Diablo, 4th floor

3:00 P.M.-5:00 P.M.

1991 National Program Committee
Mason A, 6th floor
Annual Meeting Task Force
Continental 7, B level

5:00 P.M.-9:00 P.M.

Hospital Libraries Board Meeting
Continental 8, B level

Sunday, June 2

7:00 A.M.-9:00 A.M.

Awards Committee
Toyon, Lobby level

Credentialing Committee
Belvedere B, 4th floor

International Cooperation Committee
Walnut, 4th floor

Status and Economic Interests of Health Sciences
Library Personnel Committee
Belvedere A, 4th floor

7:00 A.M.-11:00 A.M.

Publications Committee
Saratoga, 4th floor

8:00 A.M.-10:00 A.M.

New Member, First-Time Attendee, and International Visitor Orientation and Reception
Continental 6, B level

Sponsored in part by BRS Information Technologies.

8:00 A.M.-11:00 A.M.

Chapter Council
Continental 9, B level

Section Council
Continental 4, B level

8:00 A.M.-NOON

Continuing Education Courses
(See page 17 for room assignments.)

9:00 A.M.-10:00 A.M.

Placement Service Orientation
Tower, Lobby level

9:00 A.M.-11:00 A.M.

Ad Hoc Committee on the Position of Hospital Libraries
Diablo, 4th floor

Continuing Education Chapter/Section Support Subcommittee

Carmel, 4th floor

Continuing Education Opportunity Review Subcommittee

Continental 2, B level

Governmental Relations Committee

Walnut, 4th floor

Grants and Scholarship Committee

Toyon, 4th floor

Oral History Committee

Teakwood, 4th floor

9:00 A.M.—NOON

Continuing Education Instructional Development Subcommittee

Continental 3

10:00 A.M.—4:00 P.M.

Placement Service

Tower, Lobby level

11:30 A.M.—1:00 P.M.

Section Council Luncheon and Orientation

Continental 7 and 8, B level

New Leaders Brunch

Imperial Ballroom, B level

1:15 P.M.—2:30 P.M.

Opening Session

Continental Ballroom, B level

Welcoming Remarks

Daniel T. Richards, Chairman, 1991 National Program Committee, and Collection Development Officer, National Library of Medicine, Bethesda, MD; and Jacqueline Wilson, Chairman, Local Assistance Committee 1991, and Head, Resource Services, The Library, University of California—San Francisco, San Francisco, CA

Presidential Address

"The Vesalius Connection"

Lucretia W. McClure, President, Medical Library Association, and Medical Librarian and Associate Professor of Medical Bibliography, Edward G. Miner Library, University of Rochester School of Medicine and Dentistry, Rochester, NY

Presentation of Awards

Award for Excellence and Achievement in Hospital Librarianship

Pamela Jean Jajko, Director, Library and Information Center, El Camino Hospital, Mountain View, CA

Estelle Brodman Award for the Academic Medical Librarian of the Year

Richard E. Lucier, formerly Director, William H. Welch Medical Library, Laboratory for Applied Research in Academic Information, and Associate Director and Research Associate, Department of

Medicine, Division of Medical Genetics, Johns Hopkins University School of Medicine, Baltimore, MD, designated University Librarian and Assistant Vice-Chancellor for Academic Information Management, University of California—San Francisco, San Francisco, CA.

Louise Darling Medal for Distinguished Achievement in Collection Development in the Health Sciences

Dottie Eakin, Director, Medical Sciences Library, Texas A & M University, College Station, TX

MLA Award for Distinguished Public Service
Senator Dale Bumpers, Charleston, Arkansas

Cunningham Memorial International Fellowship

1990: Sally Anne Montserin, Medical Librarian, Ministry of Health, Port of Spain, Trinidad and Tobago

1991: Ruihong Zhang, Librarian, Medical Library of PLA, Beijing, People's Republic of China

Retiring *Bulletin* Editor Award

Irwin H. Pizer, Chicago, IL

2:30 P.M.—4:30 P.M.

Plenary Session I

Continental Ballroom, B level

The John P. McGovern Award Lecture

"The Future of Biomedical Information"

Moderator: Kathryn J. Hoffman, Director, University of Texas Southwestern Medical Center Library, Dallas, TX

Presenters: George D. Lundberg II, M.D., Editor, *JAMA*, Chicago, IL, and Stephen P. Lock, M.D., Editor, *British Medical Journal*, London, England

Panel Response

Rachael K. Anderson, Director, Arizona Health Sciences Library, University of Arizona, Tucson, AZ

Ruth Holst, Director of Library Services, Columbia Hospital, Milwaukee, WI

J. Michael Homan, Assistant University Librarian for Sciences, University of California—Irvine, Irvine, CA

Nina W. Matheson, Director, William H. Welch Medical Library, and Associate Professor of Medical Information, Johns Hopkins University, Baltimore, MD

Bernie Todd Smith, Director, Werner Health Science Library, Rochester General Hospital, Rochester, NY

Sponsored by the Faxon Company.

Videotaping underwritten by Ballen Booksellers International, Inc.

Presentation of Award

John P. McGovern Award

4:45 P.M.-5:45 P.M.

"Fast Break" Sharing Sessions with MLA Leaders

Join a small group of your colleagues in a discussion of the issues raised during the Opening Session. A list of session leaders appears on pages 76-7.

6:00 P.M.-8:00 P.M.

Welcome Reception and Opening of the Hall of Exhibits

Yosemite Ballroom, B level

8:00 P.M.-9:00 P.M.

Membership Open Forum

Plaza Ballroom, Lobby level

NOTES**Monday, June 3**

7:00 A.M.-7:30 A.M.

Sunrise Fiesta

Imperial Ballroom, B level

To set the stage for Business Session I, enjoy complimentary coffee and an opportunity to talk with members of the Board of Directors. An express breakfast will be available for those who wish to purchase it.

Coffee compliments of BRS Information Technologies and EBSCO Subscription Services.

7:30 A.M.-9:00 A.M.

Business Session I

Continental Ballroom, B level

Presiding: Lucretia W. McClure, President, Medical Library Association, and Medical Librarian and Associate Professor of Medical Bibliography, Edward G. Miner Library, University of Rochester School of Medicine and Dentistry, Rochester, New York.

Remarks by Guy St. Clair, President-Elect, Special Libraries Association, and President, One-Person Library Training Consultancy, Washington, D.C.

Announcements and Introductions by Raymond A. Palmer, Executive Director. Marjorie Vinzant, Professional Parliamentarian; David S. Curry, MLA Parliamentarian; and Mary E. Helms, Sergeant-at-Arms, will be introduced.

In Memoriam by Raymond A. Palmer

New Member Recognition by Raymond A. Palmer

Call to order by Lucretia W. McClure

Announcement of Election Results by Lucretia W. McClure

State of the Association Address
Raymond A. Palmer, Executive Director

(Numbers in parentheses following each report refer to pages in the 1990/91 Annual Report.)

Report of the Finance Committee (1)
Frieda O. Weise, Chairman and Treasurer

Reports of Appointed and Elected Officers and Administrative Committees

- *Committee on Committees* (25)
Richard A. Lyders, Chairman

- Irwin H. Pizer, Editor (28)
Bulletin of the Medical Library Association
- J. Michael Homan, Managing Editor of
Books (31)
- Julie Ann Kesti, Editor (32)
MLA News
- Elections Committee (33)
Richard A. Lyders, Chairman
- Nominating Committee (35)
Richard A. Lyders, Chairman
- Bylaws Committee (37)
June H. Fulton, Chairman
Carol G. Jenkins, Board Liaison

Reports of Councils

- Chapter Council (39)
Julia Sollenberger, Chairman
- Section Council (43)
Mary L. Ryan, Chairman

The following committee reports are listed according to program area.

Membership Services

- Exchange Advisory Committee (47)
Rosalind F. Dudden, Chairman
Jacqueline D. Doyle, Board Liaison
- Membership Committee (49)
Rosanne Labree, Chairman
Julia Sollenberger, Board Liaison

Information Issues and Policy

- *Ad Hoc* Committee on the Position of
Hospital Libraries (53)
Phyllis C. Gillikin, Chairman
Jacqueline D. Doyle, Board Liaison
- Governmental Relations Committee (55)
June Glaser, Chairman
Carol G. Jenkins, Board Liaison
- Health Sciences Library Technicians
Committee (57)
Gayle K. Willard, Chairman
Jacqueline D. Doyle, Board Liaison
- International Cooperation Committee (58)
Janet S. Fisher, Chairman
Carol G. Jenkins, Board Liaison

- MLA/AAHSLD Legislative Task Force (63)
Carol G. Jenkins, Chairman and Board
Liaison
- Publishing and Information Industries
Relations Committee (65)
Jane L. Thompson, Chairman
Jacqueline D. Doyle, Board Liaison
- Status and Economic Interests of Health
Sciences Library Personnel
Committee (67)
Richard S. Klein, Chairman
Jacqueline D. Doyle, Board Liaison

Professional Development

- Continuing Education Committee (69)
Gale A. Dutcher, Chairman
Carolyn Anne Reid, Board Liaison

Continuing Education Subcommittees

- Chapter/Section Support (71)
Christine A. Chapman, Chairman
Carolyn Anne Reid, Board Liaison
- Instructional Development (72)
Elaine Russo Martin, Chairman
Carolyn Anne Reid, Board Liaison
- Instructor Approval, Evaluation,
and Support (73)
David Morse, Chairman
Carolyn Anne Reid, Board Liaison
- Opportunity Review (75)
Deborah A. Thompson, Chairman
Carolyn Anne Reid, Board Liaison
- Task Force on Knowledge and Skills (77)
Fred W. Roper, Ph.D., Chairman
Lucretia W. McClure, Board Liaison
- Credentialing Committee (79)
Diane G. Thomson, Chairman
Joan S. Zenan, Board Liaison
- Professional Recognition Review
Panel (81)
Jo Ann Bell, Ph.D., Chairman
Joan S. Zenan, Board Liaison
- *Ad Hoc* Committee to Establish
Cunningham Endowment (82)
Robert G. Cheshier, Chairman
- *Ad Hoc* Committee on Appointment of
Fellows and Honorary Members (84)
Frances Groen, Chairman and Board Liaison

- Awards Committee (85)
Kirsten Shelstad, Chairman
Henry L. Lemkau, Jr., Board Liaison
- Grants and Scholarship Committee (86)
Kathleen A. Cimpl Wagner, Chairman
Henry L. Lemkau, Jr., Board Liaison
- Joseph Leiter NLM/MLA Lectureship Committee (88)
Lois Ann Colaianni, Chairman
Frieda O. Weise, Board Liaison

Meeting Coordination

- 1991 National Program Committee (89)
Daniel T. Richards, Chairman
Lucretia W. McClure, Board Liaison
- 1992 National Program Committee (91)
Pamela Jajko, Chairman
Richard A. Lyders, Board Liaison
- 1993 National Program Committee (93)
Rick Forsman, Chairman
Jacqueline D. Bastille, Board Liaison

Publications

- Books Panel (94)
Linda Grix, Chairman
Jo Anne Boorkman, Board Liaison
- *Bulletin* Consulting Editors Panel (96)
Irwin H. Pizer, Editor
Jo Anne Boorkman, Board Liaison
- *Bulletin* Evaluation Committee (97)
Marilyn B. Gorman Sullivan, Chairman
Jo Anne Boorkman, Board Liaison
- *News* Evaluation Committee (98)
Karen McNally Bensing, Chairman
Jo Anne Boorkman, Board Liaison
- Publications Committee (99)
Carolyn E. Lipscomb, Chairman
Jo Anne Boorkman, Board Liaison

Adjournment

8:00 A.M.-5:00 P.M.

Placement Service

Tower, Lobby level

9:15 A.M.-10:45 A.M.

National Library of Medicine Update

Continental Ballroom, B level

Moderator: Alison Bunting, Biomedical Librarian,
Louise Darling Biomedical Library, University
of California-Los Angeles, Los Angeles, CA

Presenters:

"Westward Look"

Donald A. B. Lindberg, M.D., Director, National
Library of Medicine, Bethesda, MD

*"There's More to Life than News, Weather, Sports,
and Pricing"*

Lois Ann Colaianni, Associate Director, Library
Operations, National Library of Medicine,
Bethesda, MD

*"Health Services Research: A Status Report on
Recent NLM Initiatives"*

Betsy L. Humphreys, Deputy Associate Director,
Library Operations, National Library of Medicine,
Bethesda, MD

NOTES

10:00 A.M.-5:00 P.M.

Hall of Exhibits Open

(See "Guide to Exhibits," pp. 59-67.)

10:00 A.M.-10:30 A.M.

Coffee Break

MLA Garden Cafe, Hall of Exhibits

11:00 A.M.-NOON

Job Market

Monterey A, 4th floor

"Planning for Transition"

Holly Shipp Buchanan, Consultant, Louisville, KY

"IN-MLA: A New Service for Members"

Katie E. Corcoran, Membership Development Manager,
Medical Library Association, Chicago, IL

Film Festival

Sausalito A and B, 4th floor

NOON-12:45 P.M.

"Lunch and Learn" Educational Workshops

Something new for MLA! Purchase a hot or cold lunch in the MLA Hall of Exhibits (Grand Ballroom) and find out what's new in the industry by attending educational presentations offered by some of our exhibitors. Pick up some lunch and some useful information at the same time!

British Medical Association

Yosemite A, B level

In 1991, the British Medical Association (BMA) increased its international sales prices by less than 10%, a significantly lower increase than the majority of its US-based colleagues experienced, and below the current UK inflation level. Why do libraries end up with a 35% increase? Come and hear BMA's side: they would certainly like to hear yours.

BRS Information Technologies

Yosemite C, B level

"Comprehensiveness and Recency of Information: A Comparative Look in BRS Databases." Comprehensiveness and recency of information in biomedicine is of vital importance in both research-oriented organizations and in clinical environments. In this session, take a comparative look at retrieval from BRS's uniquely "loaded" and "exclusive" databases and at the special features that assure the searcher of comprehensive search results.

CD Plus, Inc.

Franciscan A, B level

CD Plus will discuss and demonstrate its high performance CD-ROM workstations, CD Plus 100 Patron Station and CD Plus 200 Professional Workstation, and its databases on CD-ROM: MEDLINE® (1966-present on only seven disks), CANCERLIT®, Health, and Nursing Allied Health (CINAHL)-CD. Discussion will include turnkey networks, PlusNet1 and PlusNet2, which offer all the benefits of the CD Plus software combined with the power and convenience of a LAN.

CSR, Incorporated/ARCAD Project

Franciscan B, B level

The Alcohol and Alcohol Problems Science Database, ETOH, is produced by the National Institute on Alcohol Abuse and Alcoholism. Publicly available through BRS Information Technologies, ETOH is the largest, most comprehensive online database concerning alcohol problems research. CSR will present and discuss the scope of ETOH, why and when to search ETOH, how it differs from MEDLINE®, what's in the data fields, tips for successful searching. Overhead slides and handouts will be used in the presentation, which will include an online demonstration.

Data-Star

Yosemite B, B level

Data-Star is the leading European host of online databases, with a primary concentration in biomedicine, pharmaceuticals, and health care. Learn more about this unique selection of databases as well as other benefits, features, and pricing advantages of Data-Star.

National Library of Medicine

Imperial A, B level

Join NLM staff for the annual online users meeting to learn more about MEDLARS® products and services, including

- Enhancements to GRATEFUL MED®
- Clinical alerts
- New databases
- New MEDLINE® features

There will be an opportunity to ask questions and provide feedback to NLM staff. Stop by exhibit island E for demonstrations and in-depth discussions.

Niles & Associates, Inc.
Franciscan C, B level

This session introduces EndNote—a reference database and bibliography maker on the IBM® PC and the Apple® Macintosh®. It is used by over 10,000 researchers to create their bibliographies automatically. Two additional products will be presented: EndNote Plus—the enhanced version—and Endlink, EndNote's link to online services and CD-ROMs.

Personal Bibliographic Software, Inc.
Franciscan D, B Level

Creative applications will be discussed, with examples from libraries that use Pro-Cite and Biblio-Links for their projects. Examples will include a major East Coast university library that uses PBS programs to compile a health statistics file by subject and a West Coast hospital that keeps track of medical pamphlets throughout the hospital by employing special keyword and location terms. Stop by Booth 181 for demonstrations of Pro-Cite and Biblio-Links.

1:00 P.M.–2:00 P.M.

Job Market

Monterey A, 4th floor

"The Library's Contribution to Quality: The Bottom Line"

Bernie Todd Smith, Director, Werner Health Science Library, Rochester General Hospital, Rochester, NY

Film Festival

Sausalito A and B, 4th floor

2:00 P.M.–3:00 P.M.

Open Forum: American Library Association (ALA) Standards for Accreditation
Continental Ballroom, B level

Jane B. Robbins, Chair, Committee on Accreditation Standards Revision, ALA, Chicago, IL, and June Lester, Accreditation Officer, ALA, Chicago, IL

3:00 P.M.–3:30 P.M.

Coffee Break

MLA Garden Cafe, Hall of Exhibits

3:30 P.M.–4:30 P.M.

Contributed Paper Panels 1-4

The following panels have been constructed as cohesive units. Each will begin with comments from the moderator, followed by the individual presentations. A question-and-answer segment will close each panel.

Attendance at the complete panel is encouraged. Times for individual presentations are not precise, and the order of presentation may be altered by the moderator.

1. *Resource Sharing and Cooperative Collection Development*

Imperial A, B level

Moderator: Jacqueline Wilson, Head, Resource Services, The Library, University of California—San Francisco, San Francisco, CA

"The *Index Medicus*® Price Study as a Tool for Collection Analysis"

Lynn M. Fortney, Biomedical Division Marketing Manager, EBSCO Subscription Services, Birmingham, AL, and Victor A. Basile, University Librarian, University of Medicine and Dentistry of New Jersey, Newark, NJ

"Comparative Collection Analysis for Improved Resource Sharing"

Beth M. Paskoff, Assistant Professor, School of Library and Information Science, Louisiana State University, Baton Rouge, LA

"Developing a DOCLINE® Network Among Health Sciences, Academic, and Community College Libraries Throughout the Entire State of Nevada"

Laurie A. Potter, Medical Reference Librarian, and Joan S. Zenan, Director, Savitt Medical Library, University of Nevada School of Medicine, Reno, NV

2. *Impact of Health Professional Online Searching on Librarians—Panel A*

Imperial B, B level

Moderator: Rebecca A. Davis, Coordinator, Online Search Services, Carlson Health Sciences Library, University of California—Davis, Davis, CA

"The Impact of CD-ROM at the Henry Ford Health System"

Nardina L. Nameth, Director of Library Services, and Valerie L. Reid, Associate Librarian, Reference Services, Sladen Library, Henry Ford Hospital, Detroit, MI

"Impact of Health Professionals Online Searching"

Chester J. Pletzke, Director, Learning Resource Center, Uniformed Services University of the Health Sciences, Bethesda, MD

"Measuring Library Staff Time in Helping Health Professionals Use a MEDLINE® CD-ROM Product"

Laurie A. Potter, Medical Reference Librarian, Savitt Medical Library, University of Nevada School of Medicine, Reno, NV

3. *Services to Unaffiliated Health Professionals—Panel A*

Plaza A, Lobby level

Moderator: John A. Breinich, Executive Director, Hawaii Medical Library, Honolulu, HI

"Flat Rate MEDLINE® Access and Unaffiliated Health Professionals in South Texas"

Virginia M. Bowden, Library Director; Janna Lawrence, Online Services Coordinator; Evelyn Olivier, Assistant Director for Administration; and Rajia Tobia, Assistant Director for Public Services, Briscoe Library, University of Texas Health Science Center-San Antonio, San Antonio, TX

"Characteristics of Libraries Willing to Serve the Unaffiliated Health Professional"

Jean P. Shipman, Coordinator, and Faith A. Meakin, Executive Director, Regional Medical Library Services, Health Sciences Library, University of Maryland-Baltimore, Baltimore, MD

"Services to Unaffiliated Health Professionals"

Peggy Mullaly-Quijas, Acting Associate Director, and Claire Gadzikowski, Special Projects Coordinator, Midcontinental Regional Medical Library Program, McGoogan Library of Medicine, University of Nebraska Medical Center, Omaha, NE

4. *Student Computer Laboratories and Networking*

Plaza B, Lobby level

Moderator: James A. Curtis, Assistant Director for Information Services, Health Sciences Library, University of North Carolina-Chapel Hill, Chapel Hill, NC

"Detection and Control of Microcomputer Viruses in a Public Access Lab"

Philip H. Army, Systems Coordinator, Bio-Medical Library, University of Minnesota, Minneapolis, MN

"Using a Local Area Network in Public Access Microcomputer Facilities"

Janis F. Brown, Associate Director, Educational Resources, Norris Medical Library, University of Southern California, Los Angeles, CA

"The Ins and Outs of Managing a Student Computer Lab"

Cynthia H. Goldstein, Assistant Director, Tulane University Medical Center Library, New Orleans, LA

3:30 P.M.-5:30 P.M.

Juried Poster Session I

West Lounge, B level

Coordinated by Judy Consales, Online Services Coordinator, Pacific Southwest Regional Medical Library Service, Louise Darling Biomedical Library, University of California-Los Angeles, Los Angeles, CA; Joan S. Zenan, Director, Savitt Medical Library, University of Nevada, Reno, NV; and Kathleen Cimpl Wagner, Director, Health Sciences Library, Gundersen/Lutheran Medical Center, LaCrosse, WI

Sponsored by Majors Scientific Books, Inc.

Poster 1

"Increasing Awareness About Computerized Databases Among Rural West Virginia Health Care Providers"

Linda Jacknowitz, Project Director, West Virginia CONSULT, West Virginia University Health Sciences Center, Morgantown, WV

Poster 2

"Western Maryland Outreach Pilot Project: Services to Unaffiliated Health Professionals"

Kathleen Lese, Learning Resource Services Coordinator, Western Maryland Area Health Education Center, Cumberland, MD

Poster 3

"The Transportable Electronic Library Enhancement (TELE) Project"

Eve Ruff, Outreach Services Librarian, and Neil Rambo, Associate Director, Pacific Northwest Regional Health Sciences Library Service, University of Washington, Seattle, WA

Poster 4

"An Integrated Workstation"

Chester J. Pletzke, Director, Learning Resource Center, Uniformed Services University of the Health Sciences, Bethesda, MD

Poster 5

"Improved Search Processing Procedures Using an MIS"

Barbara McNamee, Director of Information Services; Beatriz Varman, Assistant Director for Online Services; and Wes Browning, Online Services Librarian, Houston Academy of Medicine-Texas Medical Center Library, Houston, TX

Poster 6

"Multipurpose Microcomputer Network: Organization and Management"

Merril K. Schindler, Assistant Director for Systems; Jean Sullivant, Head of Information Services; and Martin Eisenschmied, PC Coordinator, Gustave L. and Janet W. Levy Library, Mount Sinai Medical Center, New York, NY

Poster 7

"Microcomputer Labs and Human Networks: Vital Connections"

Gretchen V. Naisawald, Assistant Director for Public Services, Claude Moore Health Sciences Library, University of Virginia Health Sciences Center, Charlottesville, VA

Poster 8

"The Fortunate 500—Unlimited Access to MEDLARS® Pilot Project"

Janet G. Schnall, Information Services Librarian, and Terry Ann Jankowski, Information Retrieval and Management Librarian, Health Sciences Library and Information Center, University of Washington, Seattle, WA

Poster 9

"Librarians' Role in PBL: Impact on Students' MEDLINE® Search Skills"

Elizabeth K. Eaton, Director, and Elizabeth J. Richardson, Information Services Librarian, Health Sciences Library, Tufts University, Boston, MA

Poster 10

"Librarians and End-User Services: A Longitudinal Study"

Joanne G. Marshall, Assistant Professor, Faculty of Library and Information Science, University of Toronto, Toronto, Ontario, CN

Poster 11

"Hypertext-Based Tutorial for Teaching End-User Searching"

Y. Kathy Kwan, Assistant Medical Librarian, and Virginia I. Cook, Director, Hollis Health Sciences Library, Winthrop-University Hospital, Mineola, NY

Poster 12

"To Each His Own: The Laptop Alternative for Reference Services"

Tracy E. Powell, Reference Librarian, and Susan C. Speer, Audiovisuals and Informatics Librarian, Health Sciences Library, East Carolina University, Greenville, NC

Poster 13

"Selecting Information Management Software for Health Sciences Libraries"

Inhye Kim Son, Consultation Services Coordinator; Jonquil D. Feldman, Consultation Services Coordinator, and Anne Wood Humphries, Head Reference Librarian, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA

Poster 14

"Planning for the Future: Development and Strategy for the Friends of LIS (FLIS)"

Virginia M. Bowden, Library Director; Charles Sargent, Project Director; Susan Beck, Cataloger, and Pat Hawthorne, Administrative Projects Librarian, University of Texas Health Science Center, San Antonio, TX

Poster 15

"The Development of a Faculty Publications Database at the University of Cincinnati Medical Center"

Doris A. Haag, Library Systems Research and Development Librarian; Stephen Harmon, Manager of Information Services; Birsan Kaya, MCIC Network

Administrator; Angela Myatt, Clinical Medical Librarian; and Terry Wells, Assistant MCIC Network Administrator, Medical Center Information and Communications, University of Cincinnati, Cincinnati, OH

Poster 16

"Faculty Publications: Problems and Institutional Utility"

Bonnie M. Seelig, Section Head, Reference, and George Gehrig, Senior Reference Librarian, Louisiana State University Medical Center—Shreveport Library, Shreveport, LA

Poster 17

"Creating and Using a Faculty Interests Database with NUTPLUS"

Martha Earl, Reference Librarian, and Leslie Goodale Adebajo, Special Projects Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Johnson City, TN

Poster 18

"An Audiovisual Collection Development Database"

Martha L. McLean, Technical Services Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Johnson City, TN

Poster 19

"Using a Database Program to Manage the Acquisition of Cancelled Standing Orders"

Martha L. McLean, Technical Services Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Johnson City, TN

Poster 20

"Medical Library Group Southern California and Arizona (MLGSCA) Membership Database: Development and Implementation"

Carlene Bogle, Life Sciences Reference Librarian, California State Polytechnic University, Pomona, CA; Janis Brown, Associate Director, Educational Resources; Alice Karasick, Acquisitions/Serials Librarian; and Margaret Wineburgh-Freed, Catalog Librarian, Norris Medical Library, University of Southern California, Los Angeles, CA

Poster 21

"Electronic Perspectives: A HyperCard®-Based Electronic Meeting Guide"

Nancy E. Condit, Head of Cataloging Services; Dave Piper, Head of Microcomputer Services; and Jeanette McCray, Associate Director, Arizona Health Sciences Center Library, University of Arizona, Tucson, AZ

Poster 22

"Aetna Life & Casualty's MEDIS® System"

Frances T. Bernstein, Administrator, MEDIS®, and Deborah Beauvais, Clinical Medical Librarian, Medical Management Library, Aetna Life & Casualty Company, Hartford, CT

Poster 23

"DIAL ACCESS: Continuing Medical Education via State-of-the-Art Telecommunications—Serving the Teachable Moments of Physicians"

Mona Fisher, Coordinator of Multimedia Programs, Southern Medical Association, Birmingham, AL

Poster 24

"Worksafe Iowa Information Network (WIIN): Electronic Bulletin Boards in the Health Sciences"

Jacqueline Snider, Information Specialist, Institute of Agricultural Medicine and Occupational Health, University of Iowa—Oakdale Campus, Iowa City, IA

Poster 25

"Building Blocks for Adding CD-ROM to a Library Network"

John C. Sanderlin, Director, Library and Information Systems; Susan E. Woods, Program Development Librarian; and Janet M. Coggan, Information Specialist, Health Science Center Library, University of Florida, Gainesville, FL

Poster 26

"CD-ROM Access Control Using dBase III+"

Fred Van Driel, Computer Services Assistant; Angella Lambrou, Computer Services Librarian; Linda Ordogh, Information Services Librarian; Deanna Cowan, Reference/Orientation Librarian; and Bruna Ceccolini, Accounting/Secretarial Supervisor, Health Sciences Library, McGill University, Montreal, Quebec, CN

Poster 27

"Become an MLA Author: The Book and Monograph Publication Program"

Nancy K. Roderer, Acting Director, Augustus C. Long Health Sciences Library, Columbia University, New York, NY, and other MLA Books Panel Members

Poster 28

"The Grand Old Ladies: An Introduction to Three Leaders of the Medical Library Association by the Oral History Committee"

Billie Broaddus, Director, Cincinnati Medical Heritage Center, University of Cincinnati, Cincinnati, OH, and Dorothy Whitcomb, Academic Librarian, History of Medicine Department, Historical Collection, Middleton Library, University of Wisconsin—Madison, Madison, WI

4:45 P.M.—5:45 P.M.

Contributed Paper Panels 5-8

The following panels have been constructed as cohesive units. Each will begin with comments from the moderator, followed by the individual presentations. A question-and-answer segment will close each panel. Attendance at the complete panel is encouraged. Times for individual presentations are not precise, and the order of presentation may be altered by the moderator.

5. *Legal and Access Issues in Electronic Information*

Imperial A, B level

Moderator: David Morse, Associate Director for Collection Resources, Norris Medical Library, University of Southern California, Los Angeles, CA

"Introduction to Legal and Access Issues in Electronic Information"

David Morse, Associate Director for Collection Resources, Norris Medical Library, University of Southern California, Los Angeles, CA

"Using GRATEFUL MED® on BITNET to Access NLM Databases"

Richard K. C. Hsieh, Ph.D., Director, International Programs, National Library of Medicine, Bethesda, MD, and Carlos A. Gamboa, Regional Advisor, Human Resources Program, Pan American Health Organization, Washington, DC

"Computer Database Searching and Professional Malpractice: Who Cares?"

Nicholas G. Tomaiuolo, Information Services Librarian, and Barbara J. Frey, Information Services Librarian, Lyman Maynard Stowe Library, University of Connecticut Health Center, Farmington, CT

6. *Stress and the Public Service Environment*

Imperial B, B level

Moderator: Terry Ann Jankowski, Information Retrieval and Management Librarian, Health Sciences Library and Information Center University of Washington, Seattle, WA

"Stress in the Library: Personal or Organizational Failure?"

Pia Tollo Brown, User Services Coordinator, Health Science Center Library, University of Florida, Gainesville, FL

"Facing Tenure: A Team Approach"

Trudi Di Trolio, Assistant to the Director, and Rebecca K. Satterthwaite, Head, Information Services, Health Science Center Library, University of Florida, Gainesville, FL

"Librarians at Risk: Overcoming Stress and Burnout"

Amy Gische Lyons, Assistant Director, Health Sciences Library, State University of New York—Buffalo, Buffalo, NY

7. *Services to Unaffiliated Health Professionals—Panel B*

Plaza A, Lobby level

Moderator: Michelle Volesko, Director, Library and Corporate Information Services, Health Research and Educational Trust of New Jersey, Princeton, NJ

"The Unaffiliated User Within the Institution: Improving Library Services and Applying the Concept of Distance Education"

Marion N. Sabella, Director, Parks Medical Library, Long Beach Memorial Medical Center, Long Beach, CA

"Information Evaluation and Rural Outreach with Texas Tech MEDNET"

Mary Moore, Curriculum Developer and Evaluation Specialist, Texas Tech MEDNET, and Associate Director for Education, Library of the Health Sciences, and JoAnn Van Schaik, Assistant Director for Teaching and Learning Resources, Texas Tech Health Sciences Center, Lubbock, TX

"Reaching Underserved Health Providers in Southwest Ohio"

Stephena E. Harmony, Manager of Information Services, and Phyllis C. Self, Director, Health Sciences Library, University of Cincinnati, Cincinnati, OH

8. *Electronic Transfer of Information Between Libraries and Vendors*
Plaza B, Lobby level

Moderator: Leonard Schrift, President, Ballen Booksellers International, Inc., Hauppauge, NY

"Electronic Data Interchange (EDI): From Theory to Practice—the Subscription Agent's Perspective"

Joe Santosuosso, EDI Analyst, The Faxon Company, Westwood, MA

"Electronic Data Interchange (EDI): From Theory to Practice—the Library's Perspective"

Melissa A. Kraft, Serials Collection Management Librarian, and Karen Butter, Associate Director, Information and Library Services, William H. Welch Medical Library, Johns Hopkins University, Baltimore, MD

"Electronic Mail Journal Claiming: The Use of ALANET to Claim Missing Issues"

Leonard Rhine, Ph.D., Head, Technical Services, Health Science Center Library, University of Florida, Gainesville, FL

5:30 P.M.—6:30 P.M.

Film Festival

Sausalito A and B, 4th floor

5:45 P.M.—8:00 P.M.

1992 Planning Grid Meeting

Franciscan A, B level

Annual Meeting Task Force

Tiburon B, 4th floor

9:00 P.M.—MIDNIGHT

Chocolate Extravaganza for the Friends of NLM

Ghirardelli Square

Tuesday, June 4

7:00 A.M.—9:00 A.M.

1993 National Program Committee

Executive Board Room, B level

Ad Hoc Committee on Appointment of Fellows and Honorary Members

Toyon A, 4th floor

Ad Hoc Committee to Establish Cunningham Endowment

Toyon B, 4th floor

Award Juries

Imperial A, B level

Books Panel

Tamalpais, 4th floor

Bulletin Evaluation Committee

Yosemite B, B level

Bylaws Committee

Lassen, 4th floor

Continuing Education Chapter/Section Support Subcommittee

Sausalito B, 4th floor

Continuing Education Instructional Development Subcommittee

Belvedere A, 4th floor

Continuing Education Instructor Approval, Evaluation, and Support Subcommittee

Belvedere B, 4th floor

Continuing Education Opportunity Review Subcommittee

Tiburon A, 4th floor

Exchange Advisory Committee

Diablo, 4th floor

Governmental Relations Committee

Belmont, 4th floor

Grants and Scholarship Juries

Imperial B, B level

Health Sciences Library Technicians Committee

Tiburon B, 4th floor

Joseph Leiter NLM/MLA Lectureship Committee

Sausalito A, 4th floor

Membership Committee

Whitney, 4th floor

News Evaluation Committee

Carmel, 4th floor

Professional Recognition Review Panel

Shasta, 4th floor

Publishing and Information Industries Relations Committee

Sonoma, 4th floor

8:00 A.M.—5:00 P.M.

Placement Service

Tower, Lobby level

9:00 A.M.—10:15 A.M.

Plenary Session II

Continental Ballroom, B level

Janet Doe Lecture

Introduction: Ruth Holst, Director of Library Services, Columbia Hospital, Milwaukee, WI

"That Vision Thing"

Lois Ann Colaianni, Associate Director, Library Operations, National Library of Medicine, Bethesda, MD

Videotaping underwritten by Ballen Booksellers International, Inc.

Presentation of Awards

Janet Doe Lectureship Certificate

Frank Bradway Rogers Information Advancement Award

Richard E. Lucier, formerly Director, William H. Welch Medical Library, Laboratory for Applied Research in Academic Information, and Associate Director and Research Associate, Department of Medicine, Division of Medical Genetics, Johns Hopkins University School of Medicine, Baltimore, MD, designated University Librarian and Assistant Vice-Chancellor for Academic Information Management, University of California-San Francisco, San Francisco, CA; Victor A. McKusick, M.D., Johns Hopkins University School of Medicine, Baltimore, MD; Jack G. Goellner, Director, Johns Hopkins University Press, Baltimore, MD; and Charles Goldstein, Chief, Information Technology Branch, Lister Hill Center for Biomedical Communications, National Library of Medicine, Bethesda, MD.

NOTES

10:00 A.M.-5:00 P.M.

Hall of Exhibits Open

(See "Guide to Exhibits," pp. 59-67.)

10:30 A.M.-11:30 A.M.

Business Session II

Continental Ballroom, B level

Presiding: Lucretia W. McClure, President, Medical Library Association, and Medical Librarian and Associate Professor of Medical Bibliography, Edward G. Miner Library, University of Rochester School of Medicine and Dentistry, Rochester, New York.

Reports of Association Units—continued

Proposed Revision to the MLA Bylaws

Presentation of Awards

Murray Gottlieb Prize

Mary Rhineland McCarl, Historical Collections Consultant, Birmingham, AL

Introduction of Fellows

C. William Fraser, Director, Library, College of Physicians and Surgeons of British Columbia, Medical Library Service, Vancouver, BC, Canada

Rose Hogan, Director, Medical Sciences Library, University of Arkansas, Little Rock, AR

Thomas D. Higdon, formerly, Director, Health Sciences Center Library, University of Arizona, Tucson, AZ

Ronald M. Watterson, Librarian Emeritus, Raymon H. Mulford Library, Medical College of Ohio, Toledo, OH

Philip Rosenstein, University Librarian, Library of the Health Sciences, University of Medicine and Dentistry of New Jersey, Newark, NJ

Jean K. Miller, Director, Library, University of Texas Southwestern Medical Center, Dallas, TX

Introduction of members of the Academy of Health Information Professionals

Adjournment

11:30 A.M.-1:00 P.M.

Chapter Sharing Roundtables and Luncheon

Plaza B, Lobby level

Sponsored by Chapter Council

NOON-12:45 P.M.

"Lunch and Learn" Sessions

Something new for MLA! Purchase a hot or cold lunch in the MLA Hall of Exhibits (Grand Ballroom) and find out what's new in the industry by attending educational presenta-

tions offered by some of our exhibitors. Pick up some lunch and some useful information at the same time!

Blackwell North America, Inc.
Imperial A, B level

This presentation will describe Blackwell's MeSH[®] Authority Control System. The Blackwell MeSH[®] Authority Control System updates library headings in MARC format to the NLM's most recent practices using NLM's MeSH[®] authority file. The system also standardizes headings for filing purposes and provides cross-references for use in online and CD-ROM catalogs.

BRS Information Technologies
Yosemite C, B level

"Broad Spectrum Retrieval Through Multi-File Searching." This presentation will give an overview of information available on BRS for a new pharmaceutical. Consumer, popular press, biomedical, regulatory, corporate, and industry information will be demonstrated. New system features and database enhancements will be incorporated in the searches.

CD Plus, Inc.
Franciscan A, B level

CD Plus will discuss and demonstrate its high performance CD-ROM workstations, CD Plus 100 Patron Station and CD Plus 200 Professional Workstation, and its databases on CD-ROM: MEDLINE[®] (1966-present on only seven disks), CANCERLIT[®], Health, and Nursing and Allied Health (CINAHL)-CD. Discussion will include turnkey networks, PlusNet1 and PlusNet2, which offer all the benefits of the CD Plus software combined with the power and convenience of a LAN.

CINAHL Information Systems
Yosemite B, B level

In this session, you will learn about the new enhancements to CINAHL—the database of choice for nursing and allied health. Use of the expanded research tree and tips on searching the new formats indexed will be emphasized. Complimentary beverages will be provided by CINAHL.

Compact Cambridge
Yosemite A, B level

Have a lunch on us, and come see and learn about the latest products and developments from Compact Cambridge:

- New enhancements in version 4.0 software
- The cumulative index to MEDLINE[®]
- "Online connection," which allows CD-ROM users to dial-up and search online systems transparently
- New databases on CD-ROM

A question-and-answer session will be held as time permits. Pick up your free lunch ticket at Booth 119 before you meet us at Lunch and Learn.

Data Trek, Inc.
Franciscan B, B level

Announcing the newest addition to Data Trek's library automation software family. The ULS Professional Series includes full modular integration, high speed searching, variable length fields, and complete MARC compatibility. The program is user-friendly, incorporating cascading menus, pick lists, online help, etc. The ULS Professional Series incorporates catalog, circulation, databridge, OPAC, serials, and acquisitions.

The Information Store, Inc.
Franciscan C, B level

As the leader in document retrieval, The Information Store is ready, willing, and able to retrieve any publicly available document from our network of international sources. The Information Store would like to invite you to an overview of its services. You will learn about The Information Store's services and products and share its focus for the future. Come join us!

SilverPlatter Information, Inc.
Imperial B, B level

Come see and hear about SilverPlatter's[®] Release 2.0. Its installation procedure has been greatly enhanced and now contains many user-specified defaults, which will be demonstrated. Other features to be demonstrated and discussed include the marking records, saving search strategies, clearing individual searches, dialog boxes for changing options, and a new thesaurus model. Hear about plans for subsequent releases. Presenter: Barbara Bishop, vice-president for product development.

The US Pharmacopeial Convention
Franciscan D, B level

Master the vast clinical drug information of USP DI. Learn how to find information quickly on unlabeled drug uses, drug interactions, side/adverse effects, drug product recall listings,

patient consultation guidelines, and more. The presentation will include descriptions or demonstrations of the many electronic applications of USP drug and standards information. Complimentary beverages will be provided by the US Pharmacopeial Convention.

1:00 P.M.-3:00 P.M.

Concurrent Programs

1. *The Unified Medical Language System (UMLS) Knowledge Sources: Applications to Library and Information Science*
(sponsored by the Medical Informatics Section)
Imperial A, B level

In October 1990, the National Library of Medicine issued the first versions of two Unified Medical Language System (UMLS) knowledge sources: a Metathesaurus of concepts and terms from several biomedical vocabularies and classifications and a Semantic Network of the relationships among the broad semantic types or categories to which all individual concepts in the Metathesaurus are assigned. This session will address the application of these new tools to a variety of library and information science endeavors, including online public access catalogs, information retrieval from MEDLINE® and other online databases, and natural language processing.

Moderator: Nancy K. Roderer, Acting Director, Augustus C. Long Health Sciences Library, Columbia University, New York, NY

"Librarians and Information Scientists Meet the UMLS Knowledge Sources: A Look at Current Experimentation"

Betsy L. Humphreys, Deputy Associate Director, Library Operations, and Donald A. B. Lindberg, M.D., Director, National Library of Medicine, Bethesda, MD

"Multiple Thesauri and the Public Catalog"

Gary L. Strawn, Authorities Librarian/Library Systems Analyst, Northwestern University Libraries, Evanston, IL

"Coach: An Expert Searcher Adjunct Program for Users of GRATEFUL MED®"

Lawrence C. Kingsland III, Ph.D., Chief, Computer Science Branch, Lister Hill National Center for Biomedical Communications; Tamas E. Doszkocs, Ph.D., Special Assistant for Research and Development, Specialized Information Services; Edmund J. Syed, Lister Hill National Center for Biomedical Communications; Peri L. Schuyler, Head, MeSH Section, Library Operations; and Donald A. B. Lindberg, M.D., Director, National Library of Medicine, Bethesda, MD

"Processing Biomedical Language: The Role of the UMLS Knowledge Sources"

Alexa T. McCray, Ph.D., Lister Hill National Center for Biomedical Communications, National Library of Medicine, Bethesda, MD

2. *Introduction to Publishing for Health Sciences Librarians: An Expert Panel Presentation*
(sponsored by the Collection Development Section)
Imperial B, B level

Sponsored by EBSCO Subscription Services.

Understanding how health care literature is created and marketed is important for health sciences librarians, who create and organize information services around that literature. Presentations by two successful independent publishers will describe the way in which scientific literature is created, developed, and marketed and how its quality is ensured. Such topics as how publishers develop a new journal or book, how editorial boards are created, what factors determine publication format and price, and how health sciences publishing will look in the year 2000 will be addressed.

Moderator: Anne M. Pascarelli, Director, Sheppard Library, Massachusetts College of Pharmacy and Allied Health Sciences, Boston, MA

Presenters: Henry J. Secor, Assistant Vice-President, National/International Sales, Marcel Dekker, Inc., New York, NY; and Mary Ann Liebert, President, Mary Ann Liebert, Inc., New York, NY

3. *Knowledge and Skills for Health Information Professionals in the '90s and Beyond*
(cosponsored by the Continuing Education and Credentialing Committees, the Professional Recognition Review Panel, and the Knowledge and Skills Task Force)
Yosemite A and B, B level

Preliminary findings of the survey on the knowledge and skills needed to be an effective health information professional will be presented. The first draft of the *Guidelines for Graduate Education Programs* will be considered. Attendees will meet in small groups to discuss the findings of the task force and the draft of the *Guidelines*. The groups will be led by members of the cosponsoring units.

Presenter: Fred W. Roper, Ph.D., Chairman, Knowledge and Skills Task Force, and Dean, College of Library and Information Science, University of South Carolina, Columbia, SC,

4. *SatelLIFE: Building Electronic Bridges to Medical Libraries in the Developing World*
(sponsored by the International Cooperation Section)
Franciscan A, B, and C, B level

SatELIFE, an international not-for-profit organization, links medical communities with each other and with medical information sources using satellites, electronic mail, and telefacsimile. SatELIFE's Access to Medical Information (AMI) service transmits medical literature by satellite, and its HealthNet uses low-earth orbiting satellites to provide electronic mail where there is no telephone connection. This session focuses on these services and describes other projects of the organization.

Moderator: Leonard Rhine, Ph.D., Head, Technical Services, Health Science Center Library, University of Florida, Gainesville, FL

Presenters: Charles Clements, Executive Director, SatELIFE, Cambridge, MA, and Tony McSean, Librarian, British Medical Association, London, UK

5. *Librarians, Legislation, Lobbying: We Can Make a Difference!*

(sponsored by the Governmental Relations Committee)

Plaza A, Lobby level

This session will include presentations on a variety of topics related to the legislative process and MLA.

Moderator: Sara Jean Jackson, Director, Research Medical Library, University of Texas M. D. Anderson Cancer Center, Houston, TX

"MLA's Role in the Legislative Process"

Sara Jean Jackson, Director, Research Medical Library, University of Texas M. D. Anderson Cancer Center, Houston, TX

"Presenting Your Case to Congress"

Legislative Aide to be announced

"MLA Goes to Washington"

Mary M. Horres, Biomedical Librarian and Associate University Librarian, Sciences, University of California-San Diego, La Jolla, CA; Wayne J. Peay, Director, Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City, UT; and Joan S. Zenan, Director, Savitt Medical Library, University of Nevada, Reno, NV

"Legislative Update"

June Glaser, Director, Basil G. Bibby Library, Eastman Dental Center, Rochester, NY

"Just How Can We Make a Difference as MLA Lobbyists?"

Jon Eldredge, Assistant Professor and Chief of Collection and Information Resources Development, Medical Center Library, University of New Mexico, Albuquerque, NM

3:00 P.M.-3:30 P.M.

Coffee Break

MLA Garden Cafe, Hall of Exhibits

3:00 P.M.-5:00 P.M.

Knowledge and Skills Task Force

Sonoma, 4th floor

3:30 P.M.-4:30 P.M.

Contributed Paper Panels 9-12

The following panels have been constructed as cohesive units. Each will begin with comments from the moderator, followed by the individual presentations. A question-and-answer segment will close each panel. Attendance at the complete panel is encouraged. Times for individual presentations are not precise, and the order of presentation may be altered by the moderator.

9. *Developments in Technical Services Systems*

Imperial Ballroom A, B level

Moderator: Sally K. Sinn, Deputy Chief, Technical Services Division, National Library of Medicine, Bethesda, MD

"Editorial Considerations in the Mapping of the MeSH® and LCSH Systems"

Tony Olson, Head of Technical Services, Galter Health Sciences Library, Northwestern University, Chicago, IL

"The Value-Added Online Catalog: Enhancing Bibliographic Records"

John Patrino, Director, Health Sciences Library, University of Tennessee, Memphis, TN, and Judith Robinson, Assistant Director for Technical Services, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA

"ISSN: First-Rate Link or Problem Kink?"

Judith L. Rieke, Monographs Librarian; Deborah H. Broadwater, Serials Librarian, Medical Center Library; and Ramona J. Steffey, Systems Librarian, Jean and Alexander Heard Library, Vanderbilt University, Nashville, TN

10. *Wheat from the Chaff: Librarians as Information Evaluators*

Imperial B, B level

Moderator: Marie Sparks, Manager, Business Information Center, American Cyanamid Company, Wayne, NJ

"Quality Filtering of the Clinical Literature by Librarians and Physicians"

Charles B. Wessel, Coordinator for Hospital Library Services; Alice B. Kuller, Reference Librarian; David S. Ginn, Associate Director for Information

Services, Falk Library of the Health Sciences, University of Pittsburgh; Matthew N. Klain, M.D., Chief Resident; and Thomas P. Martin, M.D., Chief Resident, Department of Medicine, Presbyterian University Hospital, Pittsburgh, PA

"The Application of Quality Filters in Searching: Some Possible Methods"

E. Diane Johnson, Head, Information Services, J. Otto Lottes Health Sciences Library; Emma Jean McKinin, Assistant Professor; and MaryEllen Sievert, Associate Professor, School of Library and Information Science, University of Missouri-Columbia, Columbia, MO

"MEDIC: A Single-Blind Study on the Effect of Information Filtering on Physician Satisfaction with Clinical Information from the Library"

Mary Ellen Lemon, MEDIC Project Coordinator, Pacific Northwest Regional Health Sciences Library Service, University of Washington, Seattle, WA

11. *Issues in Library Administration*
Yosemite A and B, B level

Moderator: Linda A. Watson, Director, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA

"A Management Information System for Decision Support and Planning in a Medical Library"

Damon Camille, Assistant Executive Director for Library Services, Houston Academy of Medicine-Texas Medical Center Library, Houston, TX

"The Formation and Implementation of a Department of Health Informatics"

Thomas Singarella, Professor and Chairman, and Susan Selig, Associate Professor, Health Sciences Library, Department of Health Informatics, University of Tennessee, Memphis, TN

"Paranoid or Proactive: Hospital/Academic Librarian Response to Corporate Restructuring in a Metropolitan Medical Center"

Faith Van Toll, Director; Natalie S. King, Assistant Director, Shiffman Medical Library, Wayne State University, Detroit, MI; and Sandra Martin, Director, Harper Hospital Medical Library, Detroit, MI

12. *Online Searching and Information Delivery*
Franciscan A, B, and C, B-level, Building 1

Moderator: Kathleen Cimpl Wagner, Director, Health Sciences Library, Gundersen/Lutheran Medical Center, LaCrosse, WI

"MeSH® Terms and the UMLS Metathesaurus as a Basis for Searching Non-NLM Databases: A Feasibility Study"

Nadine P. Ellero, Head, Bibliographic Control, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA, and Penelope Gedeon, Tucson, AZ

"The MAClinical Workstation Project at Georgetown University"

Naomi C. Broering, Director, Georgetown University Medical Center Library, Washington, DC

"Searching the Cited References in the Full-Text Medical Databases, CCML and MEDIS®"

MaryEllen Sievert, Associate Professor; Emma Jean McKinin, Assistant Professor, School of Library and Information Science; and E. Diane Johnson, Head, Information Services, J. Otto Lottes Health Sciences Library, University of Missouri-Columbia, Columbia, MO

3:30 P.M.-5:30 P.M.

Juried Poster Session II
West Lounge, B level

Coordinated by Judy Consales, Online Services Coordinator, Pacific Southwest Regional Medical Library Service, Louise Darling Biomedical Library, University of California-Los Angeles, Los Angeles, CA; Joan S. Zenan, Director, Savitt Medical Library, University of Nevada, Reno, NV; and Kathleen Cimpl Wagner, Director, Health Sciences Library, Gundersen/Lutheran Medical Center, LaCrosse, WI

Sponsored by Majors Scientific Books, Inc.

Poster 30

"Consumer Health Information in the UK"

Robert Gann, Director, Help for Health Trust, Winchester, UK

Poster 31

"A Comparison of Health and Legal Information Services in Public Libraries"

Joanne G. Marshall, Assistant Professor, Faculty of Library and Information Science, University of Toronto, Toronto, Ontario, CN; Patricia Dewdney, Assistant Professor; and Muta Tiamiyu, Doctoral Student, School of Library and Information Science, University of Western Ontario, London, Ontario, CN

Poster 32

"Online Sources for Consumer and Patient Health Information"

Glenda Mendina, Reference Librarian, Health Science Library, University of Tennessee, Memphis, TN

Poster 33

"CHIP: A Consumer Health Information Project of Northeast Missouri"

Lawrence W. Onsager, Director, A. T. Still Memorial Library, Kirksville College of Osteopathic Medicine; Marilyn Prosser, Director, Adair County Public Library, Kirksville, MO; and Margaret J. Michael, Director, Northeast Missouri Area Health Education Center, Macon, MO

Poster 34

"Empowering People to Make Health Protective Decisions: The Options and Choices Experience"

Karyn L. Pomerantz, Options and Choices, N. Bethesda, MD

Poster 35

"A Decade of Consumer Health Information"

Martha Studaker, Director, and Nancy J. Winslow, Public Service Librarian, Hamady Health Sciences Library, Hurley Medical Center, Flint, MI

Poster 36

"Public Medical Library in a Shopping Mall"

Mary Beth Train, The Health Library, Stanford Shopping Center, Palo Alto, CA

Poster 37

"Compact Library Design: The Future in Hospital Library Renovation"

Christine L. Bell, Director, Library Services, Newton-Wellesley Hospital, Newton, MA

Poster 38

"Strategy for Survival: Diversifying the Services of a Specialty Hospital Library"

Barbara P. Casini, Director of Educational Resources, Moss Rehabilitation Hospital, Philadelphia, PA

Poster 39

"Effects of Downsizing on Resource Sharing: The Massachusetts Response"

Massachusetts Health Sciences Library Network *Ad Hoc* Committee on Downsizing (Anita B. Loscalzo, Deborah Almquist, Christine L. Bell, Sandra R. Clevesy, Lynne Silvers, Carol J. Foxman, and Florence S. Mercer), Boston, MA

Poster 40

"Journal Sponsorship Program—A Three-Year Project"

Kathleen O. Rainey, Associate Librarian, University of California-Davis Medical Center Library, Sacramento, CA, and Dorothy A. Thurmond, Medical Librarian, Guttman Library and Information Center, Sacramento-El Dorado Medical Society, Sacramento, CA

Poster 41

"Consortium Promotion: Ideas for Publicizing Your Library Group"

Ellen Cooper, Serials and Acquisitions Librarian, Health Science Library, University of Tennessee, Memphis, TN

Poster 42

"Revitalizing Consortia/Local Groups in Region 3"

Kimberly Goldman, Program Coordinator, Greater Midwest Regional Medical Library Network, Library of the Health Sciences, University of Illinois-Chicago, Chicago, IL; Jeanne Gittings, Librarian, United

Medical Center, Moline, IL; and Annelie Sober, Medical Librarian, Miller-Dawn Medical Center, Duluth, MN

Poster 43

"An Integrated Library System and Online Union Catalog for a Statewide Health Sciences Library Consortium"

Joan M. Marcotte, Assistant Director for Technical Services, and Joan M. Stoddart, Assistant Director for Public Services, Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City, UT

Poster 44

"Incorrect Citations in Library Literature"

Sue Benning, Circulation Librarian, and Susan C. Speer, Audiovisuals and Informatics Librarian, Health Sciences Library, East Carolina University, Greenville, NC

Poster 45

"Fraud in Scientific Publishing: Messages Delivered"

Mary D. Scheetz, Manager, Publication Services, Department of Pediatric Otolaryngology, Children's Hospital of Pittsburgh, Pittsburgh, PA

Poster 46

"Animal Rights Activities and their Implications for Biomedical Research, Publishing, and the Health Sciences Library"

Mary Moore, Associate Director for Education, and JoAnn Van Schaik, Assistant Director for Teaching and Learning Resources, Library of the Health Sciences, Texas Tech University Health Sciences Center, Lubbock, TX

Poster 47

"DOCLINE® Monthly Reports as a Source of Network ILL Statistics"

John Budrew, Head of Access Services, Medical Library Center of New York, New York, NY

Poster 48

"Using an Online Interlibrary Loan System as an Aid to Cooperative Journal Collection Development"

Kathryn P. Ray, Interlibrary Loan Supervisor, Medical Library, Washington University School of Medicine, St. Louis, MO, and Candace W. Thayer, Director, Health Sciences Library, St. Mary's Health Center, St. Louis, MO

Poster 49

"The HSLC HEALTHNET Collection Development Database"

John R. Barr, Technical Services Consultant, Health Sciences Library Consortium, Philadelphia, PA

Poster 50

"Use of Newsletters for Communicating Library Information"

Anne Carroll Bunting, Head, Technical Services, and Frances H. Verble, Cataloger, Health Sciences Library, Department of Health Informatics, University of Tennessee, Memphis, TN

Poster 51

"Those Dreaded Words: 'It's at the Bindery!'"

Barbara A. Carlson, Head, Serials Management, and Robert K. Poyer, Coordinator of Public Services, Library, Medical University of South Carolina, Charleston, SC

Poster 52

"Subject Analysis for Collection Enhancement: The Field of Bioethics"

Elizabeth Cooley, Collection Development Librarian, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA

Poster 53

"Osteopathic Medical School Libraries: A Survey"

Craig S. Elam, Associate Director for Technical Services, Health Sciences Library, Texas College of Osteopathic Medicine, Forth Worth, TX; Lawrence W. Onsager, Director, A. T. Still Memorial Library, Kirksville College of Osteopathic Medicine, Kirksville, MO; and Sharon Eckert, Technical Services Coordinator, Jack S. Ketchum Library, University of New England College of Osteopathic Medicine, Biddeford, ME

Poster 54

"Designing a Functional Reference Desk: Planning to Completion"

Anne Wood Humphries, Head Reference Librarian, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA

Poster 55

"Experience with Remote Storage in an Academic Health Center Library"

Jeremy Shellhase, Associate Director for Resource Management, and Patricia Mickelson, Director of Library and Academic Information Services for the Schools of the Health Sciences, Falk Library of the Health Sciences, University of Pittsburgh, Pittsburgh, PA

Poster 56

"Library Resources for Nursing: An Organizational Approach"

Interagency Council on Library Resources for Nursing Members, Guilderland, NY

Poster 57

"Bridging the Gap: Nurses and the Library"

Margaret A. Prasek, Reference Librarian, and Jean Sullivant, Head of Information Services, Gustave L. and Janet W. Levy Library, Mt. Sinai Medical Center, New York, NY

Poster 58

"Resources for Library Research"

Min-Lin Emily Fang, Assistant Reference Librarian/Assistant Professor, Library of the Health Sciences, University of Illinois-Chicago, Chicago, IL, and members of Research Resources Committee, Library Research Section, MLA

Poster 59

"Integrating Strategic Planning with Staff Development"

Suzu Conway, Assistant Director for Information Services; Grace Miller Roth, Assistant Director for Access Services; and Chrissy Sullivan, Reference Librarian, St. Louis University Medical Center Library, St. Louis, MO

4:45 P.M.-5:45 P.M.

Contributed Paper Panels 13-16

The following panels have been constructed as cohesive units. Each will begin with comments from the moderator, followed by the individual presentations. A question-and-answer segment will close each panel. Attendance at the complete panel is encouraged. Times for individual presentations are not precise, and the order of presentation may be altered by the moderator.

13. Librarian as Information Systems Specialist
Imperial A, B level

Moderator: M. Sandra Wood, Librarian, Reference and Database Services, George T. Harrell Library, Milton S. Hershey Medical Center, Hershey, PA

"The Role of the Librarian in the Introduction of the Information Management Work Groups"

Millard F. Johnson, Jr., Assistant Director of Public Services, Biomedical Communication Center, Oregon Health Sciences University, Portland, OR

"Breaking Down the Stereotypes: Library/Information Specialists Move into the Information Age"

Mary Jane Scherдин, Collection Access Coordinator, Health Science Library, University of Wisconsin-Madison, Madison, WI

"An Innovative Project to Provide Bibliographic Support for the Creation of a New Medical Text"

Robert J. Sekerak, Interim Director; Donna K. Lee, Media Librarian; Joanna S. Weinstock, Reference Librarian, Charles A. Dana Medical Library, University of Vermont, Burlington, VT; Nancy A. Bianchi, Reference Librarian, Durick Library, St. Michael's College, Colchester, VT; and Kathey Alexander, Senior Medical Editor, Raven Press, Redmond, WA

14. *Developments in Integrated Academic Information Management Systems (IAIMS)*
Imperial B, B level

Moderator: Wayne J. Peay, Director, Eccles Health Sciences Library, University of Utah, Salt Lake City, UT

"The Sources and Search for Patient Management Information in a Teaching Hospital"

Ellen Marks, Director of Information Research and Development; Barbara Tuchfarber, IAIMS Clinical Information Specialist; and Christine Thinnies, IAIMS Clinical Information Specialist, Medical Center Information and Communications and Department of Internal Medicine, University of Cincinnati Medical Center, Cincinnati, OH

"The Librarian in the IAIMS Organization"

James E. Morgan, Associate Director of User Services, and University Librarian; Millard F. Johnson, Jr., Assistant Director of Public Services; and Joan Ash, Planning and Personnel Coordinator, Biomedical Information Communication Center, Oregon Health Sciences University, Portland, OR

"Limits to Extending IAIMS into Nonclinical Arenas"

Kimberly Parker, Chemistry Librarian; Katherine Branch, Head, Science Libraries; and Donald Waters, Head, Library Systems Office, Yale University, New Haven, CT

15. *Fraud in Scientific Publishing*
Yosemite A and B, B level

Moderator: Lelde B. Gilman, Head of Collection Development, Louise Darling Biomedical Library, University of California-Los Angeles, Los Angeles, CA

"Fakes, Frauds and Fuzzy Facts: Case Studies of Misleading Citations in Medical Literature"

Mary Edith Walker, Director, St. Jude Children's Research Hospital, Memphis, TN; Deborah Brackstone, Head, Interlibrary Loans; and Janelle Rudolph, Reference Librarian, Memphis State University Libraries, Memphis, TN

"Misconduct in Scientific Publishing: A Case Study with Implications for Health Sciences Librarians"

Julie Johnson McGowan, Associate Director, School of Medicine Library, University of South Carolina, Columbia, SC

"Journal Retraction Policies"

Susan A. Selig, Associate Professor and Associate Director; Mary King Givens, Associate Professor, Health Science Library; and David L. Armbruster, Associate Professor and Head, Division of Educational and Research Support, Department of Health Informatics, University of Tennessee, Memphis, TN

16. *Impact of Health Professional Online Searching on Librarians—Panel B*

Franciscan A, B, and C, B level

Moderator: Frank O. Mason, Dental Librarian, Health Sciences Library System, University of Southern California, Los Angeles, CA

"Systems Support for End-User Searching in an Academic and Clinical Environment"

Carol M. Lelonek, Programmer/Analyst, Health Sciences Library, State University of New York-Buffalo, Buffalo, NY

"Unlimited Access to MEDLARS® Pilot Project"

Janet G. Schnall, Information Services Librarian, and Terry Ann Jankowski, Information Retrieval and Management Librarian, Health Sciences Library and Information Center, University of Washington, Seattle, WA

"End-User Searching and New Roles for Librarians"

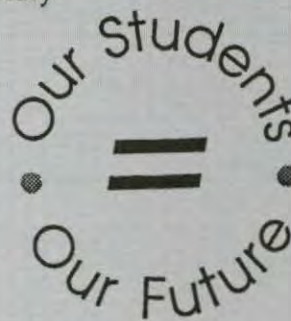
Barbara Lowther Shipman, Coordinator, Health Sciences Technical Systems and Special Projects; Diane G. Schwartz, Coordinator, Health Sciences Information Services; and Sandra C. Dow, Head, Public Health Library, University of Michigan, Ann Arbor, MI

6:30 P.M.—8:30 P.M.

President's Reception

"Our Students = Our Future"

University of California-San Francisco Library



Wednesday, June 5

7:00 A.M.—8:30 A.M.

Instructors Breakfast

Imperial A, B level

7:15 A.M.—8:00 A.M.

Medical School Libraries Breakfast

Belmont, 4th floor

7:30 A.M.—8:30 A.M.

Library Research Executive Session and Breakfast

Diablo, 4th floor

7:30 A.M.—9:00 A.M.

International Cooperation Section Executive Board Meeting

Sonoma, 4th floor

Federal Libraries Business Meeting

Lassen, 4th floor

Pharmacy and Drug Information Business Meeting

Franciscan B, B level

7:30 A.M.-10:30 A.M.

Chiropractic Libraries Breakfast and Business Meeting
Marin, 4th floor

8:00 A.M.-9:00 A.M.

Educational Media and Technologies Business Meeting
Saratoga, 4th floor

Medical School Libraries Business Meeting
Belmont, 4th floor

Nursing and Allied Health Resources Business Meeting
Franciscan A, B level

Research Libraries Business Meeting
Walnut A, 4th floor

Veterinary Medical Libraries Business Meeting
Walnut B, 4th floor

8:00 A.M.-9:00 A.M.

Job Market
Monterey A, 4th floor

"The Library's Contribution to Quality: The Bottom Line"

Sue Grossman, Kidney Health Science Library,
Millard Fillmore Hospital, Buffalo, NY

8:00 A.M.-9:30 A.M.

Technical Services Program
Continental 1, B level

Moderator: Lorraine Raymond, Health Sciences Library
and Information Center, University of Washington,
Seattle, WA

"Cataloging Update: Rules and Subject Headings"
Stephen Van Houten, Catalog Librarian and Head of
Department, Library of the Health Sciences, University
of Illinois-Chicago, Chicago, IL

8:00 A.M.-9:45 A.M.

History of the Health Sciences Business Meeting
Yosemite C, B level

8:00 A.M.-10:00 A.M.

Consumer and Patient Health Information Program
Imperial B, B level

The Planetree Model: A Unique Healthcare and Information Concept

Moderator: Tracey Cosgrove, Director, Planetree Health
Resource Center, Planetree Hospital, San Francisco, CA

"The Planetree Model Hospital Project"
Laura Gilpin, Associate Director, Planetree Hospital, San
Francisco, CA

"The Planetree Health Resource Center"
Tracey Cosgrove, Director, Planetree Health Resource
Center, Planetree Hospital, San Francisco, CA

Question-and-Answer Session

Dental Roundtable Discussions
Teakwood A and B, 4th floor

8:00 A.M.-8:40 A.M.

GRATEFUL MED[®] for Dentists

Moderator: Dolores Judkins, Dental Library, Oregon
Health Sciences University, Portland, OR

8:40 A.M.-9:20 A.M.

End-User Online Search Training for Dentists

Moderator: Maureen Wren, Dental Center Library, New
York University, New York, NY

9:20 A.M.-10:00 A.M.

Cooperative Projects for Dental Libraries

Moderator: Hal Gibson, Director, Health Sciences Library,
University of the Pacific, San Francisco, CA

10:15 A.M.-11:00 A.M.

Invited Speakers

Moderator: Hal Gibson, Director, Health Sciences Library,
University of the Pacific, San Francisco, CA

"Software to Enhance Decision-Making Skills in Geriatric Dentistry"

Roseann Mulligan, D.D.S., and Gary Wood, Ph.D.,
School of Dentistry, University of Southern California,
Los Angeles, CA

8:00 A.M.-NOON

Bulletin Consulting Editors Panel
Tamalpais, 4th floor

8:00 A.M.-5:00 P.M.

Placement Service
Tower, Lobby level

8:30 A.M.-9:30 A.M.

Library Research Business Meeting
Toyon, 4th floor

9:00 A.M.-9:45 A.M.

Educational Media and Technologies Program
Saratoga, 4th floor

Moderator: Damon Camille, Assistant Executive Director
for Library Services, Houston Academy of Medicine-
Texas Medical Center Library, Houston, TX

"Overview of Interactive Videodisc Technology: Hardware and Software Considerations"

Thomas Singarella, Ph.D., Professor and Chairman,
Department of Health Informatics, University of
Tennessee, Memphis, TN

9:00 A.M.-10:00 A.M.

Mental Health Librarians Business Meeting
Continental 2, B level

International Cooperation Program
Sonoma, 4th floor

Moderator: Larry Ellis, University of West Indies Medical
Library, Trinidad, West Indies

"Health Sciences Libraries in Two Cultures: Observations from Personal Experience in the United States and Nigeria"

Godfrey S. Belleh, Head, Department of Cataloging, McGoogan Library of Medicine, University of Nebraska Medical Center, Omaha, NE

"The Application of a Library Science Education to an Internship with USIS in Rangoon, Burma"

Elizabeth A. Cooley, Collection Development Librarian, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA

"Library Automation in Biomedical Libraries in the Soviet Union, Including a Case Study of the Eye Surgery Complex Library, Moscow"

Leonard Rhine, Ph.D., Head, Technical Services, Health Science Center Library, University of Florida, Gainesville, FL

9:00 A.M.-10:30 A.M.

Federal Libraries Program

Lassen, 4th floor

Moderator: Deborah A. Thompson, Chief of Library Services, Denver VA Medical Center, Denver, CO

"News for Federal Librarians: Professional Classification and FEDLINK"

Presenters: Denis Whitebook, Chief, Classification Branch, U.S. Office of Personnel Management, San Francisco Regional Office, San Francisco, CA, and Kathy Eighmey, FEDLINK Librarian, Federal Library and Information Center Committee, Library of Congress, Washington, DC

Medical Library Education/Relevant Issues Program

Tiburon, 4th floor

Sponsored by Rittenhouse Book Distributors, Inc.

Cultural Diversity Issues in Librarianship

Moderator: Judy Bube, Head, Collection Development, Biomedical Library, University of California-Irvine, Irvine, CA

"Education and Diversity"

Gwendolyn S. Cruzat, Ph.D., Professor, School of Information and Library Studies, University of Michigan, Ann Arbor, MI

"Modern Racism and Building Multiracial and Multicultural Environments"

Edith Maureen Fisher, Ph.D., President, TENGE Enterprises, Encinitas, CA

"Recruitment and Advancement of Minority Librarians"

Rafaela Castro, Ethnic Studies Librarian, Humanities/Social Sciences Department, Shields Library, University of California-Davis, Davis, CA

"Diversity: Its Impact on the Development of Library Services"

Janice T. Koyama, Head, Moffitt Undergraduate Library, University of California-Berkeley, Berkeley, CA

"Training of Staff and Personnel in Preparation for the New Era of Diversity"

Vivian Sykes, Librarian, McHenry Library, University of California-Santa Cruz, Santa Cruz, CA

Public Health/Health Administration Libraries Program

Continental 3, B level

Contemporary Perspectives on Quality of Health Care

Moderator: Stephanie L. Normann, Library Director, School of Public Health, University of Texas Health Science Center, Houston, TX

"Health Care Quality Assurance: Where Did it Come from and Where is it Now? A Bird's-Eye View of Quality Assurance at a University Hospital"

Kyra O. Janssen, Manager, Quality Assurance Program, University of California-San Francisco, San Francisco, CA

"Moving from Quality Assurance to Quality Improvement and Developing a Quality Assurance Plan for Your Hospital Library"

Susan Leary, Director of Quality Assurance, Kaiser Permanente, San Francisco, CA

"The Role of a Quality Improvement Network in Enhancing and Accelerating an Organization's Quality Improvement Efforts"

Hanna King, Quality Improvement Network Manager, Health Care Forum, San Francisco, CA

9:00 A.M.-11:00 A.M.

Hospital Libraries Focus Groups

Plaza A, Lobby level

Hospital Librarianship, 1991-2000: What Do Hospital Librarians Need to Succeed in the '90s?

Moderator: Ruth Holst, Director of Library Services, Columbia Hospital, Milwaukee, WI

Small group discussions on a wide range of topics, including hospital library reference services, technical services, library and health care administration, audiovisual services, computer applications, standards, total quality management, and much more, facilitated by the section; two 45-minute sessions.

Public Services Program

Continental 9, B level

Revolution in Roles: Staffing Alternatives for the '90s

Moderator: Rochelle Clary, Head of Reference, Circulation and Interlibrary Loan, Biomedical Library, University of California-Irvine, Irvine, CA

"Alternative Staffing: The Manager's Role"

Anne Wood Humphries, Head Reference Librarian, and Gretchen Naisawald, Assistant Director for Public Services, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA

"The TexSearch Help Office: An Extension to Information Desk Staffing"

Marlene Saul Englander, Assistant Director, Information Services, and Erika E. Frensley, TexSearch Assistant, Houston Academy of Medicine-Texas Medical Center Library, Houston, TX

"House Calls: Taking Education to the User"

Jonquil D. Feldman, Consultation Services Coordinator; Inhye Kim Son, Consultation Services Coordinator; and Anne Wood Humphries, Head Reference Librarian, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA

"Information Management Skills Training in a Personal Information Management Program"

Mitchell A. Cahan, Manager of the Psychiatry, Neurosciences Library and Nursing Services, William H. Welch Medical Library, Johns Hopkins University, Baltimore, MD

"Planning a Consolidated Science Library: Public Services Staffing Implications"

Judy Bube, Head, Collection Development; Rochelle Clary, Head of Reference, Circulation, and Interlibrary Loan, Biomedical Library; and J. Michael Homan, Assistant University Librarian for the Sciences, University Library, University of California-Irvine, Irvine, CA

9:00 A.M.-11:15 A.M.

Pharmacy and Drug Information/Cancer Librarians Program

AIDS and New Drugs: Controversies and Challenges
Franciscan B, B level

Moderator: Elaine Alligood, Special Assistant to the Director, Countway Library of Medicine, Harvard University, Boston, MA

"The FDA and AIDS Drug Approval"

Speaker to be announced

"AIDS Activism and Drug Approvals"

Martin Delaney, Executive Director, Project Inform, San Francisco, CA

"Activist or Handmaiden? Issues in AIDS Drug Information"

Speaker to be announced

9:15 A.M.-10:30 A.M.

Research Libraries/Veterinary Medical Libraries Program

Walnut B, 4th floor

Animal Rights and Biomedical Research

Speakers (to be announced) will address the effect the animal rights movement has had on biomedical research and the need for the scientific community to communicate effectively with the general public about this important issue.

9:15 A.M.-11:45 A.M.

Nursing and Allied Health Resources Program
Franciscan A, B level

Pathways to Information Access/Literacy in Nursing and Allied Health: The Librarian as Facilitator

Moderators: Robert M. Pringle, Jr., Head Librarian, Intercollegiate Center for Nursing Education, Spokane, WA, and Sheryl R. Stevens, Assistant Librarian, Henry Ford Hospital, Detroit, MI

9:30 A.M.-10:30 A.M.

"Determination of Reading Levels for Selected Nursing/Allied Health/Medical Journals"

Margaret I. Peloquin, Head Librarian, Austin Community College Learning Resource Center, Riverside Campus, Austin, TX

"Making the Most of the One-Session Library Orientation for Sophomore Nursing Students"

Barbara F. Schloman, Head, Reference and Information Services, Kent State University Libraries, Kent, OH

"End-User Training for Nursing Students: Program Evaluation and Planning"

Margaret Moore, Head, Information Management Education Services, Health Sciences Library, University of North Carolina-Chapel Hill, Chapel Hill, NC

"A First Offering in Nursing Informatics"

Leslie Schick, Director, College of Nursing and Health, University of Cincinnati, Cincinnati, OH

10:45 A.M.-11:45 A.M.

"Access to Automated Academic Medical Center Library from Hospital Nursing Stations: A Cooperative Venture"

Jacqueline Picciano, Head, Access Services Department, Cornell University Medical College Library, New York, NY

"Reaching Nurses with the Literature: A Pilot Study"

Christine Thinnies, IAIMS Clinical Information Specialist, Department of Information Research and Development, and Vicki J. Killion, Information Services Librarian, Health Sciences Library, University of Cincinnati, Cincinnati, OH

"A Hospital Library's Involvement in Research Projects of Practicing Nurses"

Ellen Proctor, Librarian, Health Sciences Library, Veterans Affairs Medical Center, Dayton, OH

"Midwives Information and Resource Service (MIDIRS): Born to Deliver Information to Midwives"

Sharon Chadwick, Science Librarian, Humboldt State University, Arcata, CA

9:15 A.M.—NOON

Medical School Libraries Program
Plaza B, Lobby level

The National Research and Educational Network (NREN), an Information Superhighway

Moderator: Rick B. Forsman, Deputy Director, Denison Library, University of Colorado Health Sciences Center, Denver, CO

"Issues Arising from the Emerging National Research and Education Network Environment"

Richard P. West, Associate Vice-President, Information Systems and Administrative Services, University of California—Berkeley, Berkeley, CA

"Changing Roles for Libraries in the National Information Infrastructure"

Steve Cisler, Senior Scientist, Apple Library, Advanced Technology Group, Apple Computer, Inc., Cupertino, CA

"The NREN and the Highway to Heaven"

Wayne J. Peay, Director, Eccles Health Sciences Library, University of Utah, Salt Lake City, UT

9:45 A.M.—11:15 A.M.

Library Research/Technical Services Program
Continental 1, B level

Moderator: B. J. Gramka, Head of Cataloging, Lister Hill Library, University of Alabama—Birmingham, Birmingham, AL

"Evaluation of a Journal Collection by Cost-Benefit Analysis"

Naomi Fackler, Collection Development Coordinator, and Esther Carrigan, Manager of Technical Services, Medical Sciences Library, Texas A&M University, College Station, TX

"ILS Decision Aids for Collection Development"

Loretta H. Stucki, Associate Director for Technical Services and Networking, and Elizabeth A. Kelly, Associate Director for Access Services and Information Systems, Library and Biomedical Communications Center, Washington University School of Medicine, St. Louis, MO

"Biomedical Journal Title Changes: Reasons, Trends, and Impact"

Paul E. Wrynn, Serials Librarian, New York University School of Medicine, New York, NY; and Van B. Afes, Head of Technical Services, Louis Calder Memorial Library, University of Miami School of Medicine, Miami, FL

"Validation of Selectivity: The Approval Plan in the Smaller Health Sciences Library"

Kathryn Hammell Carpenter, Bibliographer for the Health Sciences, University Library, University of Illinois—Chicago, Chicago, IL

10:00 A.M.—11:00 A.M.

Consumer and Patient Health Information Business Meeting
Imperial B, B level

10:00 A.M.—11:00 A.M.

Coffee Break
MLA Garden Cafe, Hall of Exhibits

10:00 A.M.—11:30 A.M.

Educational Media and Technologies Focus Groups

Saratoga, 4th floor

Important Issues Facing EMTS Members

Moderator: Damon Camille, Assistant Executive Director for Library Services, Houston Academy of Medicine—Texas Medical Center Library, Houston, TX

History of the Health Sciences Program

Yosemite C, B level

Jack D. Pressman, Ph.D., Assistant Professor, and Nancy Rockafeller, Ph.D., Postdoctoral Research Fellow, Department of the History of the Health Sciences, University of California—San Francisco, San Francisco, CA

10:00 A.M.—2:00 P.M.

Hall of Exhibits Open
(See "Guide to Exhibits," pp. 59–67.)

Mental Health Librarians Focus Group

Strategic Planning
Continental 2, B level

10:30 A.M.—11:00 A.M.

Public Health/Health Administration Libraries Business Meeting
Continental 3, B level

10:30 A.M.—11:30 A.M.

International Cooperation Business Meeting
Sonoma, 4th floor

10:30 A.M.—11:45 A.M.

Relevant Issues Business Meeting
Tiburon, 4th floor

10:30 A.M.—NOON

Chiropractic Libraries Program
Marin, 4th floor

The Current Status of Indexes to the Chiropractic Literature: A Critical Review and Panel Discussion

Moderator: Marcia M. Thomas, Library Director, Ruth R. Cleveland Memorial Library, Cleveland Chiropractic College, Kansas City, MO

"The Index to Chiropractic Literature"

Kay Irvine, Library Director, W. A. Budden Memorial Library, Western States Chiropractic College, Portland, OR

"The Chiropractic Research Archives Collection"

Marilyn Schafer, Library Director, C. C. Clemmer Health Sciences Library, Canadian Memorial Chiropractic College, Toronto, Ontario, CN

"The CHIROLARS Database"

Barbara Schmiechen, Online Services, David D. Palmer Health Sciences Library, Palmer College of Chiropractic, Davenport, IA

10:45 A.M.—NOON

Veterinary Medical Libraries Lecture/Demonstration

Walnut B, 4th floor

CONSULTANT, a Signs and Symptoms Diagnostic Database for Animal Diseases

11:15 A.M.—12:15 P.M.

Technical Services Business Meeting

Continental 1, B level

11:15 A.M.—12:45 P.M.

Public Services Business Meeting

Continental 9, B level

Hospital Libraries Luncheon and Business Meeting

Continental 6, B level

11:30 A.M.—1:30 P.M.

Pharmacy and Drug Information Luncheon and Excerpta Medica Lecture

Franciscan C, B level

Lectureship sponsored by Elsevier Science Publishers, B.V.

Introduction: Elaine Alligood, Special Assistant to the Director, Countway Library of Medicine, Harvard University, Boston, MA

Presenter: Murray Gardner, M.D., Director, Institute for AIDS Research, University of California-Davis, Davis, CA

11:45 A.M.—1:30 P.M.

History of the Health Sciences Luncheon with Speaker

Samuel's Restaurant, Mark Twain Hotel, 345 Taylor Street

Moderator: David W. Boilard, Director, Harley French Library of the Health Sciences, University of North Dakota, Grand Forks, ND

"Rebirth of the History of Medicine Collection at the University of Kansas Medical Center" (includes a video brochure presentation)

Susan B. Case, Rare Books Librarian, University of Kansas Medical Center, Kansas City, KS

NOON—2:00 P.M.

Medical Society Libraries Luncheon with Speaker

Belmont, 4th floor

Moderator: Patricia Gibson, Vice-President for Information Services, American Academy of Family Physicians Foundation, Kansas City, MO

"Leading the Way in AIDS Policy Development: The Experience of the California Medical Association"

Mark L. Madsen, Director, Department of Physician Education, California Medical Association, San Francisco, CA

12:30 P.M.—1:15 P.M.

Technical Services Luncheon

Cypress, 4th floor

(by invitation only)

1:00 P.M.—2:00 P.M.

Collection Development Business Meeting

Saratoga, 4th floor

1:00 P.M.—2:30 P.M.

Cancer Librarians Business Meeting

Yosemite A, B level

Medical Library Education Program

Continental 7 and 8, B level

Sponsored by CD Plus, Inc.

Moderator: David S. Ginn, Associate Director for Information Services, Falk Library of the Health Sciences, University of Pittsburgh, Pittsburgh, PA

"Advances in Education for Health Sciences Librarianship: Medical Informatics"

Robert Wedgeworth, Dean, School of Library Service, Columbia University, New York, NY

Reactor Panelists: Prudence W. Dalrymple, Ph.D., Assistant Professor, Graduate School of Library and Information Science, University of Illinois-Urbana/Champaign, Urbana, IL; Phyllis S. Mirsky, Associate University Librarian, Administrative and Public Services, University of California-San Diego, La Jolla, CA; and Donald A. B. Lindberg, M.D., Director, National Library of Medicine, Bethesda, MD

1:00 P.M.—2:45 P.M.

Medical Informatics Technical Session

Imperial B, B level

Libraries and the Future of Medical Informatics

Moderator: Nancy K. Roderer, Acting Director, Augustus C. Long Health Sciences Library, Columbia University, New York, NY

"Networking Information Resources to the Site of Patient Care"

Edward H. Shortliffe, Ph.D., Professor of Medicine and of Computer Science, Stanford University, Stanford, CA

"Medical Librarians and Medical Informatics"

Sherrilynne S. Fuller, Ph.D., Director, Health Sciences Library and Information Center, and Affiliate Assistant Professor, Department of Medical Education, Medical School, and Debra S. Ketchell, Associate Director for Resource Management and Systems Development, Health Sciences Library and Information Center, University of Washington, Seattle, WA

1:15 P.M.-3:30 P.M.

Technical Services Program

Continental 1, B level

Moderator: Lorraine Raymond, Health Sciences Library and Information Center, University of Washington, Seattle, WA

"NLM Update"

Sally K. Sinn, Deputy Chief, Technical Services Division, National Library of Medicine, Bethesda, MD

"SERLINE®: Access to Serials Data from the National Library of Medicine"

Dianne McCutcheon, Assistant Head, Serial Records Section, National Library of Medicine, Bethesda, MD

1:30 P.M.-3:30 P.M.

Hospital Libraries Program

Plaza A and B, Lobby level

(Cosponsored by the Federal Libraries, Mental Health Librarians, and Nursing and Allied Health Resources Sections and the Status and Economic Interests of Health Sciences Library Personnel Committee)

Sponsored in part by Readmore, Inc.

Moderator: Richard S. Klein, Director of Library Services, Doctor William M. Scholl School of Podiatric Medicine, Chicago, IL

Introduction: Rachael K. Anderson, Director, Health Sciences Center Library, University of Arizona, Tucson, AZ

"Image Empowerment: Strategies for the Health Sciences Librarian"

Kaycee Hale, Executive Director, Resource and Research Center, Fashion Institute of Design and Merchandising, Los Angeles, CA

1:30 P.M.-3:45 P.M.

Pharmacy and Drug Information/Relevant Issues Program

Franciscan B, B level

Medical Informatics in Drugs and AIDS

Moderator: Elaine Alligood, Special Assistant to the Director, Countway Library of Medicine, Harvard University, Boston, MA

"The AIDS Electronic Compendex and the Librarian's Informatics Role"

Peter Tolos, Director, Center for Medical Informatics, Marina del Rey, CA

"Distinguishing Drug Effects from Disease Effects: Making Diagnoses More Accurate"

Michael Mabry, M.D., NLM Fellow in Medical Informatics, University of Pittsburgh, Pittsburgh, PA

"Librarians in Medical Informatics, What's Our Role: Activist or Pacifist?"

Nina Dougherty, Assistant Director for Information Services and Adjunct Instructor, Department of Medical Informatics, University of Utah, Salt Lake City, UT

1:30 P.M.-4:00 P.M.

Dental Business Meeting

Teakwood A and B, 4th floor

Veterinary Medical Libraries Tour

San Francisco Society for the Prevention of Cruelty to Animals

2:00 P.M.-3:00 P.M.

Medical Society Libraries Business Meeting

Belmont, 4th floor

2:00 P.M.-3:30 P.M.

Collection Development Program

Saratoga, 4th floor

Collection Assessment in Health Sciences Libraries

Moderator: Anne M. Pascarelli, Director, Sheppard Library, Massachusetts College of Pharmacy and Allied Health Sciences, Boston, MA

"An Overview of Collection Assessment Techniques"

Daniel T. Richards, Collection Development Officer, National Library of Medicine, Bethesda, MD

"The Deselection Process in Collection Analysis"

Mark E. Funk, Collection Development Librarian, Samuel J. Wood Library, Cornell University Medical College, New York, NY

Public Services Special Interest Groups

Continental 9, B level

"End-User Training: Does It Work?"

Virginia Garvin Saha, Assistant Director, Cleveland Health Sciences Library, Cleveland, OH

"Changing Roles: Paraprofessionals at the Reference Desk"

Jayne Campbell, Manager, Welch Information and Online Services, William H. Welch Medical Library, Johns Hopkins University, Baltimore, MD; Janna Lawrence, Information Services/Online Services Coordinator, Library, University of Texas Health Sciences Center-San Antonio, San Antonio, TX; Judie Malamud, Director, D. Samuel Gottesman Library, Albert Einstein College of Medicine, Bronx, NY; and Elaine R. Martin, Associate Director for Education, Clinical, and Research Services, Health Sciences Library and Information Center, University of Washington, Seattle, WA

"Coordinator, Team, or Department: Administrative Configurations for Information Management Education"

Kathryn Nesbit, Education Librarian, Edward G. Miner Library, University of Rochester School of Medicine and Dentistry, Rochester, NY; M. J. Tooley, Assistant Director for Information Services, Health Sciences Library, University of Maryland-Baltimore, Baltimore, MD; and Margaret Moore, Head, Information Management Education Services, Health Sciences Library, University of North Carolina-Chapel Hill, Chapel Hill, NC

NOTES

2:00 P.M.-4:00 P.M.

History of the Health Sciences Tour

Special Collections, The Library, University of California-San Francisco, with Nancy Zinn, Head of Special Collections and University Archivist

2:30 P.M.-3:30 P.M.

Cancer Librarians

10th Anniversary Reception
Yosemite A, B level

Medical Library Education Business Meeting
Continental 7 and 8, B level

4:00 P.M.-5:00 P.M.

Plenary Session III

Continental Ballroom, B level

Joseph Leiter NLM/MLA Lecture

Introduction: Donald A. B. Lindberg, M.D., Director, National Library of Medicine, Bethesda, MD

"Scientists' Needs and Opportunities for Communication"

Joshua Lederberg, M.D., Ph.D., Professor, Rockefeller University, New York, NY

Jointly funded by the Joseph Leiter NLM/MLA Lectureship Endowment and the Northern California and Nevada Medical Library Group, a chapter of MLA.

Videotaping underwritten by Ballen Booksellers International, Inc.

Presentation of Awards

Joseph Leiter NLM/MLA Lectureship
Marcia C. Noyes Award

5:00 P.M.-6:00 P.M.

Business Session III

Continental Ballroom, B level

Presiding: Lucretia W. McClure, President, Medical Library Association, and Medical Librarian and Associate Professor of Medical Bibliography, Edward G. Miner Library, University of Rochester School of Medicine and Dentistry, Rochester, New York.

Old Business

New Business

Resolutions

Welcome to 1992 Host City, Washington, DC

Pamela Jajko, Chairman, 1992 National Program Committee, Director of the Library and Information Center, El Camino Hospital, Mountain View, CA, and Laurie Thompson, Chairman, 1992 Local Assistance Committee, and Associate Director of Library Operations, Himmelfarb Library, George Washington University, Washington, DC

Presentation of MLA Scholarships and Grants

Research, Development, and Demonstration Project Grant

Joanne G. Marshall, Assistant Professor, Faculty of Library and Information Science, University of Toronto, Toronto, Ontario, CN

Barbara Carlson, Head, Serials Management, and Robert Poyer, Coordinator of Public Services, Library, Medical University of South Carolina, Charleston, SC

Continuing Education Grant

Patricia J. Hamilton, Director, Rapid City Regional Hospital, Health Sciences Library, Rapid City, SD

MLA Scholarship

Joyce Condon, Microbiologist and Library Intern, Porter Memorial Hospital, Denver, CO

MLA Scholarship for Minority Students

Louis Lik-Fu Tong, Information Assistant, Houston Academy of Medicine-Texas Medical Center Library, Houston, TX

Recognition of Retiring Board Members

Introduction of Incoming Board Members

Inaugural Address

"Bringing Back the Librarian"

Richard A. Lyders, President, Medical Library Association, and Executive Director, Houston Academy of Medicine-Texas Medical Center Library, Houston, TX

Adjournment

6:30 P.M.-8:00 P.M.

Farewell Party

San Francisco Cable Museum, Powerhouse and Car Barn

Transportation will be provided compliments of EBSCO Subscription Services.

Thursday, June 6

8:00 A.M.-NOON

Section Council

Sonoma, 4th floor

8:00 A.M.-2:00 P.M.

Chapter Council

Belmont, 4th floor

8:00 A.M.-5:00 P.M.

Continuing Education Committee

Toyon, 4th floor

8:30 A.M.-NOON

Hospital Libraries Section Executive Committee

Cypress, 4th floor

8:30 A.M.-5:00 P.M.

American Medical Informatics Association/MLA Symposium

Continental 5, B level (*Symposium begins in this location.*)

9:00 A.M.-4:30 P.M.

MLA/Library Research Section Symposium

Franciscan A, B level (*Symposium begins in this location.*)

Friday, June 7

9:00 A.M.-3:00 P.M.

Board of Directors

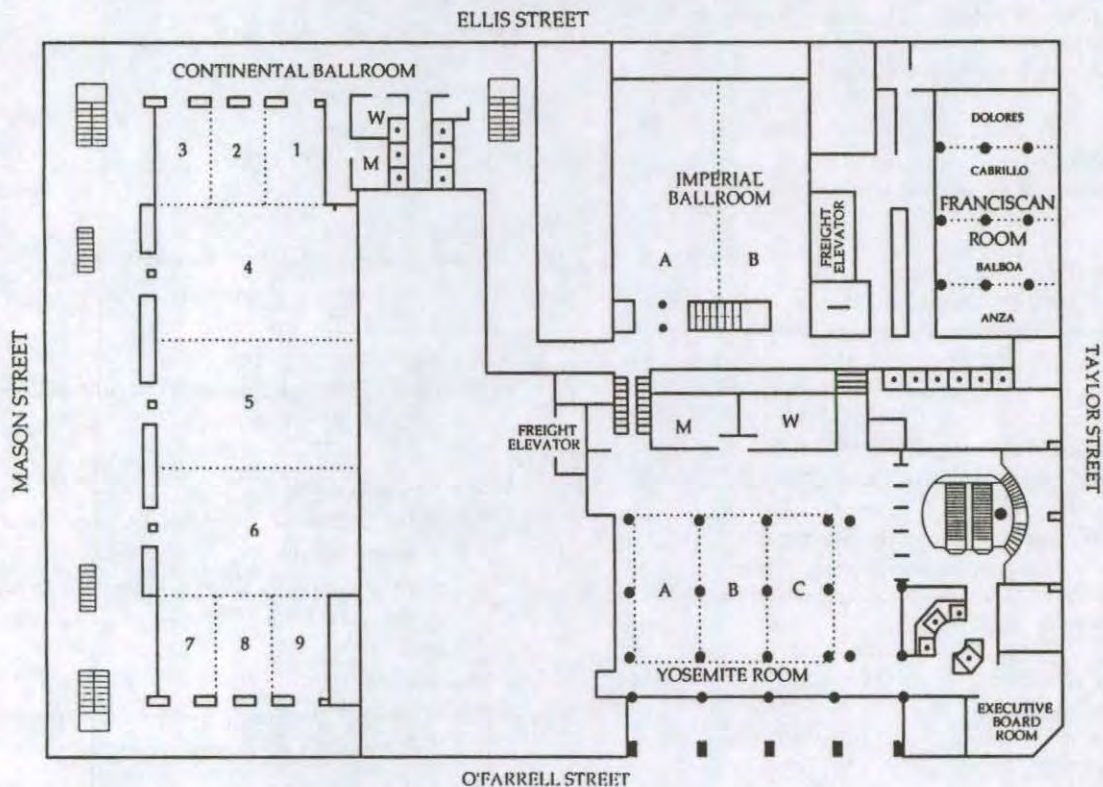
Teakwood, 4th level

9:00 A.M.-5:00 P.M.

1992 National Program Committee

Continental C, B level

BALLROOM MAP



SCIENTIFIC AMERICAN *Medicine* —

Publisher of authoritative, up-to-date information resources for your library

We invite you to stop by the SCIENTIFIC AMERICAN *Medicine* exhibit at Booth #172 and see the latest services designed to keep your library current. Our unique information system includes:

SCIENTIFIC AMERICAN *Medicine* — the classic three-volume internal medicine loose-leaf reference and monthly updating service.

CONSULT™ — the full text of SCIENTIFIC AMERICAN *Medicine* on CD-ROM, including graphics. A completely new way to access information — quickly and efficiently. Stop by and try it — and see for yourself just how easy it is to use.

CARE of the SURGICAL PATIENT — an indispensable resource on pre and postoperative care designed by the American College of Surgeons and SCIENTIFIC AMERICAN *Medicine*.

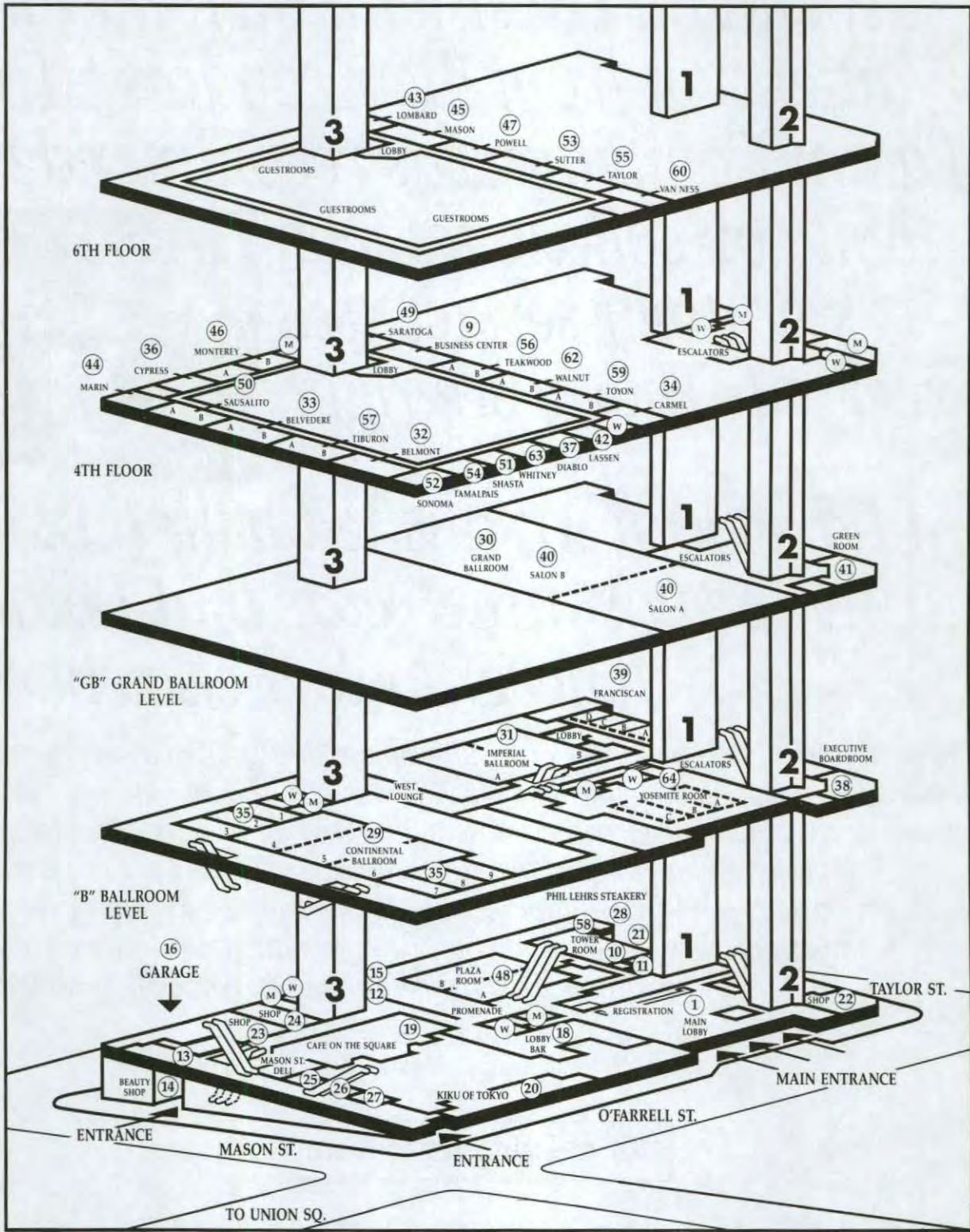
DISCOTEST® — the CME program for personal computers. These interactive patient management problems offer users the opportunity to earn up to 32 hours of Category 1 or prescribed credits per year.

We look forward to seeing you in Booth #172.

**SCIENTIFIC
AMERICAN MEDICINE**

415 Madison Avenue, New York, NY 10017 1-800-545-0554

SAN FRANCISCO HILTON MAP



"Hospital and medical center libraries depend on consistent, high-quality attention from their vendors. The Faxon Company was recommended to me by colleagues who said their service was excellent. They were right."



I have been so satisfied with Faxon during the past nine years that I have never looked elsewhere.

To my knowledge, Faxon is the only subscription agency with a client service group dedicated to serving the biomedical community. We at MacNeal Health Science Resource Center know their names, and they know ours. That focus is reflected in the range of their titles and the reliability of their service. They meet our day-to-day needs, processing claims within 24 hours of receipt. As important, they understand how our information needs are evolving. On this and all fronts, Faxon gives us the best value for our dollar."

*-RYA BEN-SHIR, HOSPITAL LIBRARIAN OF THE YEAR, 1989
MANAGER, MACNEAL HOSPITAL HEALTH SCIENCE RESOURCE CENTER*

Come visit us at Island E

Helping you manage your world of information.

faxon

To learn more about the Faxon Company, the international subscription agency with a commitment to quality service, call 1 (800) 766-0039.

INFORMAL MEETINGS SCHEDULE

	<u>DATE</u>	<u>TIME</u>	<u>PLACE</u>
Academy Consultation	Monday, June 3	6:00 P.M.-7:00 P.M.	Tiburon A, 4th floor
Association of Visual Science Librarians	Sunday, June 2	10:00 A.M.-NOON	Marin, 4th floor
CAPHIS Executive Committee	Monday, June 3	6:00 P.M.-9:00 P.M.	Teakwood A, 4th floor
CD Plus User Group	Monday, June 3	6:15 P.M.-8:15 P.M.	Continental 3, B level
Compact Cambridge Users Group	Monday, June 3	6:00 P.M.-7:30 P.M.	Franciscan B, B level
Department of Veterans Affairs	Tuesday, June 4	7:00 A.M.-9:00 A.M.	Plaza A, Lobby level
DOCLINE®/Loansome Doc Sharing Meeting	Tuesday, June 4	7:00 A.M.-9:00 A.M.	Yosemite A, B level
Exchange Advisory Committee (automation pilot project evaluation)	Monday, June 3	7:00 P.M.-9:00 P.M.	Franciscan C, B level
Hospital Libraries Section (Automation Forum)	Monday, June 3	8:00 P.M.-10:00 P.M.	Franciscan D, B level
Hospital Libraries Section (all-committee meeting)	Tuesday, June 4	7:00 A.M.-9:00 A.M.	Yosemite C, B level
Institute for Scientific Information	Tuesday, June 4	7:00 A.M.-9:00 A.M.	Cypress, 4th floor
MCMLA (Midcontinental Chapter) Executive Meeting	Sunday, June 2	7:00 A.M.-10:00 A.M.	Tamalpais, 4th floor
Membership Committee	Sunday, June 2	10:00 A.M.-11:30 A.M.	Shasta, 4th floor
Mental Health Librarians Section	Wednesday, June 5	8:00 A.M.-9:00 A.M.	Continental 2, B level
Outreach Librarians	Wednesday, June 5	8:00 A.M.-10:00 A.M.	Continental 7, B level
Pediatric Librarian Group	Tuesday, June 4	7:00 A.M.-9:00 A.M.	Saratoga, 4th floor
Section CE/Professional Development Liaison	Tuesday, June 4	8:00 A.M.-9:00 A.M.	Sausalito B, 4th floor
SERHOLD® Coordinators	Monday, June 3	6:00 P.M.-7:00 P.M.	Walnut A and B, 4th floor
South Central Chapter	Tuesday, June 4	7:00 A.M.-9:00 A.M.	Walnut A, 4th floor
Southern Chapter/MLA	Monday, June 3	6:00 P.M.-9:00 P.M.	Teakwood B, 4th floor
Technical Services Section	Monday, June 3	6:00 P.M.-8:00 P.M.	Cypress, 4th floor

Books and journals on display

harwood academic publishers



● **Liability in Medical Practice: A Reference for Physicians**

Norman S. Blackman, State University of New York, Brooklyn • Charles P. Bailey, Hahnemann University, Philadelphia, Pennsylvania

Direct, practical and free of legal jargon, this book approaches the medical liability issue within the framework of accepted medical ethics, and covers its history, present status and outlook for the future. An indispensable assembly of background information and specifics on an increasingly important issue in modern medical practice!

Hardcover ISBN: 3-7186-0506-6 / Softcover ISBN: 3-7186-0512-0 / 484 pages / 1990

● **Treatment of Chronic Pain: Possibilities, Limitations and Long-Term Follow-up**

Edited by M. Mumenthaler, Universität Klinik, Bern, Switzerland • P.A. Van Zwielen, Universiteit van Amsterdam, The Netherlands • J.-M. Farcot, Clinique de la Toussaint, Strasbourg, France

New pain therapies are examined from the perspective of their immediate effectiveness in light of potential for long-term use. Furnishing data gained from carefully conducted studies, **Treatment of Chronic Pain** makes a significant contribution to the development of a new, scientifically-based therapy for pain.

Hardcover ISBN: 3-7186-5026-6 / Softcover ISBN: 3-7186-5027-4 / 340 pages / 1990

● **HPB Surgery: A World Journal of Hepatic, Pancreatic and Biliary Surgery**

Coordinating Editor: Stig Bengmark, Lund University, Sweden

This journal has a worldwide outlook that is at the forefront of progress in experimental and clinical developments in the specialty. Drawn from its worldwide base, the editorial board selects papers addressing the broad subjects and highly specialized topics that comprise the whole of HPB surgery. In addition, reviews and comments on papers published elsewhere appear in a section titled *HPB International*, and news of meetings and other events of interest to HPB surgeons round out the journal's content.

4 issues per volume / ISSN: 0894-8569 / Current subscription: Volumes 3-4 (1991)

● **Cancer Therapy and Control**

Editor in Chief: E.T. Bucovaz, University of Tennessee, Memphis

As an international journal, **Cancer Therapy and Control** presents original observations and investigations related to all aspects of human oncobiology, including research, treatment and management. This journal accepts the challenge of making accessible the increasing quantity of specialized information to a growing and diverse audience.

4 issues per volume / ISSN: 0896-5080 / Current subscription: Volume 2 (1991)

● **Developmental Immunology**

Editors in Chief: Harald von Boehmer, Basel Institute for Immunology, Switzerland • Tadimitsu Kishimoto, Osaka University, Japan

Covering cellular and molecular areas of developmental immunology, this journal reports on both ontogenetic and phylogenetic elements by way of contributions from experts in the field, and presents expanding knowledge of developmental aspects of the immune system. Recently emerged as a specialized area of study, papers concerning developmental immunology have appeared in various journals; now this information is available in a single, convenient source.

4 issues per volume / ISSN: 1044-6672 / Current subscription: Volume 1 (1991)

● **Leukemia & Lymphoma**

Editor in Chief: Aaron Polliack, Hadassah University Hospital, Jerusalem, Israel

Leukemia & Lymphoma is an international journal that brings together clinical and laboratory data on lymphomas, leukemias and allied disorders. It publishes full-length papers, communications and reviews on clinical and therapeutic practice, laboratory diagnosis, pathology, cytology, ultrastructure, cytogenetics, and cellular and molecular immunology, with a strong clinical-pathologic correlation.

6 issues per volume / ISSN: 1042-8194 / Current subscription: Volumes 4-5 (1991)

● **Pediatric Reviews and Communications**

Editors: David Burman, Bristol, United Kingdom • Philip Lankowsky, Schneider Children's Hospital of Long Island, New Hyde Park, New York

An international forum for original articles and reviews on all aspects of pediatric practice and child health...covering general pediatrics and the broad scope of pediatric subspecialties as diverse as psychiatry, surgery and nursing.

4 issues per volume / ISSN: 0882-9225 / Current subscription: Volume 6 (1991)

Free sample copies of journals will be available.



harwood academic publishers

P.O. Box 786 Cooper Station, New York, NY 10276, USA • (212) 206-8900 FAX: (212) 645-2459
P.O. Box 90, Reading, Berkshire RG1 8JL, UK • 0734-560080 FAX: 0734-568211

Can You Tell The Difference Between MEDLINE On The PC And The Mac?



From now on it'll be difficult. Because Knowledge Finder is now available for both!!

The breakthrough has finally been made. Knowledge Finder®, the revolutionary CD-ROM search software for MEDLINE® and other medical reference data bases, is now available for the IBM® PC and compatibles.

But, that's not all. The wonderfully intuitive Knowledge Finder user interface is part of this grand marriage. And, as if that weren't enough, we've found a way to network PCs and Macintoshes® using the same CD-ROM discs.

Smaller networks can even operate without a dedicated server*. That's right, no dedicated server - multiple platform access is a reality.

A very important part of this match is that you'll save a great deal of time in training users. Knowledge Finder is so simple to use it'll also save time in searching, which frees up equipment sooner.

There's virtually no difference in the performance of the same task on both machines. Once you learn on one, you'll automatically know the other.

Call us today for more information about this exciting breakthrough. Our phone number is:

508-475-7200

Aries Systems Corporation
One Dundee Park
Andover, MA 01810 USA
FAX 508-474-8860

Knowledge Finder is a registered trademark of Aries Systems Corporation. Apple and Macintosh are registered trademarks of Apple Computer, Inc. MEDLINE is a registered trademark of the National Library of Medicine. IBM is a registered trademark of International Business Machines Corp.

*Requires Apple® Computer's System 7.0 operating system.

A R I E S

Enhancing the Power of Knowledge

▲ **PARLIAMENTARY RULES ARE** established to aid organizations in the orderly, expeditious, and equitable accomplishment of their business. Because order and good will are essential to the process of working together and achieving common goals, it is essential that association members have an understanding and working knowledge of parliamentary procedure. The following overview is offered as a guide to participating in business meetings of the Medical Library Association.

Parliamentary Authority

As provided for in the Bylaws of the Medical Library Association (Article XIII, Section 1), rules in the current edition of *Robert's Rules of Order Newly Revised*, 1990 edition, shall govern the association in all cases where they are applicable and in which they are not inconsistent with the bylaws of the association.

Rules of the Assembly

The following rules govern the conduct of MLA business meetings:

The Floor

When addressing the chair, the person desiring recognition moves to a microphone and gives proper identification, including name and institution, as well as city and state; only MLA members are permitted to speak on the floor of the assembly.

Motions and Resolutions

According to the MLA Bylaws (Article II, Section 8), main motions (those introducing new business) may be brought to the assembly only if written copies have been distributed at or before the meeting to each voting member present or by unanimous consent of voting members present. Resolutions are motions presented in formal form.

Debate

Debate is limited to two minutes for each speaker; no speaker may have the floor twice on the same question until all who wish to speak have spoken.

Quorum

A quorum of 5% (of the voting members) is required for the transaction of business. For purposes of determining a quorum, a person eligible to cast two votes is counted as two voting members.

Voting

To facilitate the counting of votes, voting paddles are provided to all eligible voters attending the annual meeting. Voting paddles are color-coded to distinguish between institutional and regular members.

General consent may be used as a method of voting if there is no objection. Any of the foregoing rules may be suspended by a two-thirds vote.

Understanding Motions

Motions are classified according to their purposes and characteristics.

Main Motions

An original main motion brings a new substantive question before the assembly for consideration and action. An incidental main motion relates to other business of the assembly or its past or future action. Incidental main motions include motions to amend something previously adopted and to rescind.

Subsidiary Motions

These may alter the main motion and are related to it.

- Lay on the table (a temporary delay)
- Previous question (to stop debate)
- Limit or extend debate
- Postpone to a certain time
- Commit or refer to a committee
- Amend
- Postpone indefinitely (to kill)

Privileged Motions

These have no direct connection to the main motion. They are the highest ranking motions and are designed to take care of emergencies that arise in the assembly.

- Fix the time to which to adjourn—
set an adjourned meeting
- Adjourn
- Recess
- Question of privilege
- Call for the orders of the day

Incidental Motions

These arise only incidentally out of business before the assembly. Most of these motions are not debatable and are handled as soon as they arise. Some incidental motions are

- Appeal from the decision of the chair
- Consider seriatim (consideration by paragraph)
- Division of the question
- Parliamentary inquiry
- Point of information
- Point of order
- Suspend the rules
- Withdraw a motion

Motions that bring a question again before the assembly

- Take from the table
- Reconsider
- Rescind or amend something previously adopted

Precedence of Motions

Precedence sets the priority of motions and the order in which they must be proposed and considered. Subsidiary and privileged motions are ranked in this descending order:

- Fix the time to which to adjourn (highest ranking)
- Adjourn
- Recess
- Question of privilege
- Call for the orders of the day
- Lay on the table
- Previous question
- Limit or extend debate
- Postpone to a certain time
- Commit or refer
- Amend
- Postpone indefinitely
- Main motion

Only those motions that are higher in rank than the pending motion are in order and may be made. For example, when the main motion and the motion to commit are pending, only motions of higher rank than commit may be moved.

Frequently Used Motions

- To approve action _____ Move to accept, adopt, or ratify
- To defer action _____ Move to postpone to a definite time, refer to a committee, or lay on the table
- To extend debate _____ Move to extend debate
- To introduce business _____ Make a main motion
- To kill a motion _____ Move to postpone indefinitely
- To limit debate _____ Move to limit debate
- To make a request _____ Rise to a point of information, rise to a parliamentary inquiry, or rise to a question of privilege
- To modify or change _____ Move to amend by inserting, striking out, or inserting and striking out selected words

- To object to a _____ Move to appeal decision of the chair
- To reconsider a vote _____ Move to reconsider (you must have voted on the prevailing side the first time)
- To refer a motion for _____ Move to refer the more study motion to a committee
- To repeal action _____ Move to rescind
- To suppress a question _____ Move to postpone indefinitely or object to consideration. Object to consideration may be applied only to original main motions and must be moved before debate begins.

Procedure for Handling A Main Motion

- The member goes to the microphone, waits to be recognized by the chair, addresses the chair, gives proper identification and states the motion, "I move that..." or "I rise to..." If the member stays at the microphone until the chair calls for debate, the maker will be the first member called upon to debate.
- Another member without rising seconds the motion.
- The chair restates the motion and calls for debate.
- Members who want to debate the motion go to the microphone, wait to be recognized by the chair, then give the proper identification before beginning to debate.
- When there is no further debate or debate is closed, the chair will take the vote, announce the vote, and declare what will happen as a result of the vote.

This parliamentary procedure outline is *only* a beginning guide. Detailed information on motions is found in *Robert's Rules of Order Newly Revised*, 1990 edition. Members are encouraged to ask the parliamentarian for assistance.

WHAT DO THESE LIBRARIES KNOW THAT YOU DON'T KNOW?

Albert Einstein College of Medicine
Audie Murphy Medical Center
Catherine McAuley Health Center
Cornell University Medical College
Eastern Virginia Medical School
George Washington University
Georgetown University
Hahnemann University
Henry Ford Hospital
Medical College of Georgia
Medical University of South Carolina
Memorial Sloan-Kettering Cancer Center

Montefiore Medical Center
Morehouse School of Medicine
OrthoPharmaceutical Corporation
Payne Whitney Clinic
Rush/Presbyterian/St. Luke's Medical Center
St. John's Medical Center
Southern Illinois University
SUNY - Buffalo
Texas College of Osteopathic Medicine

Texas Tech University
Thomas Jefferson University
University of Medicine & Dentistry of New Jersey
University of Nebraska
University of South Carolina
University of Tennessee, Memphis
University of Texas, San Antonio
University of Texas, Tyler
University of Virginia
Upjohn Corporation
Winthrop University Hospital
Yale University

L I S

The Georgetown University Library Information System

A fully-integrated automation system for medical libraries,
offering a wide range of features at competitive prices.



Stop by our M.L.A. booth, #122, for more information.

Dahlgren Memorial Library, Georgetown University Medical Center
3900 Reservoir Road, NW, Washington, DC 20007
Contact: Jason Rubis; Tel. (202) 687-1035

EBSCO
is
serials
service
for
medical
libraries.

EBSCO believes in providing the best in serials service to our medical and health sciences library customers. So we've designed our services with you, the medical librarian, in mind. Take a look at just a few of the many benefits you receive when you order through EBSCO:

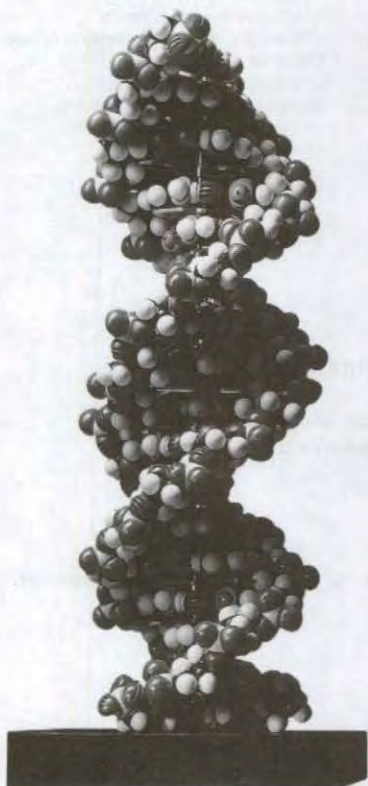
- Accurate, on-time order placement
- Online claims to major STM publishers
- Customized serials management reports
- Invoice information in machine-readable form
- Unique Missing Copy Bank® for Medical Titles
- Interfacing with major automated library systems
- Valuable MEDLINE®/EBSCO CD-ROM products available
- Complete Index Medicus™ Price Study conducted annually.

We look forward to seeing you at the MLA Conference in San Francisco. Be sure to stop by the EBSCO Booth. Let us show you what we mean when we say EBSCO is serials service for medical libraries.

EBSCO
SUBSCRIPTION SERVICES

Biomedical Division
International Headquarters
P.O. Box 1943
Birmingham, AL 35201
(205) 991-6600

Booth
#126



THE BEST WAY TO SEARCH THIS STOREHOUSE OF INFORMATION,

IS WITH THIS ONE.



Just as DNA is the information center of the cell, DIALOG is the storehouse of information for the scientific community. DIALOG, a continuously-updated online information service, provides access to an amazing body of accurate, up-to-the-minute, technical, patent,



product, regulatory, and industry information... worldwide!

DIALOG has information on everything from the latest gene-cloning experiment to new diagnostic tests and vaccines, as well as grants, competitor activities and industry trends.

Call today for more information and a free print-out of a sample DIALOG

search. When you see what our storehouse of information can do for you, you'll agree DIALOG is one discovery that's sure to lead to many other important findings.

Call 800-3-DIALOG
(800-334-2564), or Fax 415-858-7069.

DIALOG INFORMATION SERVICES, INC.
A Knight-Ridder Company

Bringing you the world's knowledge.

Adis International (Booth 207)

582 Middletown Blvd., Suite B30, Langhorne,
PA 19047
215/752-4500

Adis publications and services are built on the cornerstones of literature retrieval, evaluation, and dissemination.

- International Journals
- Current Awareness
- Literature Monitoring and Evaluation
- Online Databases

Agency for Health Care Policy and Research (Booth 103)

5600 Fishers Lane, Room 18-12, Rockville, MD 20857
301/443-4100

AHCPR provides free publications on health services research related to the quality, costs, effectiveness and delivery of health care services funded by this Federal agency.

Agency for Toxic Substances and Disease Registry (Booth 194)

U.S. Public Health Service
1600 Clifton Road (E33), Atlanta, GA 30333
404/639-0736

The Agency for Toxic Substances and Disease Registry—a federal agency with the U.S. Public Health Services. On display are various environmental health education materials.

Aids Treatment News (Booth 210)

P.O. Box 411256, San Francisco, CA 94141
415/255-0717

Our exhibit includes free packets of the semi-monthly publication, *AIDS Treatment News*, essential reading for anyone concerned about AIDS. The book, *AIDS Treatment News*, will also be available.

The Altschul Group/Teaching Films, Inc. (Booth 144)

930 Pitner Ave., Evanston, IL 60202
708/328-6700

Teaching Films, Inc., has been a distributor of audiovisual programs for medical teaching and allied health education for more than 25 years.

American Association for Cancer Research (Booth 123)

Public Ledger Building, Suite 816, Sixth & Chestnut
Sts., Philadelphia, PA 19106
215/440-9300

Publications of the American Association for Cancer

Research: CANCER RESEARCH (in its 50th year); CELL GROWTH & DIFFERENTIATION; CANCER EPIDEMIOLOGY, BIOMARKERS & PREVENTION (new 1992).

American Board of Medical Specialties (Booth 175)

One Rotary Center, Suite 805, Evanston, IL 60201
708/491-9091

Established in 1933 to represent the twenty-three approved U.S. medical certifying boards, the ABMS publishes the COMPENDIUM OF CERTIFIED MEDICAL SPECIALISTS, individual specialty directories, and books on physician evaluation and certification.

American Hospital Association Resource Center (Booth 212)

840 N. Lake Shore Dr., Chicago, IL 60611
312/280-6263

The American Hospital Association serves as a national advocate for hospitals and the patients they serve. Selected AHA data products and publications will be displayed.

American Medical Association (Booth 156)

515 N. State St., Chicago, IL 60610
312/464-5310

The American Medical Association, publishers of scientific and socioeconomic information, exhibits the AMA Fellowship and Residency Electronic Interactive Database Access System (AMA/FREIDA) and the new publication catalog.

American Psychiatric Press, Inc. (Booth 125)

1400 K St. NW, Washington DC 20005
202/682-6219

American Psychiatric Press, Inc., publishes professional and trade books in psychiatry.

Aries Systems Corporation (Booth 136)

One Dundee Park, Andover, MA 01810
508/475-7200

Knowledge Finder® is a powerful search-and-retrieval tool for accessing the biomedical literature, designed for use by both novice and experienced searchers. Knowledge Finder® runs on Apple® Macintosh® Computers and IBM® PC and compatibles!

Baker & Taylor Books (Booth 146)

652 E. Main St., Bridgewater, NJ 08807
908/218-3857

Book wholesaler supplying scientific, medical, dental, nursing, public health, technical, and general interest

books through firm order, BASIS, approval program, and continuation services. B&T Link system for electronic ordering, CD-ROM database, and inventory information.

Ballen Booksellers International, Inc.

(Booth 147/148)
125 Ricefield Lane, Hauppauge, NY 11788
800/645-5237

Ballen Booksellers is a full service library book vendor to the academic, research, and medical library market. Our services include firm order fulfillment, continuation/standing orders, and approval plans. We also offer our online database order entry system, Ballen-Net.

BIOSIS (Booth 188)

2100 Arch St., Philadelphia, PA 19103-1399
215/587-2018

BIOSIS®, the world's largest database producer of biological biomedical information will be introducing the Life Science Network. This unique, computerized search system provides access to international research information from more than eighty life science related databases. BIOSIS® is also highlighting Biological Abstracts.

Blackwell North America (Booth 199)

6024 SW Jean Rd., Lake Oswego, OR 97035
800/547-6426

Blackwell's MARC tape processing services include MeSH® authority control for standardizing MeSH® headings in MARC files, based on NLM's MeSH® authority file, and creating MeSH® cross reference files for loading into online catalogs.

British Medical Association (Booth 211)

BMA House, Tavistock Square, London, WC1H 9JR, U.K.

011/44 71 383 6131

The BMJ, Europe's most widely read medical journal, publishes and distributes twenty-three leading clinical and research journals, as well as an ever growing list of practical books for the physician.

BRS Information Technologies (Booth 214)

8000 Westpark Drive, McLean, VA 22102
703/442-0900

BRS Search Service delivers a complete medical library providing popular medical databases such as MEDLINE® and NTIS. BRS OnSite offers you the same databases through local operation of information.

CAB International (Booth 140)

Wallingford, Oxon, OX10 8DE, U.K.
+491 32111

CABI provides worldwide information on human and veterinary medicine, parasitology, and more. CAB Spectrum, a new series of CD-ROMs including VETCD and BEASTCD is featured.

Cambridge Scientific Abstracts/Compact

Cambridge (Booth 119)

7200 Wisconsin Ave., Suite 601, Bethesda, MD 20814
301/961-6700

Compact Cambridge will introduce four new CDs: *PolTox 1* (NLM, CSA, IFIS), *PolTox 2* (Excerpta Medica), *PolTox 3* (CAB), and *Aqualine* on CD-ROM. Other titles include: MEDLINE®, *Nursing and Allied Health (CINAHL)-CD* (new), International Pharmaceutical Abstracts (new), Health: Planning and Administration (new), and three other databases. Two new innovations, the Cumulative Index to MEDLINE® and "online connection" to MEDLARS® via Grateful Med®, will be shown for the first time. Watch for a major announcement about the CD-ROM edition of the *New England Journal of Medicine*. Drop by booth #119 to see a demo and receive a valuable gift.

CD Plus, Inc. (Island D)

333 Seventh Ave., Sixth Floor, New York, NY 10001
212/563-3006

CD Plus will demonstrate the PlusNet 1 and PlusNet 2 networks, which offer all the benefits of the CD Plus software combined with the power and convenience of a LAN; our high performance CD-ROM workstations; and our databases on CD-ROM.

Checkpoint Systems, Inc. (Booth 200)

550 Grove Rd., Thorofare, NJ 08086
609/848-1800

Leading manufacturer and distributor of Electronic Article Surveillance Systems to prevent the unauthorized removal of print and non-print materials.

CIBA Medical Education Division (Booth 127)

14 Henderson Dr., West Caldwell, NJ 07006
201/882-4810

Our exhibit features Dr. Netter's latest work in THE CIBA COLLECTION--MUSCULOSKELETAL SYSTEM, PART II. Copies of CLINICAL SYMPOSIA are available at the exhibit booth.

CINAHL Information Systems (Booth 111)

P.O. Box 871, 1509 Wilson Terr., Glendale, CA 91209-0871

818/409-8005

CINAHL Information Systems, publishers of the Cumulative Index to Nursing & Allied Health Literature (CINAHL), provide access to more than 300 journals in nursing, health sciences librarianship, and thirteen allied health fields. Also available online and on CD-ROM. Booth demonstrations feature CINAHL-CD® on CD PLUS, Compact Cambridge, and SilverPlatter® software.

Clinical Laboratory Management Association
(Booth 222)
195 W. Lancaster Ave., Paoli, PA 19301
215/647-8970

Clinical Laboratory Management Review, a bi-monthly journal, and *Management Briefs*, a monthly newsletter, are the official publications of CLMA. Both provide current managerial and regulatory information.

Conference Book Service (Booth 227)
2700 Prosperity Ave., Fairfax, VA 22031
703/204-0100

A cooperative display of professional books and journals from a number of national and international publishing houses.

Copicard, Inc. (Booth 229)
12900 Valley Branch Lane, Suite 400, Dallas, TX
75234

Copicard System is an access control system for copiers, reader/printers, laser printers, IBM®/PC computers, CD-ROM. Debit mode and credit mode standard.

CRC Press, Inc. (Booth 186)
2000 Corporate Blvd., NW, Boca Raton, FL 33431
407/994-0555
CRC Press, Inc., presents two new exhaustive works: *Bone* (seven volumes), and the encyclopedic *Vision and Visual Dysfunctions*. Also see newest primary and review journals.

Cuadra Associates, Inc. (Booth 193)
11835 W. Olympic Blvd., Suite 855, Los Angeles, CA
90064
213/478-0066

STAR® multi-user text management/information retrieval system, for library automation and "big system" access to collections of all types.

Data-Star (Booth 152)
485 Devon Park Dr., Suite 110, Wayne, PA 19087
215/687-6777

Data-Star is the leading European host of online databases with a primary concentration in biomedicine, pharmaceuticals, and healthcare.

Data Trek, Inc. (Booth 158)
5838 Edison Place, Carlsbad, CA 92008
619/431-8400

Data Trek (DTI) offers full integrated, modular library automation including: circulation, cataloging, serials, acquisitions, OPAC. DTI supports MS-DOS, Macintosh®, DEC VAX platforms. Systems are fast and user friendly.

Dawson Subscription Service (Formerly McGregor) (Booth 203)
2 S. Seminary, Mt. Morris, IL 61054-1496
815/734-4183
A world-wide, full service subscription agency handling all types of libraries, and offering a wide range of computer services such as Online & PC MAX Serials Control System.

DIALOG Information Services, Inc. (Booth 126)
3460 Hillview Ave., Palo Alto, CA 94304
800/3-DIALOG (800/334-2564)

DIALOG®, the world's most comprehensive online service, provides information from world-renowned business publications, news sources, and scientific, technical, and patient literature.

Dual's University Copy Service, Inc.
(Booth 109)
2413 Bond St., University Park, IL 60466
800/762-2736
Preservation Copiers that will not break the bindings of your collections.

Dynix, Inc. (Booth 155)
151 East 1700 South, Provo, UT 84606
801/375-2770
Automated Library Systems

EBSCO Subscription Services (Island C)
P.O. Box 1943, Birmingham, AL 35201
205/991-6600
EBSCO Subscription Services is an international serials management agency providing medical libraries with specialized services and reports as well as order processing and customer service.

Elsevier Science Publishing Co., Inc. (Island B)
655 Avenue of the Americas, New York, NY 10010
212/633-3764

Elsevier Science Publishers/Excerpta Medica, one of the world's leading publishers of books and journals in all areas of science and medicine and a leader in database publishing with Embase, will be at Island B to present its latest publications in medicine along with electronic information products that contain close to 4 million records on biomedical and pharmacological data.

The Faxon Company (Island E)
15 Southwest Park, Westwood, MA 02090
800/766-0039
Faxon is a global information management company linking over 30,000 publishers to 60,000 clients worldwide providing fast, comprehensive, and cost-effective information services.

Gandalf Data, Inc. (Booth 216)
1020 S. Noel Ave., Wheeling, IL 60090
708/541-6060

Gandalf Data, Inc., is a leading provider of computer and communications systems, supplying a broad range of non-proprietary communications solutions to libraries of all sizes.

Georgetown University Library Information System (Booth 122)

3900 Reservoir Rd., NW, Washington, DC 20007
202/687-1134

The Georgetown University™ Library Information System (LIS) is a very affordable integrated library system consisting of multiple components including an online catalog, cataloging, circulation, acquisitions, serials control, a PC backup system, the miniMED-LINE SYSTEM® and ALERTS™ Current Contents®. It creates a master bibliographic record; is LC MARC-based, and has an OCLC interface.

General Research Corporation Library Systems (Booth 204)

5383 Hollister Ave., Santa Barbara, CA 93111
800/236-6788, 805/964-7724, Fax 805/967-7094

Demonstrations of The Information Navigator™, a fully integrated library management system using hypertext retrieval; LaserGuide, a powerful CD-ROM patron access catalog; and LaserQuest, the world's largest CD-ROM cataloging system.

**Gordon and Breach Science Publishers/
Harwood Academic Publishers (Booth 196)**

5301 Tacony St., Box 330, Philadelphia, PA 19137
215/537-7275

In our 30th year of publishing, Gordon and Breach/Harwood has 150 journals and books specializing in biology, neuroscience, immunology, and genetics. New publications include *DNA Sequence*, *The Journal of DNA Sequencing and Mapping*, and *Leukemia & Lymphoma Developmental Immunology*. Sample copies available.

Otto Harrassowitz (Booth 124)

P. O. Box 10, Columbia, MD 21044
Box 2929, 6200 Wiesbaden, Germany
800/348-6886

Subscription Agent and Bookdealer for Academic and Research publications from Europe. Journals, continuation standing orders, monographs/all formats.

Healthcare Information Services, Inc. (Booth 197)

2335 American River Dr., Suite 307, Sacramento, CA 95825
916/648-8075

The BiblioMed® Professional Series is full MEDLINE® on CD-ROM using familiar ELHILL® commands. The highly affordable system uses standard single and multiple disc CD-ROM players.

Hemisphere/Taylor & Francis (Booth 151)
1900 Frost Rd., Suite 101, Bristol, PA 19007-1598
215/785-5800

Publisher of professional and scholarly books and journals in the area of the medical sciences.

Information Access Company (Booth 170)

362 Lakeside Dr., Foster City, CA 94404
800/227-8431

Information Access Company will demonstrate their Health Reference Center. Also available for demonstration will be their Online Health Databases.

Information On Demand, Inc. (Booth 213)

8000 Westpark Drive, McLean, VA 22102
800/999-4463

Information On Demand, Inc. provides the full text of any publicly available material. IOD's Biomedical SpecialList Collection contains over 1000 of the most highly regarded journals.

The Information Store, Inc. (Booth 195)

140 Second St., 3d Fl., San Francisco, CA 94105-3715
415/543-4636

We'd like to meet you in our "Sunny California" booth. Come by and meet some friendly folks and take a chance on winning some great California wine.

Inmagic, Inc. (Booth 228)

Crew-Noble Information Services
323 El Pintado Heights, Danville, CA 94526
415/837-1399

Inmagic software: acquisitions, catalog, serials, circulation, conversions (MARC, DIALOG®, dBase, etc.), fast searching, flexible (unlimited field lengths, repeating fields), no programming, easy to use, local support, free evaluation disk.

Innovative Interfaces, Inc. (Booth 116)

2344 Sixth St., Berkeley, CA 94710
415/644-3600

Automated library systems including public catalog, reference databases, circulation, acquisitions, and serials control.

Institute for Scientific Information (Booth 182)

3501 Market St., Philadelphia, PA 19104
800/336-4474

The Institute for Scientific Information® is the world's leading producer of secondary information to medical, academic, and research communities. International journals, books, and other significant published materials in the sciences, social sciences, and the arts and humanities are available in print and various electronic formats. Our booth at MLA will feature the Science Citation Index® and Social Sciences Citation Index® Compact Disc Editions. Also featured is Current Contents on Diskette®. Stop by to hear all of the news with these and other products for 1991!

International Library Systems, Corp.

(Booth 191)

320-2600 Granville St., Vancouver, BC V6H3V3
604/734-8882

International Library Systems designs, manufactures, markets, and services library and records management software. Our customers include hundreds of Fortune 1000 Corporations, government agencies, medical institutions, law practices, and academic facilities. ILS software is available for use on DEC VAX computers as well as IBM® personal computers.

Alfred Jaeger, Inc. (Booth 150)

66 Austin Blvd., Commack, NY 11725
516/543-1500

Periodical-Back Volumes

Come by our booth to discuss various aspects of your retrospective needs with us. Our new catalog and other informative literature displayed.

Keyboard Publishing Inc. (Booth 206)

801 E. Germantown Pike, Suite B-5, Norristown, PA 19401

215/275-2729

Keyboard Publishing will demonstrate interactive Macintosh® software, including the Keyboard Pathology Series, featuring 1400 pathology images on videodisc, 2500 multiple choice questions, and a complete textbook of pathology.

J. B. Lippincott Company (Booth 143)

East Washington Square, Philadelphia, PA 19105
215/238-4408

J. B. Lippincott is a leading publisher of information for the healthcare community. The information is delivered through a wide variety of media—books, journals, looseleaf publications, videos, CD-ROM, and software programs. New medical and nursing texts and references will be shown, as well as nursing AV and software and Lippincott's ONCODISC®, the cancer information service.

Little, Brown and Company (Booth 187)

34 Beacon St., Boston, MA 02108
617/859-5543

Little, Brown and Company publishes medical books and journals, and will also be demonstrating MAXX, its electronic library of medicine on compact disc.

Login Brothers Book Company (Booth 105/106)

1436 W. Randolph St., Chicago, IL 60607-1414
312/733-6424

Login Brothers—Your one-stop source for health sciences books and consumer health. Customized services for libraries of all sizes. See the difference Login service makes!

Majors Scientific Books & Subscriptions

(Booth 114/115)

1851 Diplomat, Dallas, TX 75234
214/247-2929

Health science book and subscription services since 1909. Friendly, knowledgeable, responsive personnel and creative system enhancements insure excellent service in this specialized market.

Marcel Dekker, Inc. (Booth 108)

270 Madison Ave., New York, NY 10016
212/696-9000

Marcel Dekker, Inc., will be displaying books and journals covering the latest research in all areas of medicine and the pharmaceutical sciences.

Marcive, Inc. (Booth 121)

P.O. Box 47508, San Antonio, TX 78265-7508
800/531-7678

Cataloging services and products to include: MARCIVE/PAC, microcomputer-based public access catalog, Retrospective & Ongoing conversion, Catalog Cards, the Cataloging Input system software.

Marquis Who's Who/MacMillan Directory Division (Booth 160)

3002 Glenview Rd., Wilmette, IL 60091
708/441-2378

The *Directory of Medical Specialists*, published by Marquis Who's Who, is the most accurate and comprehensive source for professional information on board-certified physicians.

Maxwell Electronic Publishing (Booth 221)

124 Mt. Auburn St., Suite 324S, Cambridge, MA 02138

617/661-2955

MEP will be demonstrating new Medical Journals on Disc including the *New England Journal of Medicine* and *The Lancet*, each offering full text of articles from 1986 to 1990.

Matthews Medical and Scientific Books, Inc. (Booth 117)

11559 Rock Island Ct., Maryland Heights, MO 63043
800/MED-BOOK

Matthews Medical Books, Inc., was founded in 1889. We offer custom designed approval plans, standing orders Online Services and much more.

Medical Data Exchange (Booth 198)

445 S. San Antonio Rd., Los Altos, CA 94022
415/941-3600

MDX Health Digest is a database of health abstracts for the consumer with summaries from magazines, newsletters, newspapers, and medical journals.

Micromedex, Inc. (Booth 145)
600 Grant St., Denver, CO 80203
303/831-1400

Clinical information systems regarding toxicology, drug therapy, emergency medicine, and patient instructions. Available on CD-ROM for use with personal computers, computer tapes for mainframes, and microfiche.

MLA/Association Publishers (Booth 208)
Scarecrow Press, Inc., 52 Liberty St., P.O. Box 4167,
Metuchen, NJ 08840
908/548-8600; 800/537-7107

Association Publishers, a division of Scarecrow Press, specializes in publishing monographs and reference books for professional and scholarly organizations, including the Medical Library Association.

Mohawk MidLand Manufacturing (Booth 141)
7733 Gross Point Rd., Skokie, IL 60077
708/677-0333

Library furniture: select from functional and flexible designs for carrels, cables, workstations, and more. With computer planning, we can help you maximize your library space.

Mosby-Year Book, Inc. (Booth 131)
11830 Westline Ind. Dr., St. Louis, MO 63146
800/325-4177

Mosby-Year Book, Inc., offering an extensive line of quality texts and references for almost ninety years. We are "dedicated to publishing excellence" to provide you with essential information that reaches every member of the health care community.

National Heart, Lung, and Blood Institute (Booth 205)
9000 Rockville Pike, Bldg. 31, Room 4A21, Bethesda,
MD 20892
301/496-4236

The National Heart, Lung, and Blood Institute (NHLBI) coordinates four major cardiovascular education programs: the National High Blood Pressure Education Program, the National Cholesterol Education Program, the NHLBI Smoking Education Program, and the National Heart Attack Alert Program. In addition, the NHLBI coordinates the National Asthma Education Program, as well as the National Blood Resource Education Program.

National Institute on Alcohol Abuse and Alcoholism (Booth 209)
c/o CSR Inc., 1400 Eye St., NW, Suite 600,
Washington, DC 20005
202/842-7600

The National Institute on Alcohol Abuse and Alcoholism conducts basic and clinical research on the causes, consequences, treatment, and prevention of alcohol abuse and alcoholism. Representatives will demonstrate the Alcohol and Alcohol Problems Science

Database (ETOH), the largest and most comprehensive database of research in the alcohol field.

National Library of Medicine (Island F)
MEDLARS® Management Section, 8600
Rockville Pike, Bethesda, MD 20894
301/402-1076

Visit Island F and look at the first experimental edition of the Unified Medical Language System (UMLS) Metathesaurus. See Loansome Doc demonstrations and get answers to your questions about this Grateful Med® feature. Be sure to pick up the new Grateful Med® Mac® demo disk for Version 1.5 and become knowledgeable about the changes to both the Mac® and IBM® versions of Grateful Med®.

Network for Continuing Medical Education (Booth 112)
One Harmon Plaza, Secaucus, New Jersey 07094
201/867-3550

NCME produces medical education videocassettes biweekly for hospital medical libraries. Programs are available by subscription and are eligible for AMA and AAFP credit.

Niles & Associates, Inc. (Booth 107)
2000 Hearst St., Berkeley, CA 94709
415/649-8176

Niles & Associates will present its line of bibliographic software for the IBM® PC and the Macintosh®. EndNote, EndNote Plus, and EndLink.

1992 National Program Committee (Booth 217/218)

Come see what's happening in Washington, DC, in '92. Visit with the committee and enter your name to win one of the fabulous prizes the committee will be raffling during exhibit hours.

Online Computer Library Center, Inc. (Booth 101)
6565 Frantz Rd., Dublin, OH 43017
614/764-6000

OCLC is a nonprofit, membership organization that provides automation options to libraries. Our computer-based products and services speed and simplify many labor-intensive tasks, such as cataloging, reference services, and interlibrary loans.

PaperChase (Booth 173/174)
Longwood Galleria, 350 Longwood Ave., Boston,
MA 02115
800/722-2075

Every health care institution's searching needs are different. Drop by our booth and let us design a MEDLINE® searching program to meet your end-users' unique searching needs. Plus, see what's new at PaperChase!

Pergamon Press, Inc. (Booth 104)

Maxwell House, Fairview Park, Elmsford, NY 10523
914/345-6440

Prominently featured this year are Goodman & Gilman's *The Pharmacological Basis of Therapeutics, 8th Edition*, and Amdur's *Cassarett & Doull's Toxicology, 4th Edition*, and a wealth of new and classic titles. Also featured are the best of scientific and medical journals including *CANCER COMMUNICATIONS* and many others.

Personal Bibliographic Software, Inc.

(Booth 181)

525 Avis Dr., Suite 10, Ann Arbor, MI 48108
313/996-1580

Computer software for downloading, reformatting, and managing bibliographic data. Products include Pro-Cite, Pro-Search, and Biblio-Links—for IBM® PC, Macintosh®, and Unix machines.

Physicians' Desk Reference (Booth 185)

680 Kinderkamack, Oradell, NJ 07649
201/599-8224

Physicians' Desk Reference, the country's foremost drug reference, will be displayed on CD-ROM. The PDR for Nonprescription Drugs, PDR's Drug Interaction and Side Effect Index, PDR's Indication Index, and PDR for Ophthalmology are also available on the same disc. An optimal upgrade includes the Mock Manual.

Princeton Microfilm Corporation (Booth 159)

P.O. Box 2073, Alexander Rd., Princeton, NJ 08543
609/452-2066

Princeton Microfilm Corporation is a Library Service Company supplying Microform editions of scholarly research journals.

Professional Software (Booth 113)

21 Forest Ave., Glen Ridge, NJ 07028
201/748-7658

Top-quality software at reasonable prices, including online catalog, circulation, serial control, and acquisitions.

PsycINFO/American Psychological Association (Booth 142)

1400 N. Uhle St., Arlington, VA 22201
800/336-4980

See the 1991 *Thesaurus of Psychological Index Terms*, the new PsycLIT® (CD-ROM) instructional videotape, new search features on PsycLIT®, and online PsycINFO® enhancements.

The Publishers Book Exhibit (Booth 169)

86 Millwood Rd., Millwood, NY 10546
914/762-2422

The Publishers Book Exhibit is a combined exhibit of books, journals, and audio/video tapes from a variety of publishers.

Radiological Society of North America

(Booth 184)

2021 Spring Rd., Suite 600, Oak Brook, IL 60521
708/571-2670

The Radiological Society of North America (RSNA) is a professional association dedicated to the provision of continuing medical education to radiologists, medical physicists, and allied scientists. Among the programs and activities of the RSNA are the publication of *Radiology*, the official monthly journal of the Society and the top journal in the field of radiology, with a circulation of 35,000; *Radiograph*, the bimonthly pictorial journal of radiology; and *RSNA Today Video*, the bimonthly journal of imaging science and technology on videocassette. RSNA also produces audiovisual materials for home study and assists two other radiologic societies in the publication of their journals, *Journal of Vascular and Interventional Radiology (JVIR)* and *Journal of Magnetic Resonance Imaging (JMRI)*.

Readex Microprint (Booth 157)

58 Pine St., New Canaan, CT 06840
203/966-1100

Readex provides full-text coverage on microfiche of the medical documents indexed by MEDOC. Cumulated quarterly and annually. The MEDOC index provides access to medically related government materials six months to a year before they appear in the GPO catalog.

Readmore, Inc. (Island A)

22 Cortlandt St., New York, NY 10007
212/349-5540

Readmore, Inc., provides foreign and domestic periodical services to libraries worldwide. They offer various computer-based software products for library automation and serials control.

Research Information Systems, Inc. (Booth 189)

2355 Camino Vida Roble, Carlsbad, CA 92009
619/438-5526

The leader in scientific information management, RIS develops software, including the foremost current awareness service, Reference Update and Abstract Express; a powerful bibliographic management system, Reference Manager; and a grant management system, Grant Accountant.

Research Publications, Inc. (Booth 110)

12 Lunar Dr., Drawer AB, Woodbridge, CT 06525
800/444-0799

Research Publications, Inc., is a leading international publisher of rare books, manuscripts, journals, newspapers, reference books, patents in microform, and CD-ROM.

Rittenhouse Book Distributors, Inc. (Booth 176)
511 Feheley Dr., King of Prussia, PA 19406
215/277-1414

Learn more about the company that has all the keys for you. Find out about these Rittenhouse features: Series Management, Marketing Support, Statistical and Forecasting Reports, as well as Approval Plans and New Title Notification Programs.

W. B. Saunders Company (Booth 190)
The Curtis Center, Independence Square West,
Philadelphia, PA 19106-3399
215/238-8404

W. B. Saunders Company is pleased to present its latest editions of several classic references including: Henry: CLINICAL DIAGNOSIS AND MANAGEMENT BY LABORATORY METHODS, 18/E; Sabiston: TEXTBOOK OF SURGERY, 14/E; Sloane: THE MEDICAL WORD BOOK, 3/E; and Tessier: THE SURGICAL WORD BOOK, 2/E.

SCIENTIFIC AMERICAN *Medicine* (Booth 172)

415 Madison Ave., New York, NY 10017
800/545-0554

Visit our display of the latest services designed to keep your library current—SCIENTIFIC AMERICAN *Medicine*, Consult™, *Care of the Surgical Patient*, and Discotest®.

Scientific, Medical Publications of France Inc. (Booth 201)

100 E. 42nd St., #1002, New York, NY 10017
212/983-6278

We are the Association of French Publishers in the USA for Sciences and Medicine. Books and journals in French and in English.

Scholarly Publications (Booth 223)

2825 Wilcrest Dr., Suite 255, Houston, TX 77042
713/781-0070 Fax 713/781-2112

Scholarly Publications is a subscription agent, book wholeseller, back-volume dealer, a CD-ROM and computer data base distributor. We have offices worldwide and consider our company a "one stop shop" for all important library needs.

SilverPlatter Information, Inc. (Island G and Booth 178)

One Newton Executive Park, Newton Lower Falls,
MA 02162
617/969-2332

SilverPlatter® is proudly demonstrating its Medical Reference Center in Island G and Booth #178. This advanced center incorporates the needs of all those in the medical community, from the small library with one workstation and one CD drive to the large library with multiple CDs loaded on a wide area network with thirty-five simultaneous users at various remote sites around town. SilverPlatter's® network packages

don't require fancy hardware and they don't require that you run only SilverPlatter® products. SilverPlatter's® MultiPlatter network allows you to run any CD that conforms to ISO Standards.

In addition to the booth, those interested are encouraged to attend The SilverPlatter User Group Meeting, Monday, June 3, from 8:00-10:00 A.M., and the SilverPlatter Lunch 'n' Learn Session Tuesday, June 4, from NOON-12:45 P.M. Both sessions will cover SilverPlatter's® latest version of search and retrieval software, as well as plans for the future. Stop by the booth for further information and a free demonstration.

Springer-Verlag New York, Inc. (Booth 149)
175 Fifth Avenue, New York, NY 10010

800-Springer

Springer-Verlag is an internationally renowned publisher of scientific and medical publications. The extensive book list includes titles in over eighty medical specialties. Over 300 journal titles, 150 of which deal specifically with medicine are published by Springer-Verlag—a leader in the dissemination of scientific knowledge.

USDA Rural Information Center & USDA Animal Welfare Information Center (Booth 171)
National Agricultural Library, 10301 Baltimore Ave.,
Beltsville, MD 20705

301/344-4372; 301/344-3212

The Rural Information Center Health Service (RICHS) is a new information service designed to collect and disseminate information on rural health issues. The Animal Welfare Information Center is mandated under the 1985 Animal Welfare Act and provides information on topics such as laboratory animal care and use, training of facility personnel, and animal welfare legislation.

U.S. Pharmacopeial Convention, Inc. (Booth 183)

12601 Twinbrook Parkway, Rockville, MD 20852
800/227-8772

USP, the national drug standards setting organization, publishes clinical, drug-use information, and drug standards information vital to health care professionals and their patients.

VCH Publishers, Inc. (Booth 102)

220 East 23rd St., Suite 909, New York, NY 10010
212/683-8333

VCH Publishers, formerly Verlag Chemie, will be exhibiting a wide range of new titles in medicine, as well as a distinguished selection of journals.

John Wiley & Sons (Booth 153)

605 3d Ave., New York, NY 10158
212/850-6000

A fine selection of professional, reference, and college textbooks of interest to those in the fields of medicine.

Williams & Wilkins (Booth 202)
428 E. Preston St., Baltimore, MD 21202
301/528-4000

A leading publisher for more than 100 years, Williams & Wilkins specializes in medical and scientific books, journals, reference materials, and electronic media products.

XCP, Inc. (Booth 154)
1990 N. California Blvd., Walnut Creek, CA 94596
415/937-0826

Access Debit/Credit Controls for copiers, laser-printers, computers, fax, CD-ROM—coin boxes, all one campus card.

New Medical Titles from Pergamon Press

Goodman and Gilman's THE PHARMACOLOGICAL BASIS OF THERAPEUTICS, Eighth Edition

Alfred Goodman Gilman, MD, PhD University of Texas Southwestern Medical Center at Dallas

Theodore W. Rall, PhD, University of Virginia School of Medicine, Charlottesville

Alan S. Nies, MD, University of Colorado School of Medicine, Denver

Palmer Taylor, PhD, University of California, San Diego

"In sum, clinicians and biomedical scientists should join in toasting a most valued volume on its 50th anniversary...will be invaluable to all those who work with drugs."

— *New England Journal of Medicine*

"This eighth edition, which marks its fiftieth anniversary, provides the same organization, clarity and authority that again sets the gold standard...a volume of immense value."

— *TIPS*

1990 0-08-040296-8 1830 pp US\$ 89.50

CASARETT AND DOULL'S TOXICOLOGY The Basic Science of Poisons, Fourth Edition

Edited by Mary O. Amdur, PhD, Institute of Environmental Medicine, NYU

Medical Center, Tuxedo, NY; John Doull, MD, PhD, University of Kansas

Medical Center, Kansas City, KS; Curtis D. Klaassen, PhD, University of Kansas Medical Center, Kansas City, KS

This classic reference provides students and professionals with the most comprehensive guide to modern toxicology available. To provide the most up-to-date information, new chapter authors and new contributors have been added. A new chapter in Unit V, Risk Assessment, has also been included.

April 1991 ISBN: 0-08-040291-7 1074 pp. US\$ 62.50

Stop by our booth at the MLA — #104

New!

REPLACEMENT CARDIAC VALVES

Edited by: E. Bodnar & R.W.M. Frater

Provides a concise, state-of-the-art reference for cardiac and thoracic surgeons. Chapters cover all types and aspects of biological and artificial replacement valves.

April 1991 0-08-035773-3 480 pp. \$76.00

New Journals

NEUROMUSCULAR DISORDERS

This international, multidisciplinary journal will cover all aspects of the neuromuscular disorders in childhood and adult life (including the muscular dystrophies, spinal muscular atrophies, hereditary neuropathies, congenital myopathies, myasthenias, myotonic syndromes, metabolic myopathies and inflammatory myopathies).

1991: Volume 1 (6 issues per annum) ISSN: 0960-8966

JOURNAL OF VESTIBULAR RESEARCH: EQUILIBRIUM AND ORIENTATION

1991: Volume 1 (4 issues per annum) ISSN: 0957-4271

To order books contact: Pergamon Press Order Department, 100 Front Street, Box 500, Riverside, NJ 08075-7500, or call toll-free 1-800-257-5755

To place journal subscriptions, or to request a free sample copy contact:

Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523



PERGAMON PRESS, INC.

Member of Maxwell Macmillan Pergamon Publishing Corporation

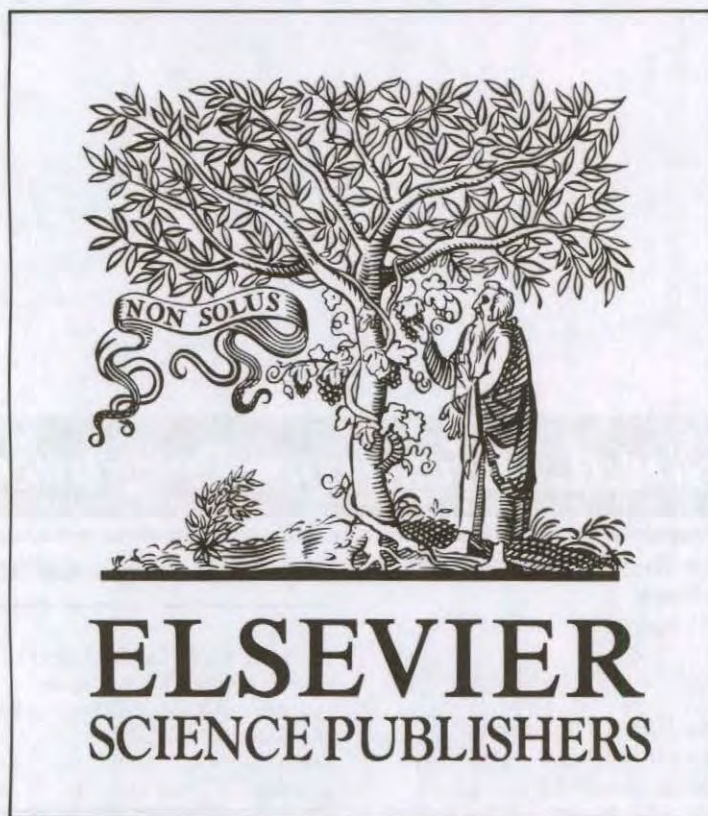
ELSEVIER.

Rooted In A Strong History of Science Publishing.
Branching Out Toward
An Even Stronger Future.

Our roots go back to the time of Galileo and Newton.

These roots have continued to grow, helping us to serve the information needs of the scientific community throughout the twentieth century.

Since 1620, the Elsevier logo has stood for quality, reliability, and diversity in science publishing.



It still does. We now publish over 600 scientific periodicals and nearly 1,000 books a year.

Our abstracting and indexing database is the largest in biomedicine.

And we are still branching out. Elsevier is on the leading edge of research into the electronic dissemination of information in virtually every area of the physical, life and applied sciences.

What it means to you is that we will always stand ready to serve your science information needs.

And whenever you need to get to the root of the matter, you will always be able to turn with confidence to The Science Publisher: Elsevier.

Elsevier Science Publishing Company, Inc.

655 Avenue of the Americas New York, NY 10010 (212) 989-5800

VISIT US AT
ISLAND "B"

PUTTING IT ALL TOGETHER WITH CD PLUS



Building a search system is like solving a jigsaw puzzle. You have to find *just the right pieces* and all the pieces have to *fit just right*. At CD Plus, we have the perfect solutions for puzzles of all sizes.

We have sophisticated search software and comprehensive CD-ROM databases. Powerful single-user systems and state-of-the-art networks. High-speed CD drives and easy-to-use dial-up

access units. Everything you need to build a simple system for end-users... a powerful workstation for professional searchers... a campus-wide network for everyone!

So if you're looking for just the right search system for your needs, let CD Plus put it all together...and see how easily all the pieces fall into place.



333 Seventh Avenue . New York . NY . 10001
(212) 563-3006 . Fax (212) 563-3784

Come see us in
Island D

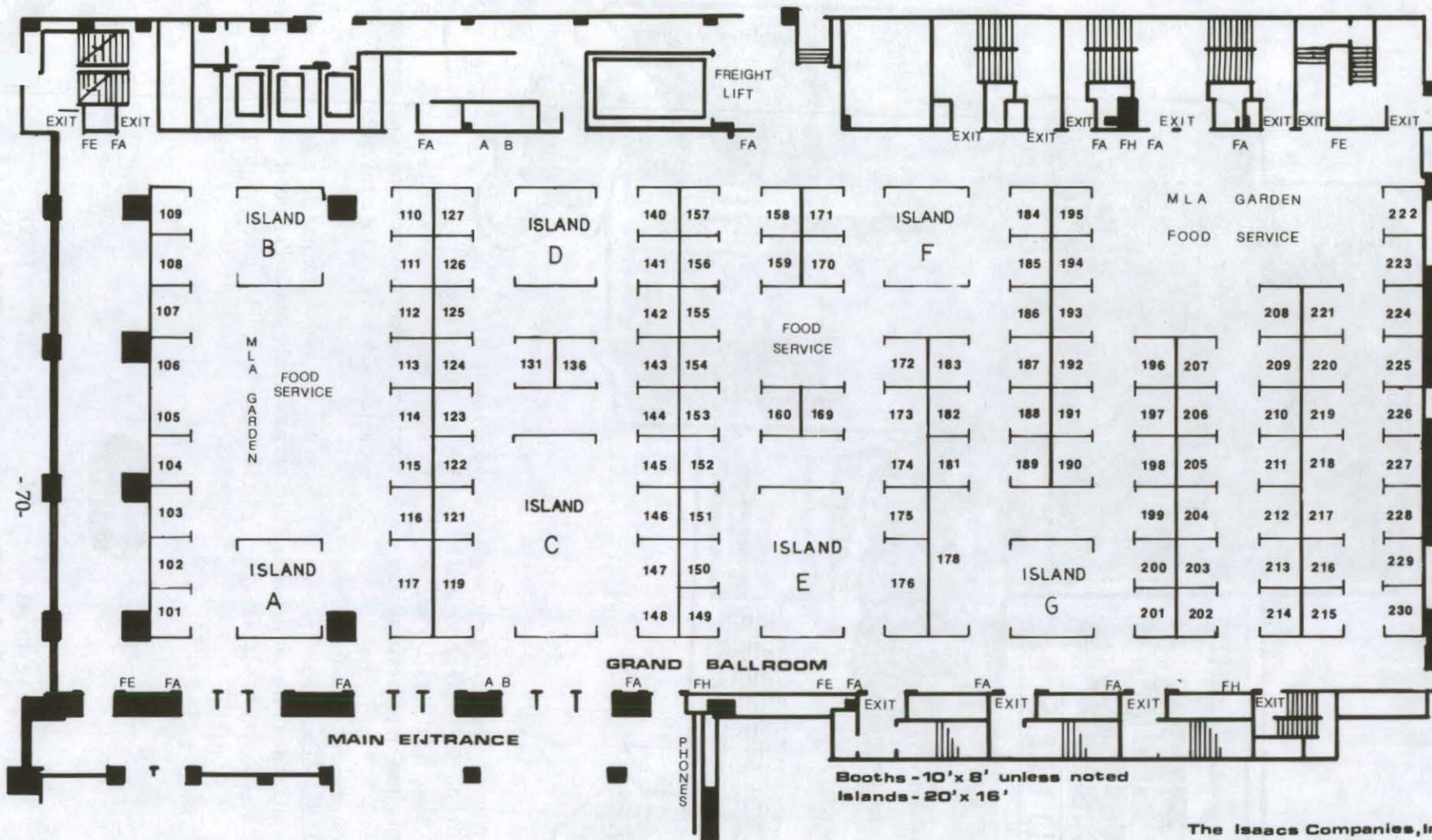


EXHIBIT HALL MAP

MEDICAL LIBRARY ASSOCIATION

JUNE 2-5, 1991

SAN FRANCISCO HILTON

The Isaacs Companies, Inc.
Harris, N.Y. 12742
914-794-0620

APRIL 30, 1991
(Signature)

1991 EXHIBITORS

COMPANY NAME	BOOTH(S)	COMPANY NAME	BOOTH(S)
Adis International, Inc.	207	I-Med Information Services	230
Agency for Health Care Policy & Research	103	Information Access Company	170
Agency for Toxic Substances and Disease Registry	194	Information on Demand, Inc.	213
AIDS Treatment News	210	The Information Store	195
Altschul Group Corporation/ Teaching Films, Inc.	144	Inmagic, Inc.	228
American Association for Cancer Research	123	Innovative Interfaces, Inc.	116
American Board of Medical Specialties	175	Institute for Scientific Information	182
American Hospital Association Resource Center	212	International Library Systems, Corp.	191
American Medical Association	156	Alfred Jaeger, Inc.	150
American Psychiatric Press, Inc.	125	Keyboard Publishing, Inc.	206
Aries Systems Corporation	136	J. B. Lippincott Company	143
Baker & Taylor Books	146	Little, Brown and Company	187
Ballen Booksellers International, Inc.	147/148	Login Brothers Book Company	105/106
BIOSIS	188	Majors Scientific Books & Subscriptions	114/115
Blackwell North America	199	Marcel Dekker, Inc.	108
British Medical Association	211	Marcive, Inc.	121
BRS Information Technologies	214	Marquis Who's Who/Macmillan Directory Division	160
CAB International	140	Matthews Medical & Scientific Books, Inc.	117
Cambridge Scientific Abstracts/Compact Cambridge	119	Maxwell Electronic Publishing	221
Camdat Corporation	224	Medical Data Exchange	198
CD Plus, Inc.	Island D	Micromedex, Inc.	145
Checkpoint Systems, Inc.	200	MLA/Association Publishers	208
CIBA Medical Education Division	127	Mohawk Midland Manufacturing	141
CINAHL Information Systems	111	Mosby-Year Book, Inc.	131
Clinical Laboratory Management Association	222	National Heart, Lung, and Blood Institute	205
Conference Book Service	227	National Institute on Alcohol Abuse and Alcoholism	209
Copicard, Inc.	229	National Library of Medicine	Island F
CRC Press, Inc.	186	Network for Continuing Medical Education	112
Crew-Noble Information Services	228	Niles & Associates	107
Cuadra Associates, Inc.	193	1992 National Program Committee	217/218
Data-Star	152	OCLC Online Computer Library Center, Inc.	101
Data Trek, Inc.	158	PaperChase	173/174
Dawson Subscription Service	203	Pergamon Press, Inc.	104
DIALOG Information Services, Inc.	126	Personal Bibliographic Software, Inc.	181
Dual's University Copy Service, Inc.	109	Physicians' Desk Reference	185
Dynix, Inc.	155	Princeton Microfilm Corporation	159
EBSCO Subscription Services	Island C	Professional Software	113
Elsevier Science Publishing Co., Inc.	Island B	PsycINFO/American Psychological Association	142
The Faxon Company, Inc.	Island E	The Publishers Book Exhibit	169
Forensic Drug Advisor, Inc.	225	Radiological Society of North America	184
Gandalf Data, Inc.	216	Readex Microprint	157
General Research Corporation Library Systems	204	Readmore, Inc.	Island A
Georgetown University Library Information System	122	Research Information Systems, Inc.	189
Gordon and Breach Science Publishers/ Harwood Academic Publishers	196	Research Publications, Inc.	110
Otto Harrassowitz	124	Rittenhouse Book Distributors	176
Healthcare Information Services, Inc.	197	W. B. Saunders Company	190
Hemisphere/Taylor & Francis	151	Scholarly Publications	223
		SCIENTIFIC AMERICAN <i>Medicine</i>	172

COMPANY NAME	BOOTH(S)
Scientific, Medical Publications of France, Inc.	201
SilverPlatter Information, Inc.	Island G/178
Springer-Verlag New York, Inc.	149
USDA Rural Information Center & USDA Animal Welfare Information Center	171
U.S. Pharmacopeial Convention, Inc.	183
VCH Publishers, Inc.	102
John Wiley & Sons	153
Williams & Wilkins	202
XCP, Inc.	154

Academy of Health Information Professionals

- A peer-reviewed program of professional education and achievements.
- Four levels of membership: Associate, Member, Senior, and Distinguished.
- Recognition by the health care community as a certified medical librarian.

Your career path and professional development plans are unique. You have specific areas of interest and involvement in the medical information field. As a member of the Academy of Health Information Professionals, you will receive the recognition you deserve for your professional achievements, while having the flexibility to choose career advancement activities that fit your personal style and professional needs.

The Academy recognizes conference attendance as a professional activity. You can receive one contact hour for each day of meeting attendance, up to three per year. In addition, all of the continuing education opportunities offered at the 1991 MLA Annual Meeting have been approved for Academy credit.

For further information, visit the Academy booth in the registration area or contact the Medical Library Association, Suite 300, Six North Michigan Avenue, Chicago, IL 60602; 312/419-9094.

If you are an MLA institutional member, take advantage of this free subscription to BookQuest™ and SerialsQuest™, the only online computer databases that electronically **link seekers and vendors** of rare or hard-to-find books and missing serials. Whether you are **searching or want to sell** or trade materials, BookQuest and SerialsQuest can help – quickly, easily, and economically. Assemble your listings offline, pay only for the time it takes to upload, then let BookQuest and SerialsQuest

“PARADISE LOST”? FIND IT, OVERNIGHT.

look for matches every night. When a match is found, you'll be automatically notified and charged a small transaction fee. Thanks

to The Faxon Company, the rest is free. As part of our 110th Anniversary Celebration,

faxon is waiving the annual subscription fee for our clients during 1991. To learn more about this **special offer**, contact your Faxon, Turner or Faxon Canada Sales Representative.

Stop by our booth to see a demonstration of the MLA Exchange online, or call BookQuest and SerialsQuest directly at **1-800-627-2216**, and learn how you can discover Robinson Crusoe before Friday.



BookQUEST SerialsQUEST

Where want lists meet their match every night

**The 1990-91 ABMS
COMPENDIUM OF CERTIFIED
MEDICAL SPECIALISTS**

is now available in the new,
updated third edition
with

- THOUSANDS of listings of NEW specialists and **subspecialists**
 - NEW **Statistical tables** on certified medical specialists
- Descriptions of **individual Board requirements** for certification

Published by the
American Board of Medical Specialties
for the 23 approved U.S.
medical specialty certifying boards

If you haven't seen it yet,
stop by the ABMS booth at
the MLA Annual Meeting to
see it and other publications.
While there, be sure to
register to win a **FREE set**
for your library.

Or, contact the ABMS for
further information:
One Rotary Center, #805
Evanston, IL 60201
(708) 491-9091
FAX: (708) 328-3596

BOOTH 175 BOOTH 175 BOOTH 175

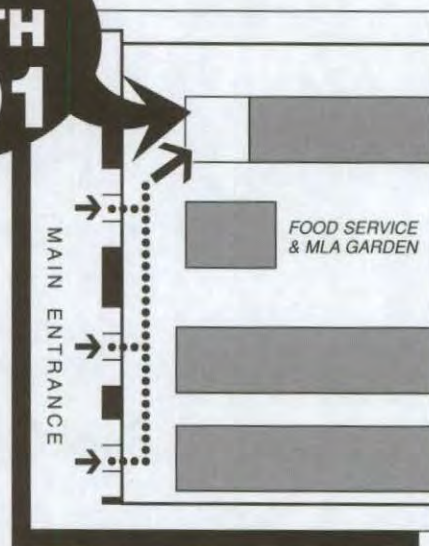
Make OCLC your first stop at the MLA Conference!

We've made it easy! Visit us at
booth #101 right inside the
entrance. Discover why OCLC
is the natural resource for all
your medical information needs.
We'll be demonstrating the benefits of
OCLC's Resource Sharing services and the
EPIC service, our online reference system.



800-848-5878 (U.S.) 800-848-8286 (Ohio) 800-533-8201 (Canada)

**OCLC
BOOTH
#101**



INDEX TO ADVERTISERS

Academy of Health Information Professionals	72
Adis International	75
American Association for Cancer Research	8
American Board of Medical Specialties	74
American Hospital Association Resource Center	15
Aries Systems Corporation	54
Ballen Booksellers, International, Inc.	5
Cambridge Scientific Abstracts/Compact Cambridge	2nd Cover
CD Plus, Inc.	69
CINAHL Information Systems	3rd Cover
Cuadra Associates, Inc.	4
Data Trek, Inc.	20
DIALOG Information Services, Inc.	58
EBSCO Subscription Services	57
Elsevier Science Publishing Co., Inc.	68, 86
The Faxon Company	50, 73
Georgetown University Library Information System	57
Gordon and Breach Science Publishers/Harwood Academic Publishers	53
Healthcare Information Services, Inc.	130
Information Access Company	78
Marcel Dekker, Inc.	6
MLA/Association Publishers, Inc.	18
MLA Corporate Support	2
MLA Current Catalog Proof Sheets	84
MLA Information Network	85
1992 Annual Meeting	3
Online Computer Library Center (OCLC), Inc.	74
Pergamon Press, Inc.	67
Readmore, Inc.	17
Rittenhouse Book Distributors, Inc.	4th Cover
SCIENTIFIC AMERICAN <i>Medicine</i>	48
SilverPlatter Information, Inc.	iii
Springer-Verlag New York, Inc.	v
VCH Publishers, Inc.	19

Meet the leader in clinical drug information on Booth 207 ...

... information that is selected, evaluated and disseminated as drug knowledge through leading publications such as *Drugs*. Here is a unique opportunity to discuss and assess first hand the prestigious range of Adis International publications and services.

International Review Journals

Drugs, Clinical Pharmacokinetics, Drug Safety, Drug Investigation, Drugs & Aging, Sports Medicine.

Weekly Newsletters

Inpharma for rapid global drug intelligence. *Reactions* for comprehensive ADR news.

Literature Monitoring and Evaluation Service

Evaluated product and competitor intelligence by therapeutic area.

Online Databases

DrugNews Daily, the world's first daily updated clinical news service. Contains full text of *Inpharma* and *Reactions*. *LMS Alerts OnLine...* in depth evaluation of key papers. Both services are available on BRS and Data-Star.

See Adis International on Booth 207. FREE sample copies and ONLINE demonstrations.

For more information contact our Client Services
Manager by phone -[215] 752 4500 or fax [215] 752 4541

adis
INTERNATIONAL

"FAST BREAK" SHARING SESSION FACILITATORS

Virginia Algermissen
The University of Alabama at Birmingham

Joan Ash
Oregon Health Sciences University

Shelley Bader
The George Washington University

Tom Basler
Medical University of South Carolina

Jackie Bastille
Massachusetts General Hospital

Jo Ann Bell
East Carolina University

Jo Anne Boorkman
University of California, Davis

Jim Bothmer
University of Nebraska Medical Center

Virginia Bowden
University of Texas Health Science Center
San Antonio

Al Brandon
Medical Library Consultant

Karen Brewer
New York University Medical Center

Naomi Broering
Georgetown University Medical Center

Holly Buchanan
Louisville, KY

Alison Bunting
University of California, Los Angeles

Gary Byrd
University of North Carolina, Chapel Hill

Damon Camille
Houston Academy of Medicine-Texas Medical Center
Library

Ana Cleveland
University of North Texas

Bill Clintworth
University of Southern California

Lois Ann Colaianni
National Library of Medicine

Patti Corbett
BRS/Maxwell Online

Pat Craig
Louisiana State University Medical Center

Jackie Doyle
Good Samaritan Medical Center

Rosalind Dudden
National Jewish Center for
Immunology & Respiratory Medicine

Liz Eaton
Tufts Health Sciences Library

Craig Elam
Texas College of Osteopathic Medicine

Jon Eldredge
University of New Mexico Medical Center Library

Nancy Fazzone
Salem Hospital Health Sciences Library

Susan Feinglos
Duke Medical Center Library

Ruth Fenske
University of Illinois at Chicago

Dorothy Fitzgerald
McMaster University Health Sciences Library

Rick Forsman
University of Colorado Health Sciences Center

Sherrilynn Fuller
University of Washington Health Sciences Library

Mark Funk
Cornell University Medical College

Lelde Gilman
University of California, Los Angeles

Nelson Gilman
University of Southern California

Jeanne Gittings
United Medical Center

Vicki Glasgow
University of Minnesota Biomedical Library

Cynthia Goldstein
Tulane School of Medicine

Karen J. Graves
Chicago, IL

Karen Hackleman
University of Illinois at Chicago

Maxine Hanke
National Institutes of Health Library

Gale Hannigan
Texas A & M University Medical Sciences Library

Mary Helms
Washington University School of Medicine

Dorothy Hill
Mount Sinai Medical Center

T. Mark Hodges
Vanderbilt University Medical Center

Judith Hodges
Tennessee Hospital Association

Geneva Holliday
Columbia University Health Sciences Library

Mary Horres
University of California, San Diego

Barbara Jenkins
University of California, Irvine

Carol Jenkins
University of North Carolina, Chapel Hill

Brett Kirkpatrick
University of Texas Medical Branch at Galveston

Julie Kwan
University of Southern California

Regina Lee
University of Texas Southwestern Medical Center

Nancy Lorenzi
University of Cincinnati Medical Center

Richard Lyders
Houston Academy of Medicine-Texas Medical Center
Library

Bill Maina
University of Texas Southwestern Medical Center

Elaine Martin
University of Washington Health Sciences Library

Judy Messerle
Harvard Medical Library

Janet Minnerath
University of Oklahoma Health Sciences Center,
Tulsa

Phyllis Mirsky
University of California, San Diego

Mary Moore
Texas Tech University Health Science Center

Lynn Kasner Morgan
Mount Sinai Medical Center

Audrey Powderly Newcomer
University of Nebraska Medical Center

Sandy Parker
Swedish Medical Center

Anne Pascarelli
Massachusetts College of Pharmacy & Allied Health
Sciences

Scott Plutchak
St. Louis University Medical Center Library

Carolyn Anne Reid
Cornell University Medical College

Anne Robichaux
Medical University of South Carolina

Terry Ryan
University of California, Los Angeles

Mary Ryan
US FDA Medical Library

Laurie Thompson
George Washington University

Ada Seltzer
University of Mississippi Medical Center

Michelle Volesko
Health Research & Educational Trust of New Jersey
Corporate Information Center

Linda Watson
University of Virginia Health Sciences Center

Freida Weise
University of Illinois at Chicago

Nancy Woelfl
University of Nebraska Medical Center

Sandra Wood
Penn State Medical Center

Gail Yokote
University of California, Los Angeles

Joan Zenan
University of Nevada School of Medicine

Diana Zinnato
Thomas Jefferson University

Our Competition.

Always there. Day or night. Caring for you with common sense on anything and everything related to your health.

Health Periodicals Database.[™]

Like dear old Mom, *Health Periodicals Database* knows what's good for you. It's the new, weekly updated online service from Information Access Company—containing over 200,000 articles on health, medicine, fitness, and nutrition.

With a few keystrokes, health professionals can treat themselves to a vast selection of full text from more than 600 periodicals, including those most respected in the health industry.

And business professionals can soothe themselves with informative summaries of articles from leading



technical journals—relieved of their complex jargon for easy digestion.

Mom would want it that way.

Health Periodicals Database keeps your finger on the pulse of every aspect of health—at home and in the workplace. From day care to drug abuse. From recipes to remedies. It's simply the single most comprehensive source of health related topics around.

That is, if Mom isn't home.

Access file 149 on Dialog[®] or HLTH on Data-Star. For more


information, call Online Customer Service at 1-800-441-1165. In Canada,

call 1-800-227-8431. In all other

countries, call +1-415-378-5206 or FAX Information Access Company, attention: Eric Swartz, at

+1-415-378-5369.

MLA '91
BOOTH
#170

 **Health Periodicals Database**[™]
The online recipe for fitness and health.

Presenters and speakers appear in bold type. Page numbers followed by "a" refer to Abstracts pages at back of *Official Program*.

- Academy of Health Information Professionals; 9
 Academy of Health Information Professionals Consultations; 9, 52
Adebonajo, Leslie Goodale; 29, 20a
Ad Hoc Committee on Appointment of Fellows and Honorary Members; 31
Ad Hoc Committee on the Position of Hospital Libraries; 21
Ad Hoc Committee to Establish Cunningham Endowment; 31
 Advertisers, Index to; 75
Afes, Van B.; 43, 13a
Alexander, Kathey; 38, 41a
Allgood, Elaine; 42, 44, 45
Almquist, Deborah; 37, 26a
 American Library Association Standards for Accreditation Open Forum; 27
 AMIA/MLA Symposium; 47
Anderson, Rachael K.; 22, 45
 Annual Meeting Task Force; 21, 31
 Appointed Officers; 1
Armbruster, David L.; 39, 42a
Army, Philip H.; 28, 35a
Ash, Joan; 39, 41a
 Audiotapes; 15
 Award Juries; 31
 Awards Committee; 21
Barr, John R.; 37, 28a
Basile, Victor A.; 27, 32a
Bay City Beat; 11
Beauvais, Deborah; 29, 21a
Beck, Susan; 29, 19a
Bell, Christine L.; 37, 25a, 26a
Belleh, Godfrey S.; 41, 7a
Benning, Sue; 37, 27a
Bernstein, Frances T.; 29, 21a
Bianchi, Nancy A.; 38, 41a
 Board of Directors; 1, 21, 47
Bogle, Carlene; 29, 20a
Boilard, David W.; 44
 Books Panel; 21, 31
 Books Panel Members; 30
Bowden, Virginia M.; 28, 29, 19a, 33a
Brackstone, Deborah; 39, 42a
Branch, Katherine; 39, 42a
Breinich, John A.; 27
Broadbush, Billie; 30, 22a
Broadwater, Deborah H.; 35, 38a
 Brodman Award; 22
Broering, Naomi C.; 36, 40a
Brown, Janis F.; 28, 29, 20a, 35a
Brown, Pia Tollo; 30, 34a
Browning, Wes; 28, 17a
Bube, Judy; 41, 42
Buchanan, Holly Shipp; 26
Budrew, John; 37
Bulletin Consulting Editors Panel; 40
Bulletin Evaluation Committee; 31
 Bumpers, Sen. Dale; 22
Bunting, Alison; 25
Bunting, Anne Carroll; 38, 28a
 Business Sessions; 23-5, 32, 46-7
Butter, Karen; 31, 37a
 Bylaws Committee; 31
 Bylaws Revision; 32
Cahan, Mitchell A.; 42, 9a
Camille, Damon; 36, 40, 43, 39a
Campbell, Jayne; 45
 Cancer Librarians Business Meeting; 44
 Cancer Librarians Program; 42
 Cancer Librarians Reception; 46
Carlson, Barbara A.; 38, 47, 29a
Carpenter, Kathryn Hammell; 43, 13a
Carrigan, Esther; 43, 13a
Case, Susan B.; 44
Casini, Barbara P.; 37, 26a
Castro, Rafaela; 41, 8a
Ceccolini, Bruna; 30
Chadwick, Sharon; 43, 11a
 Chapter Council; 21, 47
 Chapter Sharing Roundtables and Luncheon; 9, 32
 Child Care; 9
 Chiropractic Libraries Breakfast and Business Meeting; 11, 40
 Chiropractic Libraries Program; 43
Cisler, Steve; 40, 12a
Clary, Rochelle; 41
Clements, Charles; 35, 3a
Clevesy, Sandra R.; 37, 26a
 Coffee Breaks; 26, 27, 35, 43
Coggan, Janet M.; 30, 22a
Colaiani, Lois Ann; 25, 31
 Collection Development Business Meeting; 44
 Collection Development Program; 45
 Collection Development Section; 34
 Colleague Connection; 9
 Committee on Committees; 21
 Concurrent Programs; 34-5
Condit, Nancy E.; 29, 21a
Condon, Joyce; 47
Consales, Judy; 28, 36
 Consumer and Patient Health Information Business Meeting; 43
 Consumer and Patient Health Information Program; 40
 Continuing Education Chapter/Section Support Subcommittee; 22, 31

- Continuing Education Committee; 21, 34, 47
 Continuing Education Courses; 16-7, 21
 Continuing Education Grant; 47
 Continuing Education Instructional
 Development Subcommittee; 22, 31
 Continuing Education Instructor Approval,
 Evaluation, and Support Subcommittee; 31
 Continuing Education Opportunity Review
 Subcommittee; 22, 31
 Contributed Paper Panels; 27-8, 30-1, 35-6, 38-9
 Conway, Suzy; 38, 30a
 Cook, Virginia I.; 29, 18a
 Cooley, Elizabeth A.; 37, 41, 7a, 29a
 Cooper, Ellen; 37, 26a
 Corcoran, Katie E.; 26
 Cosgrove, Tracey; 40, 6a
 Cowan, Deanna; 30
 Credentialing Committee; 21, 34
 Cruzat, Ph.D., Gwendolyn S.; 41
 Cunningham Memorial International
 Fellowship; 22
 Curtis, James A.; 28
 Daily Program
 Wednesday, May 29; 21
 Thursday, May 30; 21
 Friday, May 31; 21
 Saturday, June 1; 21
 Sunday, June 2; 21-3
 Monday, June 3; 23-31
 Tuesday, June 4; 31-9
 Wednesday, June 5; 39-47
 Thursday, June 6; 47
 Friday, June 7; 47
 Dalrymple, Prudence W.; 44
 Darling Medal; 22
 Davis, Rebecca A.; 27
 Delaney, Martin; 42
 Dental Business Meeting; 45
 Dental Roundtable Discussions; 40
 Dewdney, Patricia; 36
 Di Trolio, Trudi; 30, 34a
 Doe Lecture; 31
 Doe Lectureship Certificate; 32
 Doszkocs, Tamas E.; 34, 2a
 Dougherty, Nina; 45
 Dow, Sandra C.; 39, 43a
 Eakin, Dottie; 22
 Earl, Martha; 29, 20a
 Eaton, Elizabeth K.; 29, 18a
 Eckert, Sharon; 38, 29a
 Educational Media and Technologies Business
 Meeting; 40
 Educational Media and Technologies
 Focus Groups; 43
 Educational Media and Technologies Program; 40
 Eighmey, Kathy; 41
 Eisenschmied, Martin; 28, 17a
 Elam, Craig S.; 38, 29a
 Eldredge, Jon; 35, 4a
 Ellero, Nadine P.; 36, 40a
 Ellis, Larry; 40
 Emergencies; 13
 Englander, Marlene Saul; 42, 9a
 Exchange Advisory Committee; 31, 52
 Exhibit Guide; 9, 59-67
 Exhibitors, Index to; 71
 Exhibit 1991; 9
 Fackler, Naomi; 43, 13a
 Fang, Min-Lin Emily; 38, 30a
 Farewell Party; 14-5, 47
 Fast Break Sharing Sessions; 23, 76-7
 Federal Libraries; 45
 Federal Libraries Business Meeting; 39
 Federal Libraries Program; 41
 Feldman, Jonquil D.; 42, 9a, 19a
 Fellows; 32
 Film Festival; 9, 26, 27, 31
 Finance Committee; 21
 Fire Precautions; 13
 First-time Attendee Orientation; 10, 21
 Fisher, Ph.D., Edith Maureen; 41, 8a
 Fisher, Mona; 30, 21a
 Forsman, Rick B.; 40
 Fortney, Lynn M.; 27, 32a
 Foxman, Carole J.; 37, 26a
 Frensley, Erika E.; 42, 9a
 Frey, Barbara J.; 30, 34a
 Friends of MLA; 3
 Friends of NLM; 31
 Fuller, Sherrilynne S.; 45
 Funk, Mark E.; 45, 14a
 Gadzikowski, Claire; 28, 35a
 Gamboa, Carlos A.; 30, 34a
 Gann, Robert; 36, 24a
 Gardner, M.D., Murray; 44
 General Information; 9-15
 Gedeon, Penelope; 36, 40a
 Gehrig, George; 29, 19a
 Gibson, Hal; 40
 Gibson, Patricia; 44
 Gilman, Lelde; 39
 Gilpin, Laura; 40, 6a
 Ginn, David S.; 35, 44, 39a
 Gittings, Jeanne; 37, 27a
 Givens, Mary King; 39, 42a
 Glaser, June; 35, 4a
 Goellner, Jack G.; 32
 Goldman, Kimberly; 37, 27a
 Goldstein, Charles; 32
 Goldstein, Cynthia H.; 28, 35a
 Gottlieb Prize; 32
 Governmental Relations Committee; 22, 31, 35
 Gramka, B. J.; 43
 Grants and Scholarship Committee; 22
 Grants and Scholarship Juries; 31
 Grossman, Sue; 40
 Guide to Exhibits; 9, 59-67
 Guide to Libraries; 9
 Haag, Doris A.; 29, 19a
 Hale, Kaycee; 45, 14a
 Hall of Exhibits; 26, 32, 43
 Hamilton, Patricia J.; 47
 Handicapped Access; 10
 Harmony, Stephen; 29, 31, 19a, 36a

- Hawthorne, Pat; 29, 19a
 Headquarters Staff; 4
 Health Sciences Library Technicians Committee; 31
 History of the Health Sciences Business Meeting; 40
 History of the Health Sciences Luncheon
 with Speaker; 44
 History of the Health Sciences Program; 43
 History of the Health Sciences Tour; 46
 Hoffman, Kathryn J.; 22
 Holst, Ruth; 22, 31, 41
 Homan, J. Michael; 22, 42
 Honors and Awards; 10
 Horres, Mary M.; 35, 4a
 Hospitality Center; 10
 Hospital Librarianship, Award for Excellence
 and Achievement in; 22
 Hospital Libraries Board Meeting; 21
 Hospital Libraries Executive Committee
 Meeting; 47
 Hospital Libraries Focus Groups; 41
 Hospital Libraries Luncheon and Business
 Meeting; 13, 44
 Hospital Libraries Program; 45
 Hospital Libraries Section; 52
 Hotel Map; 48, 49
 Hsieh, Richard K. C.; 30, 34a
 Humphreys, Betsy L.; 25, 34, 2a
 Humphries, Anne Wood; 38, 42, 9a, 19a, 29a
 Inaugural Address; 47
 Informal Meetings Schedule; 52
 In Memoriam; 23
 Instructors Breakfast; 10, 39
 Interagency Council on Library Resources
 for Nursing; 38, 30a
 International Cooperation Business Meeting; 43
 International Cooperation Committee; 21
 International Cooperation Section Executive
 Board Meeting; 39
 International Cooperation Program; 40-1
 International Cooperation Section; 34-5
 International Visitor Orientation; 10
 Irvine, Kay; 44
 Jackowitz, Linda; 28, 16a
 Jackson, Sara Jean; 35, 4a
 Jajko, Pamela; 22, 46
 Jankowski, Terry Ann; 29, 30, 39, 17a, 43a
 Janssen, Kyra O.; 41
 Job Market; 10, 26, 27, 40
 Johnson, E. Diane; 36, 38a, 40a
 Johnson, Jr., Millard F.; 38, 39, 40a, 41a
 Judkins, Dolores; 40
 Karasick, Alice; 29, 20a
 Kaya, Birsan; 29, 19a
 Kelly, Elizabeth A.; 43, 13a
 Ketchell, Debra S.; 45
 Killion, Vicki J.; 42, 11a
 King, Hanna; 41
 King, Natalie S.; 36, 39a
 Kingsland III, Ph.D., Lawrence C.; 34, 2a
 Klain, Matthew N.; 36, 39a
 Klein, Richard S.; 45
 Knowledge and Skills Task Force; 34, 35
 Koyama, Janice T.; 41, 8a
 Kraft, Melissa A.; 31, 37a
 Kuller, Alice B.; 35, 39a
 Kwan, Y. Kathy; 29, 18a
 Lambrou, Angella; 30, 22a
 Lawrence, Janna; 28, 45, 33a
 Leary, Susan; 41
 Lederberg, Joshua; 47
 Lee, Donna K.; 38, 41a
 Leiter NLM/MLA Lecture; 46
 Leiter NLM/MLA Lectureship; 46
 Leiter NLM/MLA Lectureship Committee; 31
 Lelonek, Carol M.; 39, 43a
 Lemon, Mary Ellen; 36, 38a
 Lese, Kathleen; 28, 16a
 Lester, June; 27
 Library Research Business Meeting; 40
 Library Research Executive Session and
 Breakfast; 39
 Library Research Section Symposium; 47
 Library Research/Technical Services Program; 43
 Liebert, Mary Ann; 34
 Lindberg, M.D., Donald A. B.; 25, 34, 44, 47, 2a
 Lock, M.D., Stephen P.; 22
 Loscalzo, Anita B.; 37, 26a
 Lost and Found; 10
 Lucier, Richard E.; 22, 32
 Lunch and Learn; 10, 26-7, 32-4
 Lundberg II, George D.; 22
 Lyders, Richard A.; 47
 Lyons, Amy Gische; 30, 36a
 Mabry, Michael; 45
 Madsen, Mark L.; 44, 6a
 Malamud, Judie; 45
 Map, Exhibit; 70
 Map, San Francisco; 51
 Map, San Francisco Hilton; 48, 49, 74
 Marcotte, Joan M.; 37, 27a
 Marks, Ellen; 39, 41a
 Marshall, Joanne G.; 29, 36, 47, 18a, 24a
 Martin, Elaine R.; 45
 Martin, Sandra; 36, 39a
 Martin, Thomas P.; 36, 39a
 Mason, Frank O.; 39
 Matheson, Nina W.; 22
 McCarl, Mary Rhineland; 32
 McClure, Lucretia W.; 22, 23, 32
 McCray, Alexa T.; 34, 2a
 McCray, Jeanette; 29, 21a
 McCutcheon, Dianne; 45, 14a
 McGovern Award; 22
 McGovern Lecture; 22
 McGowan, Julie Johnson; 39, 42a
 McKinin, Emma Jean; 36, 38a, 40a
 McKusick, Victor A., M.D.; 32
 McLean, Martha L.; 29, 20a
 McNamee, Barbara; 28, 17a
 McSean, Tony; 35, 3a
 Meakin, Faith A.; 28, 33a
 Medical Informatics Section; 34
 Medical Informatics Technical Session; 44
 Medical Library Education Business Meeting; 46

Medical Library Education Program; 44
 Medical Library Education/Relevant Issues Program; 41
 Medical School Libraries Breakfast; 39
 Medical School Libraries Business Meeting; 40
 Medical School Libraries Program; 43
 Medical Society Libraries Business Meeting; 45
 Medical Society Libraries Luncheon with Speaker; 13, 44
 Member Resource Room; 10
 Membership Committee; 31, 52
 Membership Open Forum; 11, 23
 Mendina, Glenda; 36, 24a
 Mental Health Librarians; 45
 Mental Health Librarians Business Meeting; 41
 Mental Health Librarians Focus Group; 43
 Mental Health Librarians Section; 52
 Mercer, Florence S.; 37, 26a
 Message Center; 11
 Michael, Margaret J.; 36, 24a
 Mickelson, Patricia; 38
 Mirsky, Phyllis S.; 44
 MLA Award for Distinguished Public Service; 22
 MLA Booth; 11
 MLA Garden Cafe; 11
 MLA/Library Research Section Symposium; 47
 MLA Office; 11
 MLA Scholarship; 47
 MLA Scholarship for Minority Students; 47
 Montserin, Sally Anne; 22
 Moore, Margaret; 42, 46, 10a
 Moore, Mary; 31, 37, 28a, 36a
 Morgan, James E.; 39, 41a
 Morning Walk; 11
 Morse, David; 30
 Mullaly-Quijas, Peggy; 28, 35a
 Mulligan, Roseann; 40
 Myatt, Angela; 29, 19a
 Naisawald, Gretchen V.; 28, 42, 17a
 Nameth, Nardina L.; 27, 32a
 National Library of Medicine Update; 25
 Nesbit, Kathryn; 45
 New Leaders Brunch; 22
 New Member Orientation; 10, 21
 New Member Recognition; 23
 News Evaluation Committee; 31
 Newsletter; 11
 1991 Exhibitors; 71-2
 1991 National Program Committee; 7, 21
 1992 Annual Meeting; 11
 1992 National Program Committee; 21, 47
 1992 Planning Grid; 11
 1992 Planning Grid Meeting; 11, 31
 1993 National Program Committee; 21, 31
 Nominating Committee; 21
 Normann, Stephanie L.; 41
 Noyes Award; 47
 Nursing and Allied Health Resources; 45
 Nursing and Allied Health Resources Business Meeting; 40
 Nursing and Allied Health Resources Program; 42-3
 Olivier, Evelyn; 28, 33a

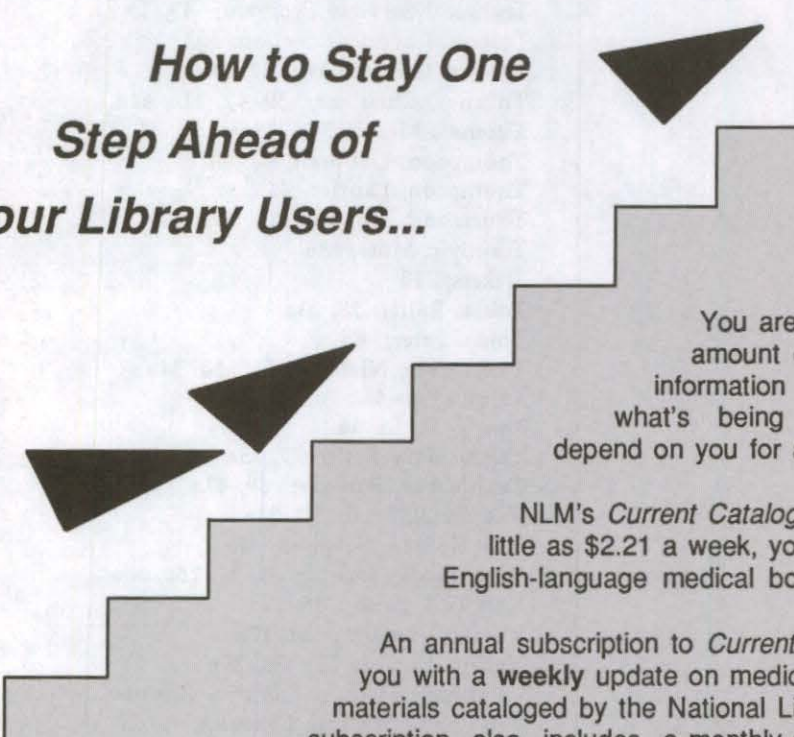
Olson, Tony; 35, 37a
 Onsager, Lawrence W.; 36, 38, 24a, 29a
 Opening Session; 22
 Opening of the Hall of Exhibits; 14, 23
 Oral History Committee; 22
 Ordogh, Linda; 30
 Palmer, Raymond A.; 23
 Parker, Kimberly; 39, 42a
 Parliamentary Procedures; 55-6
 Pascarelli, Anne M.; 34, 45, 3a
 Paskoff, Beth M.; 27, 32a
 Patruno, John; 35, 2a, 38a
 Peay, Wayne J.; 35, 39, 40, 4a
 Peloquin, Margaret I.; 42, 10a
 Pharmacy and Drug Information Business Meeting; 39
 Pharmacy and Drug Information/Cancer Librarians Program; 42
 Pharmacy and Drug Information Luncheon and Excerpta Medica Lecture; 13, 44
 Pharmacy and Drug Information/Relevant Issues Program; 45
 Picciano, Jacqueline; 42, 11a
 Piper, Dave; 29, 21a
 Pizer, Irwin H.; 32
 Placement Service; 12, 21, 22, 25, 31, 40
 Placement Service Orientation; 21
 Plenary Sessions; 22, 31-2, 46
 Pletzke, Chester J.; 27, 28, 16a, 32a
 Pomerantz, Karyn L.; 37, 25a
 Postconference Symposia; 12, 47
 Poster Sessions; 28-30, 36-8
 Potter, Laurie A.; 27, 32a, 33a
 Powell, Tracy E.; 29, 18a
 Poyer, Robert K.; 38, 29a
 Prasek, Margaret A.; 38, 30a
 Presidential Address; 22
 President's Reception; 14, 39
 Pressman, Ph.D., Jack; 43
 Pringle, Jr., Robert M.; 42
 Proctor, Ellen; 42, 11a
 Professional Recognition Review Panel; 31, 34
 Prosser, Marilyn; 36, 24a
 Publications Committee; 21
 Public Health/Health Administration Libraries Business Meeting; 43
 Public Health/Health Administration Libraries Program; 41
 Public Services Business Meeting; 44
 Public Services Program; 41-2
 Public Services Special Interest Groups; 45
 Public Transportation; 12
 Publishing and Information Industries Relations Committee; 31
 Rainey, Kathleen O.; 37, 26a
 Rambo, Neil; 28, 16a
 Ray, Kathryn P.; 37, 28a
 Raymond, Lorraine; 40, 44
 Registration Center; 12
 Reid, Valerie L.; 27, 32a
 Relevant Issues Business Meeting; 43
 Relevant Issues Program; 41, 45

Research, Development, and Demonstration
 Project Grant; 47
 Research Libraries Business Meeting; 40
 Research Libraries/Veterinary Medical
 Libraries Program; 42
 Research Resources Committee; 38, 30a
 Restaurant Reservations; 12
 Retiring *Bulletin* Editor Award; 32
 Rhine, Ph.D., Leonard; 31, 35, 41, 7a, 37a
 Ribbons, Badges, and Buttons; 12-3
 Richards, Daniel T.; 22, 45, 12a
 Richardson, Elizabeth J.; 29, 18a
 Rieke, Judith L.; 35, 38a
 Robbins, Jane B.; 27
 Robinson, Judith; 35, 38a
 Rockafeller, Ph.D., Nancy; 43
 Roderer, Nancy K.; 30, 34, 44, 22a
 Rogers Information Advancement Award; 32
 Roper, Ph.D. Fred; 34, 3a
 Roth, Grace Miller; 38, 30a
 Rudolph, Janelle; 39, 42a
 Ruff, Eve; 28, 16a
 Sabella, Marion N.; 30, 36a
 Safety Tips; 13
 Saha, Virginia Garvin; 45
 San Francisco Map; 51
 Sanderlin, John C.; 30, 22a
 Santosuosso, Joe; 31, 37a
 Sargent, Charles; 29, 19a
 Satterthwaite, Rebecca K.; 30, 34a
 Schafer, Marilyn; 44
 Scheetz, Mary D.; 37, 27a
 Scherdin, Mary Jane; 38, 41a
 Schick, Leslie; 42, 10a
 Schindler, Merril K.; 28, 17a
 Schloman, Barbara F.; 42
 Schmiechen, Barbara; 44
 Schnall, Janet G.; 29, 39, 17a, 43a
 Scholarship Booth; 13
 Schrift, Leonard; 31
 Schuyler, Peri L.; 34, 2a
 Schwartz, Diane G.; 39, 43a
 Secor, Henry J.; 34
 Section Breakfast/Luncheons; 13
 Section Council; 21, 47
 Section Council Luncheon and Orientation; 22
 Seelig, Bonnie M.; 29, 19a
 Sekerak, Robert J.; 38, 41a
 Self, Phyllis C.; 31, 36a
 Selig, Susan; 36, 39, 39a, 42a
 Shellhase, Jeremy; 38
 Shipman, Barbara Lowther; 39, 43a
 Shipman, Jean P.; 28, 33a
 Shortliffe, Ph.D., Edward H.; 44
 Sievert, MaryEllen; 36, 38a, 40a
 Silvers, Lynne; 37, 26a
 Singarella, Thomas; 36, 40, 39a
 Sinn, Sally K.; 35, 44
 Smith, Bernie Todd; 22, 27
 Snider, Jacqueline; 30, 21a
 Sober, Annelie; 37, 27a
 Son, Inhye Kim; 29, 42, 9a, 19a

Sparks, Marie; 35
 Speer, Susan C.; 29, 37, 18a, 27a
 State of the Association Address; 23
 Status and Economic Interests of Health
 Sciences Library Personnel Committee; 21, 45
 St. Clair, Guy; 23
 Steffey, Ramona J.; 35, 38a
 Stevens, Sheryl R.; 42
 Stoddart, Joan M.; 37, 27a
 Strategic Planning (Board of Directors); 21
 Strawn, Gary L.; 34, 2a
 Studaker, Martha; 37, 25a
 Stucki, Loretta H.; 43, 13a
 Sullivan, Chrissy; 38, 30a
 Sullivant, Jean; 28, 38, 17a, 30a
 Sunrise Fiesta; 14, 23
 Syed, Edmund J.; 34, 2a
 Sykes, Vivian; 41
 Taped Sessions; 15
 Technical Services Business Meeting; 44
 Technical Services Luncheon; 44
 Technical Services Program; 43, 45
 Technical Services Section; 52
 Thayer, Candace W.; 37, 28a
 Thinner, Christine; 39, 42, 11a, 41a
 Thomas, Marcia M.; 43
 Thompson, Deborah A.; 41
 Thompson, Laurie; 46
 Thurmond, Dorothy A.; 37, 26a
 Tiamiyu, Muta; 36
 Tickets; 15
 Tobia, Rajia; 28, 33a
 Tolos, Peter; 45
 Tomaiuolo, Nicholas G.; 30, 34a
 Tong, Louis Lik-Fu; 47
 Tooley, M. J.; 46
 Train, Mary Beth; 37, 25a
 Tuchfarber, Barbara; 39, 41a
 Van Driel, Fred; 30, 22a
 Van Houten, Stephen; 40
 Van Schaik, JoAnn; 31, 37, 28a, 36a
 Van Toll, Faith; 36, 39a
 Varman, Beatriz; 28, 17a
 Verble, Frances H.; 38, 28a
 Veterinary Medical Libraries Business Meeting; 40
 Veterinary Medical Libraries
 Lecture/Demonstration; 44
 Veterinary Medical Libraries Program; 42
 Veterinary Medical Libraries Tour; 45
 Videotapes; 15
 Volesko, Michelle; 30
 Wagner, Kathleen A. Cimpl; 28, 36
 Walker, Mary Edith; 39, 42a
 Walking San Francisco; 13
 Waters, Donald; 39, 42a
 Watson, Linda A.; 36
 Wedgeworth, Robert; 44, 14a
 Weinstock, Joanna S.; 38, 41a
 Welcome Reception; 14, 23
 Wells, Terry; 29, 19a
 Wessel, Charles B.; 35, 39a
 West, Richard P.; 40

Whitcomb, Dorothy; 30, 22a
Whitebook, Denis; 41
Wilson, Jacqueline; 27
Wineburgh-Freed, Margaret; 29, 20a
Winslow, Nancy J.; 37, 25a
Wood, Gary; 40
Wood, M. Sandra; 38

Woods, Susan E.; 30, 22a
Wren, Maureen; 40
Wrynn, Paul E.; 43, 13a
Zenon, Joan S.; 27, 28, 35, 36, 4a, 32a
Zhang, Ruihang; 22
Zinn, Nancy; 46



***How to Stay One
Step Ahead of
Your Library Users...***

***...When They Need
the Latest Medical
Information in Print***

You are keenly aware of the increasing amount of medical and health sciences information in print—but can't keep up with what's being published. And your users depend on you for access to the latest information.

NLM's *Current Catalog Proof Sheets* can help! For as little as \$2.21 a week, you can stay one step ahead with English-language medical books, journals, and publications.

An annual subscription to *Current Catalog Proof Sheets* provides you with a **weekly** update on medical books, publications, and AV materials cataloged by the National Library of Medicine. Your CCPS subscription also includes a monthly subject and title index for **quick reference** to the most current health sciences information in print.

To order your *Current Catalog Proof Sheets* subscription, call MLA headquarters at 312/419-9094 today!

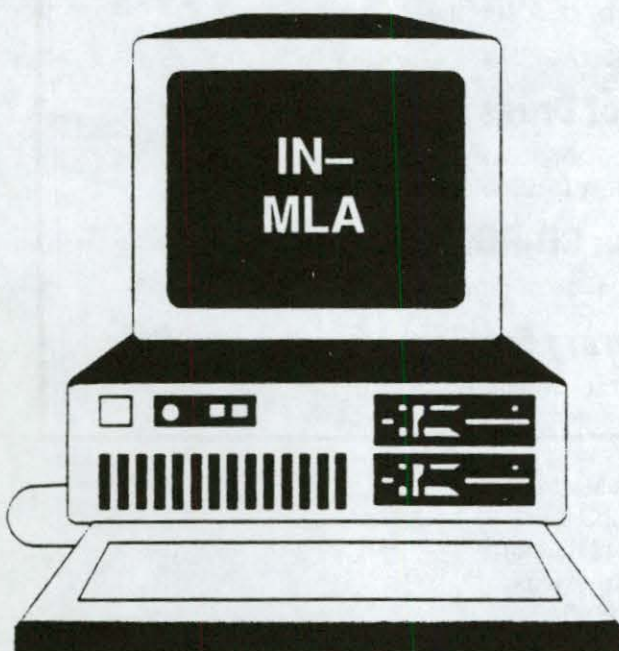
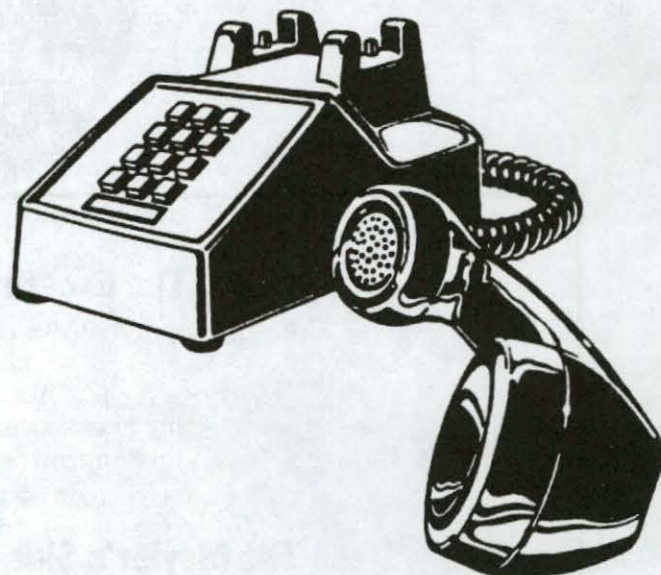
MLA

MLA

NEW MEMBER SERVICE

INFORMATION NETWORK-MLA

**JOBLINE
INFORMATION LINE
BULLETIN BOARD
ONLINE FORUM**



*Information and demonstrations
1991 Annual Meeting, MLA Booth
Monday, June 3-Wednesday, June 5*

Sponsored in part by MLA's Corporate Members.

Elsevier's Electronic Publishing Division Makes Information Easy

SEE OUR
NEW PRODUCTS
AND SERVICES
AT ISLAND B
MLA ANNUAL MEETING
SAN FRANCISCO
JUNE 3-5

EMBASE

The Excerpta Medica Database

Current, comprehensive drug, clinical and biomedical literature

Online subscription

Academic discounts

Site licensing and networking agreements

Customized tape and floppy disk service

SEDBASE

The Meyler's Side Effects of Drugs Database

Full-text database containing evaluated synopses of clinically relevant drug side effects and interactions. Now available on CD-ROM.

Excerpta Medica on CD-ROM

Ten discipline-specific CD-ROMs with ten years of citations and abstracts.

Excerpta Medica Library Service

A value-added service for EM Abstract Journal subscribers

EMBASE/Excerpta Medica
Elsevier Science Publishers
Electronic Publishing Division
655 Avenue of the Americas
New York, NY 10010

TEL: (212) 633-3971 FAX: (212) 633-3913



CONCURRENT SESSIONS

ABSTRACTS

LIBRARIANS AND INFORMATION SCIENTISTS MEET THE UMLS KNOWLEDGE SOURCES: A LOOK AT CURRENT EXPERIMENTATION Betsy L. Humphreys, Deputy Associate Director, and Donald A.B. Lindberg, M.D., Director, National Library of Medicine, Bethesda, MD

The National Library of Medicine's Unified Medical Language System[®] (UMLS[™]) project is a research and development effort designed to facilitate retrieval and integration of machine-readable information from bibliographic databases; clinical record systems; factual, knowledge-based, and expert systems; and directories of organizations and individuals. In October 1990, NLM issued the first versions of two UMLS Knowledge Sources: a Metathesaurus[™] containing information about concepts from several biomedical vocabularies and classifications and a Semantic Network of the relationships among the broad semantic types or categories to which all individual concepts in the Metathesaurus are assigned (e.g., "Virus" causes "Disease or Syndrome"). The first version of a third UMLS Knowledge Source, an Information Sources Map describing the scope, content, and access protocols for nationally available biomedical databases, should be issued in 1991. Librarians assisted in the development of the UMLS Knowledge Sources, which are designed primarily for use by system developers, and many medical libraries are now involved in experimenting with Meta-1, as the first version of the Metathesaurus is called, and the Semantic Network. A summary of current UMLS experimentation related to library and information science problems is presented along with preliminary feedback from the medical library community.

Betsy L. Humphreys, National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894

MULTIPLE THESAURI AND THE PUBLIC CATALOG Gary L. Strawn, Authorities Librarian/Library Systems Analyst, Northwestern University Libraries, Evanston, IL

A project at Northwestern University Library which identified corresponding subject headings in the MeSH and LCSH systems is summarized. This project drew on a preliminary version of the UMLS Metathesaurus, established headings and cross references in authority records, and subject headings in bibliographic records. During the course of the project, 8,799 MeSH and 9,427 LCSH authority records representing equivalent terms were enhanced with subject-mapping information, and 1,398 cross references were added. The use of subject mapping information in public catalog displays during searches which encompass multiple thesauri is described. Directions for future development are identified.

Gary L. Strawn, Authorities Librarian/Library Systems Analyst, Northwestern University Library, 1935 Sheridan Road, Evanston, IL 60208

COACH: AN EXPERT SEARCHER ADJUNCT PROGRAM FOR USERS OF GRATEFUL MED Lawrence C. Kingsland III, Ph.D.; Tamas E. Doszkocs, Ph.D.; Edmund J. Syed; Peri L. Schuyler; Donald A. B. Lindberg, M.D. National Library of Medicine, Bethesda, MD.

The Coach expert searcher system is being developed at NLM to assist Grateful Med users seeking help in improving retrieval from ELHILL. Initial work has concentrated on MEDLINE and its backfiles, and in particular on the problem of null retrieval. Subsequent functions will address searching problems relevant to other MEDLARS files. Coach offers true ELHILL multifile searches, ELHILL sorting of output citations before download, and considerable flexibility in the print format of downloaded results. It works interactively with the user, with Grateful Med and with ELHILL. Coach creates multiple searches when appropriate, then uses Grateful Med's Standalone Search Engine to make these searches with one ELHILL logon. It displays for the user the postings resulting from the searches by individual search statement and final result, without the cost of multiple downloads. The user picks the best search and with a single keystroke executes that search with download.

Coach emulates a number of the actions of an expert human searcher in diagnosing user search problems and determining which of a series of functions to invoke for their solution. It has access to multiple knowledge sources built to help augment or replace the user's query terms or to map to new terms in accordance with the user-stated goal of getting more or getting better focused retrieval. Coach's primary knowledge source, the UMLS Metathesaurus, is an extremely rich source of potentially useful related terms, lexical variants, relationships, definitions, cooccurrences and other information. MeSH and special Coach knowledge sources allow mapping for occupational specialty headings; subheading synonyms, subheadings and conceptual clusters of subheadings; explodes and pre-explodes; "consider also" terms; and "forward see related" cross reference terms. Coach offers guidance in applying subheading qualifiers for focusing retrieval, with dynamically created subheading "pick lists" specific to the MeSH heading in question and explanation of the usage of each subheading shown. The program incorporates a Meta-1 browser having both Boolean and non-Boolean search capabilities. It can display child and sibling term pick lists and Meta-1 concept definitions to help users visualize search terms in MeSH tree context and choose appropriate additional terms to incorporate into their query.

Lawrence Kingsland, Ph.D.; National Library of Medicine; 8600 Rockville Pike; Bethesda, MD 20894

PROCESSING BIOMEDICAL LANGUAGE: THE ROLE OF THE UMLS[™] KNOWLEDGE SOURCES Alexa T. McCray, Ph.D., Lister Hill Center, National Library of Medicine, Bethesda, MD

An ongoing research effort at NLM's Lister Hill National Center for Biomedical Communications concerns natural language processing for improved representation and retrieval of biomedical information. The primary focus of this research program is the development of SPECIALIST, an experimental system for parsing, analyzing and accessing biomedical text. The system uses lexical, morphologic, syntactic and semantic information as it builds structured representations of sentences in biomedical texts.

The SPECIALIST system is currently being augmented with information from the two recently released UMLS Knowledge Sources, Meta-1[™] and the UMLS Semantic Network. Meta-1 contains information about a large number of biomedical concepts that appear in several controlled vocabularies. Each concept in Meta-1 has been assigned to at least one of the basic semantic types included in the Semantic Network. The Network defines these types and includes a set of potentially useful relationships between them.

The talk will describe the SPECIALIST system, show how the system is intended to facilitate retrieval of biomedical information, and illustrate the role of the UMLS Knowledge Sources in this process. Alexa T. McCray, Ph.D., Lister Hill Center, National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894

INTRODUCTION TO PUBLISHING FOR HEALTH SCIENCES LIBRARIANS: AN EXPERT PANEL PRESENTATION ORGANIZED BY THE COLLECTION DEVELOPMENT SECTION. Anne M. Pascarelli, Director, Massachusetts College of Pharmacy Library, Boston, MA and John Patruno, Director, Health Science Library, University of Tennessee Health Science Center, Memphis, TN.

Health sciences librarians spend institutional resources to create and organize scholarly information services based upon the literature of health care. It is therefore important that health sciences librarians understand how that literature is created and marketed. Presentations by two independent publishers who have built successful publishing houses will describe the processes involved in creating, developing, marketing and ensuring the quality of the scientific literature. Such topics as how publishers develop a new journal or book, how editorial boards are created, factors that determine publication format and price, and a look toward health sciences publishing in the year 2000, among other important topics will be addressed by Dr. Marcel Dekker, President and Chief Executive Officer of Marcel Dekker, Inc. and Mary Ann Liebert, President of Mary Ann Liebert, Inc. Presentations will be followed by a question and answer period. The panel will be moderated by Anne Pascarelli.

SATELLIFE: BUILDING ELECTRONIC BRIDGES TO MEDICAL LIBRARIES IN THE DEVELOPING WORLD Charles Clements, Executive Director, SatelLife, Cambridge, MA USA and Tony McSean, Librarian British Medical Association, London, UK

SatelLife, an international not-for-profit organization, created by the Nobel peace laureate International Physicians for the Prevention of Nuclear War, links medical communities globally with each other and with sources of information.

SatelLife's Access to Medical Information service (AMI) uses donated transponder capacity on a broadcast satellite to transmit medical literature. The Central Medical Library of Poland (CMLP) forwards requests via electronic mail (EARN) to the Library of the British Medical Association (LBMA), which "faxes" back the material via the specially designed MIS satellite channel. In the first six weeks of 1991 the LBMA serviced four hundred CMLP requests compliments of AMI.

SatelLife's HealthNet uses low-earth orbit satellites to provide electronic mail even where there is no telephone. Ground stations are simple combinations of radios and personal computers. A five nation pilot project will link medical schools in Kenya, Tanzania, Uganda, Zambia, and Zimbabwe. The test transmission of a thirty thousand byte article from the New England Journal of Medicine (NEJM) to the initial ground station in Nairobi took place in January and was error free. The NEJM is the first of a core of journals that are to be electronically distributed without charge.

Charles Clements, 126 Rogers St, Cambridge, MA 02142 USA

KNOWLEDGE AND SKILLS FOR HEALTH INFORMATION PROFESSIONALS IN THE 90'S AND BEYOND.

Co-sponsored by the Continuing Education Committee, the Credentialing Committee, the Professional Recognition Review Panel, and the Knowledge and Skills Taskforce.

Fred W. Roper, Chair of the Knowledge and Skills Taskforce, will present the preliminary findings of the survey sent to a sample of the MLA membership on the knowledge and skills needed to be an effective health information professional. The first draft of the GUIDELINES FOR GRADUATE EDUCATION PROGRAMS will be considered. Attendees will then meet in small groups led by members of the co-sponsoring units for discussion of the findings of the Taskforce and the draft of the GUIDELINES.

Fred W. Roper, Dean, College of Library and Information Science, University of South Carolina, Columbia, SC 29208

MLA'S ROLE IN THE LEGISLATIVE PROCESS. Sara Jean Jackson, Director, Research Medical Library, University of Texas M.D. Anderson Cancer Center, Houston, TX.

MLA's interest and involvement in legislative issues has been evident in some degree since the 1960s. In recent years a greater impact has been effected through the activities of a combined MLA/AAHSLD task force. Among other emphases the development of a strengthened legislative network is a high priority today. This session will emphasize the importance of membership commitment to the legislative process. Sara Jean Jackson, University of Texas M.D. Anderson Cancer Center, Box 99, 1515 Holcombe Blvd., Houston, TX 77030

JUST HOW CAN WE MAKE A DIFFERENCE AS MLA LOBBYISTS? Jon Eldredge, Assistant Professor and Chief of Collection & Information Resources Development, Medical Center Library, University of New Mexico, Albuquerque, NM.

This session will enable MLA members to successfully represent the interests of medical libraries as volunteer lobbyists. The speaker will draw upon familiar experiences such as librarian - vendor interactions to clarify the position of the lobbyist in the public policy process. In addition, he will dispel popular misconceptions about what makes lobbyists effective and introduce a core set of principles that each attendee will be able to apply to their own lobbying efforts. These core principles for lobbyists are derived from thirty years of rigorous empirical research by political scientists on interest group politics. Participants will be surprised by some of the research findings, and be better prepared to lobby in Washington, DC (or back home), for medical libraries. Jon Eldredge, UNM Medical Center Library, University of New Mexico, North Campus, Albuquerque, NM 87131

PRESENTING YOUR CASE TO CONGRESS. Legislative Aide To Be Announced.

The speaker will give a congressional staff perspective on how constituents can most effectively present their views to Congress through letters, telephone calls, and personal visits. Participants will also gain an insider's view of what happens with information received from constituents.

LEGISLATIVE UPDATE. June Glaser, Director, Basil G. Bibby Library, Eastman Dental Center, Rochester, NY

MLA's Governmental Relations Committee monitors existing and pending legislation and provides the MLA membership with information about legislative and regulatory events at the national level. A summary of current activities and issues of concern will be presented. June Glaser, Basil G. Bibby Library, Eastman Dental Center, 625 Elmwood Ave., Rochester, NY 14620

MLA GOES TO WASHINGTON. Mary M. Horres, Biomedical Librarian and Associate University Librarian, Sciences, Biomedical Library, University of California, San Diego, La Jolla, CA; Wayne J. Peay, Director, Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City, UT; and Joan S. Zenan, Director, Savitt Medical Library, University of Nevada, Reno, NV.

These speakers will present a role play of a congressional visit. The congressional aide will review the role play, and the speakers will add additional insights and lead a brief discussion.

Mary M. Horres, Biomedical Library C-075-B, Univ. of California, San Diego, La Jolla, CA 92093

SECTION PROGRAMMING

ABSTRACTS

THE PLANETREE MODEL: HELPING CONSUMERS BE ACTIVE PARTICIPANTS IN THEIR OWN HEALTH CARE. Laura Gilpin, MFA, RN, Associate Director, Planetree, San Francisco, California; Tracey Cosgrove, MLIS, Director, Planetree Health Resource Center, San Francisco, California.

Planetree is a national nonprofit consumer health organization dedicated to helping patients and consumers become active participants in their health and medical care. Founded in 1978, Planetree was named after the tree under which Hippocrates taught the first medical students. In July of 1981, the Planetree Health Resource Center, a consumer health library opened on the campus of Pacific Presbyterian Medical Center (PPMC) in San Francisco. In 1985, the first Planetree Model Hospital Unit, dedicated to humanizing the hospital experience for patients opened. Since the development of these nationally recognized models, Planetree had helped other organizations establish successful consumer health resource centers and hospital units throughout the country.

This presentation will introduce the philosophy and concepts of the Planetree Health Resource Center and the Planetree Model Hospital Program. Presenters will cover the inception of this organization, and the development and implementation of the Planetree Hospital Units and Consumer Health Resource Centers. Through the development and replication of these model programs throughout the country, Planetree offers an expanded vision for the future of health care.

"LEADING THE WAY IN AIDS POLICY DEVELOPMENT: THE EXPERIENCE OF THE CALIFORNIA MEDICAL ASSOCIATION" Mark Madsen, MPH, Director, Dept. of Physician Education, California Medical Association, P.O. Box 7690, San Francisco, CA 94120-7690

In the 1980s the United States and the world were faced with an epidemic that, more than any other disease, challenged the medical profession's ability to treat, cure, and eradicate a single disease. It challenged the very core of medicine and the ethical beliefs that have guided physicians' behavior for centuries.

While struggling with these dilemmas, the California Medical Association also needed to develop policy in areas where no policy existed or where existing policy was inadequate to deal with the complexities that were a part of the AIDS epidemic.

In 1984 the Task Force on AIDS and Sexually Transmitted Diseases was formed. Its mission was to develop and recommend policies, public health strategies, and legislative changes to CMA's governing council. The resulting policies have addressed some of the nation's thorniest AIDS issues such as needle exchange programs and the HIV infected health care worker.

This presentation will examine the process and content of CMA's policy development on HIV disease.

HEALTH SCIENCES LIBRARIES IN TWO CULTURES: observations from personal experience in the United States and Nigeria. Godfrey S. Belleh, Head, Dept. of Cataloging, McGoogan Library of Medicine, University of Nebraska Medical Center, Omaha, NE.

From a background of personal experience of library practice of twenty years in Nigeria and four years in the United States, the author takes a comparative look at health sciences libraries in the two countries. The current state of libraries in both countries is described and the factors (political, economic and cultural) which influence library development and practice are examined. Other aspects observed include faculty status for librarians, the role of women, professional associations, aid, and future prospects. Comparison shows that health sciences libraries in Nigeria and other developing countries will benefit from emulating the practice of health sciences librarianship in the United States. Godfrey S. Belleh, Head, Dept. of Cataloging, McGoogan Library of Medicine, University of Nebraska Medical Center, 600 South 42nd Street, Omaha, NE 68198-6705

LIBRARY AUTOMATION IN THE SOVIET UNION: A CASE STUDY OF THE "EYE MICROSURGERY" COMPLEX LIBRARY, MOSCOW Leonard Rhine, Ph.D., Head, Technical Services, Health Science Center Library, University of Florida, Gainesville, FL.

The presentation is a summary of observations from two professional trips to the Soviet Union. In April 1989, the author visited a number of biomedical libraries in Moscow and Leningrad. During June 1990, the presenter served as a consultant for the Intersectoral Research and Technology "Eye Microsurgery" Complex Library.

The presentation will review the state of library automation at a number of biomedical libraries in the Soviet Union. The level and direction of automation at the "Eye Microsurgery" Complex Library will be discussed in depth. Since the Eye Complex generates considerable hard currency, the Library has been able to begin a comprehensive automation plan. The success of this Library's automation program will be compared and contrasted with the overall automation situation for biomedical libraries in the Soviet Union. Leonard Rhine, Head, Technical Services, Health Science Center Library, University of Florida, Box J-206, Gainesville, FL 32610

THE APPLICATION OF A LIBRARY SCIENCE EDUCATION TO AN INTERNSHIP WITH USIS IN RANGOON, BURMA. Elizabeth A. Cooley, Collection Development Librarian, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA.

This paper will show the educational value of an internship while attending library school, and the special value of an internship abroad. It will discuss how the author applied her class room experience to her work environment in a United States Information Service (USIS) library. While attending the University of Michigan's Information and Library Studies Program, the author spent four months at the United States Embassy in Rangoon, Burma with USIS.

Projects worked on during the internship were varied and encompassed a multitude of areas. The first project, personnel training in reference and cataloging, enabled the author to prepare two staff members for their jobs. An inventory project introduced new staff to the collection and prioritized what projects should be taken on within the summer's time frame. Re-organization of the card catalog allowed staff to become familiar with the Library of Congress classification system while correcting cataloging and filing problems. Preservation and organization of the embassy's Burmese history collection led to bibliographic work on this collection.

All of these projects led to the educational enhancement of the intern's curriculum at the University of Michigan, while helping the staff at USIS with their continuing education goals. The internship can serve as a model for foreign medical libraries wishing to offer such an internship to encourage the educational growth of the intern and the host library. Elizabeth A. Cooley, Claude Moore Health Sciences Library, UVA, Charlottesville, VA 22901

Recruitment and Advanement of Minority Librarians
Rafaela Castro, Ethnic Studies Librarian, University of
California, Davis, CA.

A presentation of recommendations for new and modified programs in the area of recruitment and hiring of African American, Asian American, Chicano/Latino, and Native American librarians, and for the promotion and advancement of racial and ethnic librarians already in a library system. Serious issues will be raised that have impacted negatively on the recruitment and hiring of ethnic librarians. Recommendations that outline specific programs for changing the situation will be presented. A bibliography of suggested readings will be distributed. Rafaela Castro, Ethnic Studies Librarian, Shields Library, University of California, Davis, CA 95616.

DIVERSITY: ITS IMPACT ON THE DEVELOPMENT OF LIBRARY SERVICES
Janice T. Koyama, Head Librarian
Moffitt Undergraduate Library
University of California, Berkeley
Berkeley, CA 94720

Sometime during the decade 2000-2010—one projection targets the year 2003—non-Hispanic whites will no longer constitute a majority in California. This unprecedented demographic phenomenon is already a social reality on many university campuses where undergraduates now reflect a broad representation of this state's population. How should academic librarians respond to a changing student body, and hopefully, a more diversified staff and faculty? The implications of immigration, curricular reform, and increasing economic differentiation in society lead to issues which should affect the development and character of library operations and services such as collection development, preservation, bibliographic instruction and management.

1
33
1
MODERN RACISM AND BUILDING MULTIRACIAL AND
MULTICULTURAL ENVIRONMENTS. Edith Maureen Fisher,
Ph.D., President Tengé Enterprises, Encinitas, CA

Affirming multiracial and multicultural diversity in the 1990s will challenge individuals, groups, institutions and organizations. Efforts toward achieving multiracial and multicultural diversity will target local, state, national and global arenas.

Modern racism is an integral factor for multiracial and multicultural diversity not to be overlooked. It accounts for the subtle, complex and conflicted nature of race relations today. Open dialogue about modern racism will enhance building multiracial and multicultural environments that are positive and productive.

Building multiracial and multicultural environments requires individuals to explore the dynamics and benefits of diversity. It provides a growth opportunity to develop awareness of self and of others, and to enrich interpersonal skills. Creating positive and productive multiracial and multicultural environments can ensure all persons, regardless of their background, are viewed and valued for their personal assets and strengths, and are able to achieve their fullest potential.

Edith Maureen Fisher, President, Tengé Enterprises, 204
N. El Camino Real, Suite E 728, Encinitas, CA 92024

ALTERNATIVE STAFFING: THE MANAGER'S ROLE

Anne Wood Humphries, Head Reference Librarian, and Gretchen V. Naisawald, Assistant Director for Public Services, The Claude Moore Health Sciences Library, Box 234, University of Virginia Health Sciences Center, Charlottesville, Virginia 22908

Computerized information systems have made time-intensive personal instruction a commonplace activity in daily reference interactions. The manager must balance traditional information services against development of new initiatives. Management issues involved in alternative staffing of service departments include recruitment, training, time management skills, and effective communication.

The Claude Moore Health Sciences Library (CMHSL) of the University of Virginia has utilized a variety of strategies to expand resources, including job sharing one professional position, offering a library school student a practicum experience, training Reference Assistants to handle basic reference duties, and involving staff from other departments.

Flexible hours, interdepartmental staffing, and part-time positions require the manager to maintain effective communication and to closely prioritize staff activities using time management techniques. The benefits of staffing alternatives include improved morale, greater productivity, flexibility in staffing options, recruitment and retention of quality staff, and expanded expertise in developing creative management strategies.

HOUSECALLS: TAKING EDUCATION TO THE USER

Jonquil D. Feldman, Inhye Kim Son, Consultation Services Coordinators; Anne Wood Humphries, Head Reference Librarian. The Claude Moore Health Sciences Library, University of Virginia, Charlottesville, Virginia.

In the past year the Claude Moore Health Sciences Library has introduced several self-service online systems including an online catalog, mini-MEDLINE, ALERTS/Current Contents and CD-ROM systems. A program called Housecalls was developed to make it more convenient for faculty and staff to learn about the new systems at meetings outside the library such as divisional grand rounds, regular staff meetings and specially arranged meetings. The program was publicized through a faculty mailing, in the library newsletter and through contacts in Health Sciences Center departments.

To organize the Housecalls, a checklist was created that included: 1) name, department and phone number of contact person; 2) time and location of meeting; 3) topic(s) to be covered; 4) available equipment; and 5) equipment needed. Some creative methods were employed to illustrate the systems in the absence of direct telephone lines, including overheads depicting each screen and prepared searches on disk that were displayed using a PC and projection pad.

About three hundred people attended 21 Housecalls that consisted primarily of tailored demonstrations of the online catalog and mini-MEDLINE; some sessions also included an overview of other library systems and services. Despite a few technical problems, the program overall was successful and future plans include expanding the Housecalls to include personal consultations at clients' workstations. Jonquil D. Feldman, The Claude Moore Health Sciences Library, Box 234, University of Virginia, Charlottesville, Virginia, 22908.

INFORMATION MANAGEMENT SKILLS TRAINING

Mitch Cahan, M.L.S., Manager, Psychiatry Neurosciences Library and Nursing Information Resource Center, The William H. Welch Medical Library, The Johns Hopkins University School of Medicine, 1900 East Monument Street, Baltimore, Maryland

During the past several years the demand for computer based bibliographic instruction in the academic medical center has grown significantly. In support of the changing information seeking behaviors identified in the IAIMS environment of the Johns Hopkins Medical Institutions, librarians have taken on new roles as information consultants. Consulting information specialists have designed a multitiered, CME Category I approved course for AMA PRA addressing the fundamental components of information management skills for the clinician. In response to both the expanding role of the information consultant and the need for a personalized approach to computer based education, staff of the William H. Welch Medical Library have provided instruction in construction of SDIs in support of research, retrospective and comprehensive searching of MEDLINE in support of publication, and reprint management. Classes are easily altered for specialists in each clinical area. Follow-up consulting sessions support use of advanced features of software platforms such as the GRATEFUL MED search engine, construction of personal databases and the design of personalized materials to support information activities. The paper will review the Welch consulting program and examine the impact of the program on the participants in the clinical sciences.

THE TEXSEARCH HELP OFFICE: AN EXTENSION TO INFORMATION DESK STAFFING

Marlene Saul Englander, Assistant Director, Information Services and Erika E. Frensley, Information Assistant, Houston Academy of Medicine/Texas Medical Center Library, 1133 M.D. Anderson Blvd., Houston, TX 77030

In September, 1988, the Houston Academy of Medicine/Texas Medical Center Library (HAM-TMC), in conjunction with two other libraries, began providing local, free, end-user access to the past 5 years of MEDLINE (TexSearch). Currently, access is available a number of ways, including 9 dedicated terminals in the library, and dialing-in from office or home.

In anticipation of the volume and diversity of questions that clients would have regarding successful use of TexSearch, the Library established the TexSearch HELP Office. The HELP Office is staffed by a full-time Assistant whose charge is to provide help to anyone who calls, or comes to the library, with TexSearch-related questions. She is also the library's liaison to the Computer Center, and informs library staff when there are systems changes or enhancements, or when new files are loaded onto TexSearch.

This paper describes the function of the TexSearch HELP Office, how we have been able to restructure our Information Desk Staffing by having a full-time TexSearch Assistant available, and how this person handles client calls, instruction, and telecommunications support. This presentation also addresses: statistics demonstrating HELP Office activity, identification of types of TexSearch-related questions still handled at the Information Desk, depth of client knowledge, and plans for the future.

READING LEVELS OF NURSING / ALLIED HEALTH / MEDICAL JOURNALS

Margaret Peloquin, Riverside Campus, Austin Community College, P.O. Box 140647, Austin, Texas 78714 (512)389-4003

The health sciences literature is a dynamic body of literature which keeps the profession alive and the *professional* competent and current. Being able to read this body of literature is incumbent to the success of the professional and the health sciences student.

Educational assessment and poor student performance in beginning courses have identified a growing number of students committed to becoming health professionals but not able to perform at the level of competency necessary to complete required coursework. Knowing the reading level of selected health sciences journal titles would be helpful to faculty who design and assign curricula, counselors, faculty, and tutors who work with remediating students, and librarians who select and maintain journal collections.

A review of the literature indicated that there are no easily available lists of the reading levels of health sciences journals. The Learning Resource Center staff of the Riverside Campus of Austin Community College participated in a broader-based pilot study of periodical reading levels by evaluating 25 health sciences titles. Both automated methods and a manual analysis were utilized to determine the reading levels. The paper discusses the methods used and the results of the analyses.

A FIRST OFFERING IN NURSING INFORMATICS

Leslie C. Schick, M.S.L.S.; Director, Nursing Library, University of Cincinnati, 3110 Vine St., Cincinnati, OH 45221-0038.

"Information Research Strategies and Management in Nursing" is an elective course offered to University of Cincinnati College of Nursing and Health graduate students for three graduate credits. The course was developed and is taught by librarians at the College.

This course provides students preparing for the research process with the technology, skills, and decision-making strategies necessary for independent information retrieval and management. The course offers hands-on experience in applying the principles of nursing informatics, searching nursing and related databases, examining knowledge databases, and developing personal information systems.

Students begin by identifying a research topic related to either their thesis/dissertation topic or to a patient care issue. Once topics are selected, various tools including print indexes, CD-ROM, and online databases are utilized to identify relevant citations for their topics. Throughout the various assignments, students create personal information files of references pertinent to their research topics.

Course evaluations have reflected the positive reactions of students. The course is currently being evaluated as a potential required course for graduate students.

END-USER TRAINING FOR NURSING STUDENTS: EVALUATION AND PLANNING

Margaret Eilene Moore, Head, Information Management Education Services, Health Sciences Library, University of North Carolina at Chapel Hill.

Health Sciences Library faculty initiated end-user training for junior nursing students in Fall 1990. Eleven clinical groups with 5-8 students per group (n=72) participated in 45-minute introductory workshops on searching three SilverPlatter databases--MEDLINE, CINAHL, and HealthPLAN. Nursing students learned sources of help, basic search strategy (use of Boolean and thesaurus), system commands, and database differences.

Immediately following the session, participants rated effectiveness of presentations and handouts. They were also tested on their knowledge of basic searching concepts. 63% reported no previous computer search experience. All (100%) students and clinical faculty agreed that future students should learn to search these databases. As expected, a follow-up survey in December and January showed that students did not retain all they had learned. Although most were required to find clinical literature, fewer than expected (approximately 1/3) used the SilverPlatter databases. The survey revealed the need for further instruction on using the databases and other library resources. Data was collected on purpose, topics, and usefulness of searches, assistance, and use of system features such as help screens and the online thesaurus. Concurrently, we are studying general information needs of nursing students and faculty. Planning and implications for further research are discussed.

Margaret Moore, Health Sciences Library, CB# 7585, UNC-CH, Chapel Hill, NC 27599-7585

ACCESS TO AUTOMATED ACADEMIC MEDICAL CENTER LIBRARY FROM NURSING STATIONS: A COOPERATIVE VENTURE. Jacqueline Picciano, Access Librarian, Cornell Medical Library, New York, NY.

The Patient Education/Family Health Committee of New York Hospital's Nursing Department must approve pamphlets used in educating patients. The need for patient education information is critical. Economic, legal and regulatory requirements force nurses to update teaching procedures and materials. Responding to these pressures, Cornell Medical Library decided to formalize its Patient Education File, fully cataloging approved pamphlets.

Physical access to libraries has always been a problem for nurses, interns and residents; therefore, remote access to the on-line catalog was investigated. A LAN was functioning; nurses could access the hospital's patient information system by computers at nursing stations. Cornell Medical Library was automated; therefore, a connection was established. Computers at nursing stations were connected to the Library's computer system (LIS).

Pamphlets do not circulate; copies must be physically available if the quality of patient teaching is questioned. A simple classification system makes filing and retrieving easy for the Circulation Staff. Call numbers may be written into nursing records, enabling the Medical Records Department to identify pamphlets without complete citations. Subject access is available on-line, and each record includes name and phone number of the Nursing Department which approved the pamphlet.

Librarians provided 15-minute instruction to nurses at each station, describing patient education files and policies, and introducing nurses to the public catalog and miniMEDLINE. Participants received in-service credits; this highly motivated attendance. The linkup which was made primarily to provide access to the Patient Education File provided access to all information in the public catalogs, including holdings, circulation status, and miniMEDLINE to all personnel at nursing stations, not just nurses. In-service sessions provided first exposure to miniMEDLINE for many nurses, which especially interested those taking CE and advanced educational courses. Written directions were left at each station, where residents and interns latched on to computer access in their immediate locations, and were distributed to medical students by Educational Services librarians during courses on use of the Library and its resources.

A HOSPITAL LIBRARY'S INVOLVEMENT IN RESEARCH PROJECTS OF PRACTICING NURSES. Ellen Proctor, Health Sciences Librarian, Health Sciences Library, VA Medical Center, Dayton, Ohio 45428

While the literature supports the academic library's involvement in bibliographic instruction for nursing students' involvement in research, little exists on the role of the hospital library in research done by practicing nurses. The way in which the Dayton (OH) VA Medical Center Library has become significantly involved in the research of its nurses is explained. The hospital's Nursing Research Committee sponsored a workshop series entitled "Strengthening Research Skills in Nursing." The series was designed for a limited number of beginning researchers and took place over a six-month period. Participants identified problems and then conducted a literature review. They each received hospital approval of their projects and then went on to collect and analyze data. Ultimately, reports were presented at the hospital-sponsored annual research seminar. The Health Sciences Librarian was a member of the program faculty, and contributed to the development of the workshop. She also provided documentation for a reference manual and taught part of the section on the literature review process. Additionally, each researcher scheduled appointments with her for individualized help. A very positive outcome was realized for all involved including increased and more efficient utilization of the library by nurses. The seminar led the library to further avenues of service including electronic mail access, night-duty orientations, and a monthly column in the nurses' newsletter. Ellen Proctor, Health Sciences Library, VA Medical Ctr., 4100 W. Third St., Dayton 45428

- 11 -

REACHING NURSES WITH THE LITERATURE: A PILOT STUDY AND ITS IMPLICATIONS

Christine M. Thinner, IAIMS Clinical Information Specialist and Vicki J. Killon, Information Services Librarian, Medical Center Information and Communications, University of Cincinnati, Cincinnati, Ohio
PURPOSE: Determine the ease of accessibility and usefulness of literature resources in clinical nursing practice. The pilot study introduced nurses to the Integrated Academic Information Management Systems (IAIMS) Clinician's Workstations, located in the Hospital's medicine wards, as an integrated approach to literature resources, online search requests and document delivery.
METHODS: An instructional intervention consisting of introductions to the Workstation and to the principles of online searching, was conducted during nursing unit, clinical nurse specialist and staff development in-services. The nurses received pocket-sized instructions, a "help" manual and telephone support. Pre- and post-tests were administered to the study participants and interviews were conducted.

CONCLUSIONS: Questionnaire results revealed that the respondents who considered access to nursing and medical journals from the hospital floor to be very important for patient care increased 21% during the pilot, however a number of other factors such as perceived lack of time and location of the workstations remain as obstacles. This study provides base-line data for the development and implementation of new approaches to online instruction for nurses, location and hours of availability of resources, insight into the value of IAIMS for nurses and insight into the planning effort needed to extend these types of services.

MIDWIVES INFORMATION AND RESOURCE SERVICE (MIDIRS): BORN TO DELIVER INFORMATION TO MIDWIVES.

Sharon S. Chadwick, Science Librarian, The Library, Humboldt State University, Arcata, CA 95521
MIDIRS was developed by midwives for midwives in 1984. MIDIRS is affiliated with the Institute of Child Health at the University of Bristol, England. Primarily an indexing/abstracting service, MIDIRS staff scan over 300 scholarly journals, consumer magazines and newspapers for information relevant to midwifery. Selected items are abstracted, critically evaluated or reprinted in information packs, the major product of MIDIRS. Items are also entered into the MIDIRS database, a unique database devoted to midwifery which includes more information than is published in the information packs. MIDIRS staff conducts fee-based online searches utilizing the MIDIRS database, MEDLINE on CD-ROM and DIALOG for midwives and midwifery students all over the world. The author participated in the MIDIRS volunteer librarian placement program in fall 1989 where she worked on all aspects of producing and marketing the database and information packs. Her experiences and MIDIRS services will be described. Midwifery is gaining acceptance in the United States as a viable alternative in childbirth. Therefore, nursing and allied health librarians should be aware of MIDIRS so that they can meet the information needs of this increasing segment of the health care field.

CHANGING ROLES FOR LIBRARIES IN THE NATIONAL INFORMATION INFRASTRUCTURE. Steve Cisler, Senior Scientist, Apple Library, Advanced Technology Group, Apple Computer, Inc., Cupertino, California B.A. Northwestern U. 1965, M.L.S. U. of California Berkeley 1973.

As the Internet expands into a high capacity National Research and Education Network, the participants will find their traditional roles overlapping, if not converging. Publishing, the making public of information, will be an activity open to more libraries, organizations, and individuals. Maintaining file servers on this network will be similar to maintaining a library open to a narrow or wide group of users. This presentation will examine some of these changes, as well as the bottlenecks that could slow down these developments: copyright, user resistance, regulations, and cost.

AN OVERVIEW OF COLLECTION ASSESSMENT TECHNIQUES. Daniel T. Richards, Collection Development Officer, National Library of Medicine, Bethesda, MD.

Collection assessment is generally defined as the process of measuring or determining the degree to which a library actually acquired the books, journals, and other materials it intended to acquire. This presentation focusses on collection assessment methods which can be employed in health sciences libraries, but also includes information on reasons for collection assessment, planning for collection assessment, and the conduct of collection assessment efforts at NLM.

Daniel T. Richards, Collection Development Officer, Mail Stop 13, National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894

EVALUATION OF A JOURNAL COLLECTION BY COST/BENEFIT ANALYSIS
Esther Carrigan, Manager of Technical Services
Naomi Fackler, Acquisitions and Collection Development Coordinator
Medical Sciences Library; Texas A&M Univ.; College Station, TX.

The purpose of this project was to determine whether application of a weighted formula to calculate a cost/benefit ratio for each journal title in the collection of the Medical Sciences Library, Texas A&M University would produce a list of titles that were possible candidates for cancellation.

A cost/benefit ratio (CB) was derived for each title. The actual subscription cost (SC) was divided by the total points of relative worth earned by a title. Relative worth (RW) was a weighted formula calculated by adding relevance factors (R), usage factors (U), and external availability factors (A).

$$\begin{aligned} \text{CB} &= \frac{\text{SC}}{\text{RW}} \\ \text{RW} &= \text{R} + \text{U} + \text{A} \end{aligned}$$

The result of this project was a list of journal titles ranked by cost/benefit ratio to reflect their value to the library. This technique could be used for cancellation of titles, as well as to evaluate the usefulness of a title to the library on an ongoing basis.

BIOMEDICAL JOURNAL TITLE CHANGES: REASONS, TRENDS AND IMPACT
Van B. Afes, Head, Technical Services, University of Miami School of Medicine, P.O. Box 016950, 1601 N.W. 10th Avenue, Miami, FL 33136;
Paul Wrynn, Acquisitions Librarian, New York University School of Medicine, New York, NY.

The study of why biomedical journals change title is motivated by the desire to sort out types of title changes and then to determine which are beneficial and which are not needed or may be detrimental. The study consists of 3 parts: a survey to determine effects on libraries, an analysis of changes from 2 different years, and the creation of a set of standardized practices for implementation.

The survey was sent to all academic health sciences libraries in the United States and Canada. The majority of respondents said that title changes cause workflow problems, and preferred notification with the first issue of the new title.

Actual title changes were reviewed for 1985 and 1989. The SERLINE database of NLM was selected to identify title changes within these 2 years. Examples of title changes are discussed and reasons reviewed.

The authors' goal is the creation of standards for title changes. First, they recommend a format to determine when a title change is needed. Second, when a title change is necessary, it should occur at the beginning of a year and/or volume. Finally, a set of practices for notification will be presented to publishers.

- 13a -

INTEGRATED LIBRARY SYSTEM DECISION AIDS FOR COLLECTION DEVELOPMENT. Loretta H. Stucki, Associate Director for Technical Services and Networking and Elizabeth A. Kelly, Associate Director for Access Services and Information Systems, Washington University School of Medicine Library and Biomedical Communications Center, St. Louis, Missouri.

In a time of rising journal costs and static budgets, increased attention is being paid to managing serial collections. A series of special reports, generated by an integrated library system, was designed to support collection development decisions. These reports incorporate three years experience in identifying applicable cost and usage statistics. This effort brought to our attention certain use and information data that were not being collected and led to changes in Library operations. It also identified reporting formats that facilitate the use of the collected information.

The reports identify titles to be considered for cancellation based on low usage and show the costs of each. They also provide information (e.g., where the title is indexed, where located) useful in evaluating the low usage items. Information is indexed by usage, subject category, and title, in order to facilitate different aspects of the decision making process. We describe these decision aids which have reduced personnel time required for data collection and analysis, and improved the quality of the collection management process.

Loretta H. Stucki, Associate Director for Technical Services & Networking, Washington University School of Medicine Library and Biomedical Communications Center, 660 South Euclid Avenue, St. Louis, Mo. 63110

VALIDATION OF SELECTIVITY: THE APPROVAL PLAN IN THE SMALLER HEALTH SCIENCES LIBRARY. Kathryn Hammell Carpenter, Bibliographer for the Health Sciences and Associate Professor, University of Illinois at Chicago, Chicago, Illinois

Approval plans have advantages that even the smaller health sciences library with limited discretionary funds will enjoy. Implementing an approval plan also presents risks to the library, such as a decrease in selectivity and an increase in costs. To design an approval profile that emphasizes the benefits and minimizes the hazards of these plans, the selector must have an accurate picture of the materials that the plan will gather according to its subject, publisher, and format parameters. Interest in adopting approval plans for the remote sites of the Library of the Health Sciences in Peoria, Rockford, and Urbana prompted a study comparing the effectiveness of proposed profiles to the results obtained with individual selection decisions. To conduct the study, the library's vendor ran the new profiles against the previous year's database; these titles were then searched against the library's holdings. The results obtained demonstrated a high percentage of matches, providing evidence that approval plans could obtain the same mix of materials that had previously been selected individually.

Address: University Library, M/C 234, University of Illinois at Chicago, Box 8198, Chicago, IL, 60680

ADVANCES IN EDUCATION FOR HEALTH SCIENCES LIBRARIANSHIP:
MEDICAL INFORMATICS Robert Wedgeworth, Dean,
School of Library Service, Columbia University in the City of New York.

The recent introduction to the School of Library Service curriculum of a short series of courses taught by Medical Informatics Faculty of the CU School of Medicine emphasizes an important area for the advancement of health sciences librarianship. This paper responds to questions regarding the nature of these courses, the characteristics of the students who selected them and how they can be integrated into the health sciences librarianship specialty. It also suggests exciting prospects for programs educating health sciences librarians to ensure the effective participation of their graduates in the future development of medical information management, especially in the context of the IAIMS projects.

Robert Wedgeworth, Dean, School of Library Service, Columbia University, 516 Butler Library, New York, NY 10027

IMAGE EMPOWERMENT: STRATEGIES FOR THE HEALTH SCIENCES LIBRARIAN
Kaycee Hale, Executive Director, Resource & Research Center, Fashion Institute of Design & Merchandising, Los Angeles, California.

In its recent report entitled WORKPLACE BASICS: THE SKILLS EMPLOYERS WANT the American Society for Training and Development (ASTD) identified 16 knowledge and skill areas critical for all employees. An analysis of the report indicated that efficiency (doing things right) is no longer enough; effectiveness (doing the right things) is as important, if not more so. The competency areas of (1) self esteem; (2) goal setting and motivation; (3) interpersonal skills; (4) speaking; (5) listening and (6) problem solving are six of the areas identified.

This session will include practical techniques that address each of those issues. Hale has designated "IMAGE" as follows: "I" = Improve your professional image. "M" = Magnify your assets. "A" = Accelerate your communications power. "G" = Grab some limelight. "E" = Empower yourself and others.

One's image is a signature--a personal and professional indicator of the most important message that can be communicated. Direct marketer Christopher Ryan reports on a study that shows a message must be heard eight times to be unforgettable. The strategies of this session will focus on how you can promote yourself and your profession effectively eight times every hour of your workday.

WEED IT AND REAP: THE DE-SELECTION PROCESS IN COLLECTION DEVELOPMENT. Mark E. Funk, Head, Collection Development, Medical Library, Cornell University Medical College, New York, NY, 10021-4896.

Weeding, or de-selection of library material, has been a neglected task in collection development, since it is both unglamorous and vastly under-appreciated. Yet weeding is vital for the continued health of a collection, and not only for space reasons. Weeding has been shown to increase the circulation of library materials, and also contributes to the speed and accuracy of retrieval. Obstacles to weeding include a present emphasis on reporting collection size; a misplaced believe in the sacredness of library collections; as well as work pressures faced by Technical Services departments. This presentation will focus on the why's of weeding; goals for weeding; creating weeding criteria; and the process of weeding. Both philosophical and practical aspects of weeding will be discussed. Advantages and disadvantages of subjective and objective weeding methods will be compared. Examples of weeding methods using data from automated circulation systems will be shown.

SERLINE - ACCESS TO SERIAL DATA FROM THE NATIONAL LIBRARY OF MEDICINE

Dianne McCutcheon, Assistant Head, Serial Records Section, National Library of Medicine

The National Library of Medicine makes data about its serial collection available in the online MEDLARS database, SERLINE. SERLINE is a database of over 75,000 records containing bibliographic, indexing and preservation data for titles owned by NLM as well as location data for major U.S. medical libraries.

This presentation will provide an in-depth description of the data available in SERLINE, various uses of the data and the relationship of SERLINE to CATLINE, NLM's authoritative cataloging file.

JURIED POSTER SESSION I

ABSTRACTS

INCREASING AWARENESS ABOUT COMPUTERIZED DATABASES AMONG RURAL WV HEALTH-CARE PROVIDERS Linda Jacknowitz, Project Director, West Virginia CONSULT, West Virginia University Health Sciences Center, Morgantown, WV.

In an effort to heighten consciousness about GRATEFUL MED and other computerized databases among West Virginia's rural health-care providers, 36 demonstrations of the NLM software were held at 33 sites between June 1989 and August 1990. The presentations, part of the WV Online Demonstration Study, a project of WV CONSULT, were conducted by a cadre of geographically dispersed librarians and library managers. Of the more than 400 health professionals who attended these sessions, 62% were physicians or medical students, the study's primary target group. A quasi-experimental pretest/posttest design was used. Two types of research questions were examined: Whether changes from the pretest to posttest were statistically significant; and whether there were statistically significant associations between variables within either survey. From survey results project evaluators concluded that the demonstrations had had some impact on behaviors and attitudes. GRATEFUL MED usage increased significantly after the demonstrations, as did the proportion of physicians who reported knowing how to access computerized databases. In addition a majority of attendees reported that the demonstrations had made them more aware of computerized database capabilities. Linda Jacknowitz, Project Director, WV CONSULT, WVU Health Sciences Center, Morgantown, WV 26506

The TRANSPORTABLE ELECTRONIC LIBRARY ENHANCEMENT - TELE PROJECT
Eve M. Ruff, Outreach Services Librarian and Neil Rambo, Associate Director, Pacific Northwest Regional Health Sciences Library Service (PNRHLS), Seattle, WA.

Two years ago, NLM funded a demonstration project at PNRHLS to provide consultation and training services in gaining access to health information in underserved or remote areas throughout Alaska, Idaho, Montana, Oregon, and Washington. The project has been extended several times and will be continued, not only in the Pacific Northwest, but throughout the country as part of all the regional medical library services.

The TELE Project is based on the idea that health care professionals, regardless of their location, need to have access to relevant information at the time and place it is needed in order to deliver quality health care. Through the training and follow-up services of the TELE Project, health professionals throughout the Pacific Northwest have been shown that distance need not limit access; that, with the use of electronic information systems, telecommunications networks, and sophisticated, easy to use software such as NLM's GRATEFUL MED[®] many of the barriers presented by long distances and few local resources can be eliminated.

The TELE Project has touched individuals and has directly affected the way some health professionals provide care. Many who have been served by the project comment that their knowledge of and ability to search the current clinical literature has enhanced their practice of medicine from remote and rural communities. Its effect can go beyond access to library services and information; this kind of program can have a positive effect on the recruitment and retention of health professionals in poorly served parts of the country, and, therefore, on the quality of health care in those areas. Eve M. Ruff, PNRHLS, University of Washington Libraries, SB-55, Seattle, WA 98195

- 16a -

WESTERN MARYLAND OUTREACH PILOT PROJECT: SERVICES TO UNAFFILIATED/
UNDERSERVED HEALTH PROFESSIONALS Kathleen Lese,
Learning Resource Services Coordinator, Western Maryland Area Health
Education Center, Cumberland, MD

The Western Maryland Outreach Pilot Project addresses the need to provide access to health information services to unaffiliated/underserved health professionals in a rural area. The project goal is to identify unaffiliated/underserved health professionals, to inform them of available information resources, and to provide the means to acquire needed information easily and economically. The project, funded by the National Library of Medicine through the Region 2 Southeastern/Atlantic Regional Medical Library Services, targets a tri-state area of northern Appalachia which includes western Maryland, southcentral Pennsylvania, and West Virginia. To identify unaffiliated/underserved health professionals, the project team developed a network to collect lists of organizations and association members for a database directory. The network helped to identify local resources and services, to inform health professionals of available resources, and to provide services to unaffiliated health professionals, educators, and students. "Information Awareness Presentations" and GRATEFUL MED demonstrations were offered to create an awareness of local health information resources and computerized technology. The project revealed a need to update current health information services, to support development of services in areas where little or none exist, and to gain cooperation from public, academic, and health science libraries. Kathleen Lese, Learning Resource Services Coordinator, Western Maryland Area Health Education Center, 11 Columbia Street, Cumberland, MD 21502

AN INTEGRATED WORKSTATION Chester J. Pletzke,
Director, Learning Resource Center, Uniformed Services University of
the Health Sciences, Bethesda, MD.

The multimedia Macintosh is featured as the Integrated workstation. From this workstation, you will be able to access the public catalog, CD-ROMs, bulletin board, University Computing Center, use various educational programs such as HyperPharm, Epi-Tutor. You will also be able to take a video tour of the Learning Resource Center which features animation, music, speech, graphics, and video using the Macromind Director Program. Chester J. Pletzke, Director, Learning Resource Center, Uniformed Services University of the Health Sciences, 4301 Jones Bridge Road, Bethesda, MD 20814-4799

IMPROVED SEARCH PROCESSING PROCEDURES USING AN MIS

Barbara McNamee, Director, Information Services, Beatriz Varman, Asst. Director, Online Services, Wes Browning, Online Services Librarian, Houston Academy of Medicine-Texas Medical Center Library, Houston, TX.

In December, 1988, work was begun to develop an MIS (Management Information System) to automate as well as streamline some client service procedures and to support decision making. A Search Request Module was designed to support the Information Services Department. This poster will demonstrate the impact the module has had on search processing from the point of performing the search interview through release and billing of the search. A flow chart will highlight some of the traditional manual system's 50+ separate steps and decision points. By way of comparison, a second flow chart will highlight the same procedure as handled by the Search Module. Included in the poster will be forms generated by the Search Module, professional and clerical input points and time expenditures, examples of client request trends that can be analyzed using the system and statistical reports which are possible to produce from data entered in the Search Module.

MICROCOMPUTER LABS AND HUMAN NETWORKS: VITAL CONNECTIONS

Gretchen Naisawald
Assistant Director for Public Services
The Claude Moore Health Sciences Library
University of Virginia Health Sciences Center
Charlottesville, VA 22908

The introduction of microcomputing into the health sciences curriculum has increased educational opportunities for faculty and students as well as opened new service programs for health sciences libraries through the management of microcomputer labs.

To ensure good communication between faculty, students and the Library, the School of Medicine appointed a committee at the UVA Health Sciences Center to provide a forum for information exchange, identification of priorities and group problem-solving in the area of educational computing. The committee is composed of the Associate Dean for Educational Programs, three School of Medicine faculty members (including an instructional design specialist) and two representatives from the Library.

The results of this formal collaboration have been beneficial to all concerned. These benefits include coordination of equipment and technical needs, the opportunity for early input regarding program scheduling, and most importantly, a unified voice when requesting support for future program directions and needs. This unified position was instrumental in obtaining over \$200,000 from the state of Virginia to purchase equipment for lab expansion.

MULTIPURPOSE MICRO-COMPUTER NETWORK: ORGANIZATION AND MANAGEMENT.

Merril K. Schindler, Assistant Director for Systems, Jean Sullivant, Head of Information Services, and Martin C. Eisenschmied, PC Coordinator, Mount Sinai School of Medicine of the City University of New York, New York, NY.

All Library micro-computing activities are centralized through a single, library-wide network. The system is easily managed and maintained and provides staff and patrons with simple, efficient access to a wide variety of databases, programs and functions.

All PCs use 3COM's 3+Share network operating system, with Optinet CD ROM network software running on the school-wide Ethernet network. Workstations can access CD ROM databases, applications software, medical education materials and testing programs. They can also access statistical programs on the institutional VAX computer or link to a mainframe at another university. Access to individual modems for online services is also available.

The system uses several "levels" of menus: staff menus access all functions of the network, while special PCs access only CD ROMS, news and information. Media Resource Center PCs emphasize applications software, statistical programs and medical education software. Access to actual data on the network is password-protected for security.

Since the system is controlled by a single network and menuing system, there is continuity in the "look and feel" of the system and trouble-shooting can be done effectively. The menu system collects statistics on all workstations and collates it by user and function, simplifying the data gathering process.

Merril K. Schindler, Levy Library, Box 1102, Mount Sinai Medical Center, 1 Gustave Levy Place, NY, NY 10029

THE FORTUNATE 500 - UNLIMITED ACCESS TO MEDLARS PILOT PROJECT

Janet G. Schnall, Information Services Librarian, and Terry Ann Jankowski, Information Retrieval & Management Librarian, Health Sciences Library & Information Center, University of Washington, Seattle, WA

In the fall of 1989 the University of Washington (UW) Health Sciences Library and Information Center (HSLIC) was selected by NLM as the first university to offer its faculty, staff and students unlimited access to all NLM's databases for a flat fee of \$100 per individual for one year. The purpose of the Unlimited Access to MEDLARS Pilot Project was to gather information about usage levels and search patterns to help NLM determine the feasibility of an online flat rate and an appropriate charge for unlimited annual access. NLM allocated 500 codes which HSLIC sold for personal use to UW faculty, staff and students on a first come, first served basis. HSLIC also served as a broker for Grateful Med.

The Pilot Project involved: marketing; sales of codes and Grateful Med; seminars such as Introduction to Grateful Med, Advanced Grateful Med, and the Basics of Searching MEDLINE; a weekly, drop-in Online Lab; an Unlimited Access to MEDLARS Users' Group; and individual consultations on online searching techniques and hardware problems.

A brief questionnaire was distributed in late August 1990 to determine how valuable the flat rate access to NLM's databases was to the participants. Survey results and HSLIC's experiences managing the Pilot Project are depicted here.

Janet G. Schnall, Information Services Librarian, Health Sciences Library and Information Center, University of Washington SB-55, Seattle, Washington 98195

LIBRARIAN'S ROLE IN PBL: IMPACT ON STUDENTS' MEDLINE SEARCH SKILLS Elizabeth K. Eaton, Elizabeth J. Richardson, Tufts University, Health Sciences Library, Boston, MA

Tufts University School of Medicine's preclinical curriculum includes a required PBL, Problem Based Learning course, a case method study course. The program aims to foster the development of various learning and communication skills and to offer students an opportunity to integrate basic science and clinical medicine. This course began in 1985. A faculty committee prepares clinical cases related to the curriculum. Students meet weekly with faculty facilitators in small groups of 7-10 students. Each group has a librarian liaison. The librarians' role in the PBL course is as follows:

- . To act as liaison to each small group
- . To represent the library on the PBL Program Committee
- . To facilitate development of library research skills
- . To conduct case related online search training
- . To conduct library segments of PBL facilitator training
- . To review the library section of the course evaluation
- . To orient first-year groups to available resources

Since the program began student participation has increased from 11% in the first year, 1986/87, to 62% in 1989/90. Student participation is measured by the number of students formally trained in MEDLINE searching and assigned a password. Data were kept over the last four years. The librarians' goal is that 100% of all students graduating from the Tufts Schools of Medicine, Veterinary, and Dentistry, and the Graduate School be trained in basic search skills. We are encouraged by the results of our involvement with the School of Medicine's PBL course. It is a model for us and others.

Elizabeth K. Eaton, Director, Health Sciences Library, Tufts University, 145 Harrison Ave, Boston, MA 02111

TO EACH HIS OWN: THE LAPTOP ALTERNATIVE FOR REFERENCE SERVICES Tracy Powell, Reference Librarian and Susan C. Speer, Audiovisuals and Informatics Librarian, Health Sciences Library, East Carolina University, Greenville, NC.

Although the Health Sciences Library occupies a relatively new building, office area for the Reference Department had become crowded. The main office, long and narrow, was shared by four librarians and a technician. The Head of Reference had an office. An additional office contained two IBM PCs which were shared by the librarians.

This arrangement offered little privacy or quiet work space. The IBM PCs were in constant demand for searching and for an increasing number of office applications. The severe lack of space and the increasing necessity for computer literacy and accessibility led to the purchase of a laptop computer for each reference librarian.

The use of laptops as desktop workstations made the search office available for office space, increased the efficiency of online search services and increased the overall efficiency, computer literacy, and professional status of the librarians. The laptops have become indispensable tools, accompanying the librarians to the Reference desk and beyond. We find that the laptops serve an additional function by increasing awareness of the library and its commitment to technology.

Tracy Powell, Health Sciences Library, East Carolina University, Greenville, NC 27858-4354.

LIBRARIANS AND END-USER SERVICES: A LONGITUDINAL STUDY.

Joanne G. Marshall, Faculty of Library and Information Science, University of Toronto.

This study examines the changing roles, attitudes and responsibilities of librarians based on membership surveys of the Canadian Health Libraries Association (CHLA) in 1985 (n=353) and 1989 (n=346)(response rate=85%). Increases in end-user services were as follows: informal consultation from 45% to 59%; handouts for end users from 24% to 32%; seminars for end users from 9% to 26%; access to an online terminal in the library from 8% to 13%; and access to CD-ROM from 0% to 20%. Substantial shifts in librarians' attitudes towards end users were evident. In 1989, 16% more of the librarians agreed that it was advantageous from the library's point of view for end users to do their own searches. Respondents in 1989 were less likely to see end-user searching as a fad that would quickly disappear and more likely to see end-user services as an extension of mediated search service. In 1989, 12% more of the respondents agreed that libraries had a responsibility to train and support end users. While 25% of the librarians saw end-user searching as a threat to the status of the intermediary in 1985, only 15% had this concern in 1989. In 1985, 50% of the librarians thought that end-user searching would increase staff workload; in 1989 this increased to 59%. Experience with end users has made librarians more positive about the provision of end-user services, but more aware of the time and effort needed to provide them.

Joanne G. Marshall, Faculty of Library and Information Science, University of Toronto, 140 St. George Street, Toronto, Ontario, Canada M5S 1A1.

HYPertext-BASED TUTORIAL FOR TEACHING END-USER SEARCHING

Y. Kathy Kwan, Assistant Medical Librarian, and Virginia I. Cook, Director, Hollis Health Sciences Library, Winthrop-University Hospital, Mineola, NY.

A computerized tutorial for miniMEDLINE¹ authored in Hypercard² is used in a hospital library. The purposes of the tutorial are, first, to provide instructional help in using miniMEDLINE regardless of the availability of library staff; second, to assess the acceptability of a computerized reference tool among patrons. The tutorial shows the users how to formulate search strategy, implement the search and obtain results from the system. The tutorial is placed near the miniMEDLINE terminals in the library and patrons are encouraged to use it before searching. An opinion survey from a sample of 10 randomly selected patrons and observation of patrons' response were performed. Results have been used as a guide to modify the design of the tutorial and as a base to build other aspects of reference work in the future.

¹ miniMEDLINE is a trademark of Georgetown University Medical Center
² Hypercard is a trademark of Apple Computer, Inc.

Y. Kathy Kwan, Assistant Medical Librarian, Hollis Health Sciences Library, Winthrop-University Hospital, First Street, Mineola, NY 11501

SELECTING INFORMATION MANAGEMENT SOFTWARE FOR HEALTH SCIENCES LIBRARIES Inhye Kim Son, Consultation Services Coordinator, Jonquil D. Feldman, Consultation Services Coordinator, and Anne Wood Humphries, Head Reference Librarian, The Claude Moore Health Sciences Library, Box 234, University of Virginia Health Sciences Center, Charlottesville, Va 22908.

The Consultation Services Coordinators at the Claude Moore Health Sciences Library (CMHSL) of the University of Virginia selected six bibliographic information management software packages available on the market and compared them using specific criteria important for satisfying the requirements of health sciences professionals. The packages investigated were Bookends, Notebook II, Pro-Cite, Reference Manager, AskSam and Library Master. Using the selection criteria, specific features of each program were investigated for their application to health sciences professionals and a summary report was generated.

The analysis showed that no one software package is superior to all others in every aspect important to satisfy requirements of health sciences library users. Since new and upgraded information management software products come out each year, it is necessary to perform a similar evaluation periodically to provide the user with the most up-to-date information on current software versions. Library professionals also have a role in providing suggestions to software vendors regarding desirable features and user requirements for health sciences library applications.

THE DEVELOPMENT OF A FACULTY PUBLICATIONS DATABASE AT THE UNIVERSITY OF CINCINNATI MEDICAL CENTER Doris Haag, Library Systems Research and Development Librarian; Stephena Harmony, Manager of Information Services; Birsen Kaya, MCIC Network Administrator; Angela Myatt, Clinical Medical Librarian; Terry Wells, Assistant MCIC Network Administrator, Medical Center Information and Communications, University of Cincinnati, Cincinnati, Ohio 45267.

There is a growing need by health care administrators, faculty and staff to identify the publication and research efforts within their institutions and to correlate these contributions to their organizational missions and research agendas. In response to this need, the Medical Center Information and Communications Department of the University of Cincinnati has developed a prototype faculty publications database. Potentially, this database will contain citations to all of the publications produced by the University of Cincinnati Medical Center (UCMC) as well as index terms identifying "focus areas." These focus areas serve to categorize the research and publications efforts into one or more of several institutionally defined areas of concentration and excellence (ex. cancer research and care). The developmental process included a needs assessment; investigation, comparison and utilization of several data sources; software and hardware selection; programming efforts and system evaluation. The result is a Faculty Publications Database, available medical center-wide, based upon data from Sci-Search, augmented by information from departmental records, and utilizing BRS-Search software and Digital Equipment Corporation (DEC) hardware. Doris Haag, Library Systems Research & Development, Health Sciences Library, Univ. of Cincinnati, 231 Bethesda Ave., Cincinnati, OH 45267

PLANNING FOR THE FUTURE: DEVELOPMENT AND STRATEGY FOR THE FRIENDS OF LIS (FLIS)

Virginia Bowden, Library Director; Charles Sargent, Project Director; Susan Beck, Cataloger; and Pat Hawthorne, Administrative Projects Librarian; The University of Texas Health Science Center, San Antonio, Texas.

The Friends of LIS (FLIS) is the users' group of the integrated online library system which was developed by the Dahlgren Memorial Library of the Georgetown University Medical Center. FLIS members include the 25 medical libraries using LIS. FLIS formally organized in 1986 to:

- represent joint interests of users to LIS management;
- discuss options for equitable financing of LIS developments;
- explore future directions and planning for the growth of LIS;
- insure the continued quality of the LIS modules; and
- insure the continuous dialog between and among LIS users and LIS management.

In 1990, The University of Texas Health Science Center at San Antonio (UTHSCSA) Library received a National Library of Medicine grant to provide a model of system planning and development for automated library systems. A major aspect of the grant is the development of a strategic plan which builds upon the mutual experiences and cooperation of FLIS libraries to more efficiently utilize scarce resources.

FACULTY PUBLICATIONS: PROBLEMS AND INSTITUTIONAL UTILITY

Bonnie M. Seelig, Section Head, Reference, and George Gehrig, Senior Reference Librarian, Louisiana State University Medical Center Library, Shreveport, LA.

The Medical Library has assumed the responsibility of compilation and editorial supervision of a collective bibliography so that the volume and type of research conducted during the preceding year by the faculty is made available to the Medical Center community. Citations are collected from the following sources throughout the year: faculty submissions, Institute for Scientific Information, and the National Library of Medicine. All the faculty members are notified of approaching deadlines and guidelines for submission through memos, the LSU Medical Center News, and the Library Bulletin. Once a first draft is produced, copies are sent to contributing faculty members for proofreading. Problems encountered and addressed include: ensuring that every faculty member who publishes is represented, confirming faculty status, and verifying the accuracy of citations. To make the process more efficient and the product more useful, a questionnaire has been distributed to publishing faculty members in the institution. This group has been queried as to preference regarding internal arrangement of the publication and the introduction of charts and graphs representing objective measurements of publication quality. Preferences will be analyzed with the objective of increasing the institutional utility of the publication.

Bonnie M. Seelig, Section Head, Reference, Louisiana State University Medical Center Library, P.O. Box 33932, Shreveport, LA 71130

CREATING AND USING A FACULTY INTERESTS DATABASE WITH NUTPLUS - Martha Earl, Reference Librarian, and Leslie Adebonojo, Special Projects Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Johnson City, TN

Librarians at East Tennessee State University, College of Medicine Library created a database to select materials and notify faculty of new acquisitions by faculty subject interest. All 120 full-time College of Medicine faculty members received survey forms asking for the following data: name, department, telephone number, societal memberships, classes taught, clinical/research interests, journals received, and continuing education interests. Librarians added MeSH headings appropriate to the interests listed on the 86 completed forms, created a database on Nutplus, and entered data. Library staff routinely checked newly acquired book and audiovisual titles by querying related subjects from the database. They sent notification cards to faculty members matched by the database. In addition, constricted by a reduced budget for collection development, librarians used the database to select new titles certain to interest faculty. Annually librarians updated the information by mailing out new copies of the survey form and making appropriate changes to the database records. A follow-up survey of faculty who had received notification cards revealed appreciation for the service and an enhanced public image for the library. Martha Earl, Reference Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Box 23,290A, Johnson City, TN 37614

USING A DATABASE PROGRAM TO MANAGE THE ACQUISITION OF CANCELED STANDING ORDERS - Martha L. McLean, Technical Services Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Johnson City, TN

When the James H. Quillen Medical Library experienced a significant decrease in the collection development budget, librarians canceled all standing orders for reference books. They needed to devise a way to keep these essential materials up-to-date on a rotating-year basis. Librarians prioritized the titles, giving each one a number from one to five. Titles given a rating of one were recommended for purchase every year. Titles given a rating of two would be purchased every other year. Ratings of three, four and five followed the same pattern.

Technical Services staff then devised a system for tracking acquisitions. They used a database management program to set up records for each of the canceled titles. Every record contains eight searchable fields: call number, title, price, publication date of latest edition owned, month ordered, frequency of purchase, notes and total cost.

By using a combination of fields, librarians can determine which reference books should be purchased at any given time. The database promotes even apportionment of purchases throughout the year. If the cost of the titles scheduled for purchase during any month totals more than the budget allows, a list of titles is printed for the librarians to evaluate. Titles eliminated for that month are re-coded for later purchase. Use of the database has transformed difficult decision-making into a manageable process. Martha L. McLean, Technical Services Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Box 23,290A, Johnson City, TN 37614

AN AUDIOVISUAL COLLECTION DEVELOPMENT DATABASE - Martha L. McLean, Technical Services Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Johnson City, TN

All media librarians receive mountains of promotional materials from audiovisual and microcomputer software producers and distributors. Some pile it in boxes in a corner. Others file it away alphabetically by the producer/distributor's name. For collection development purposes, librarians need subject access.

The Media Librarian at the James H. Quillen College of Medicine Library solved this problem by developing a computerized file using a database management program. The file currently contains records for over 600 companies that produce or distribute health sciences audio-visuals and educational software. Searchable fields include: name, address, city, state, zip code, phone number, toll-free phone number, last date material was received, available formats and health sciences subjects covered. Staff developed an in-house authority list which contains 122 broad MeSH headings.

This tool has been invaluable in identifying and locating materials for preview and possible purchase. The Media Librarian also uses it annually to request updated catalogs and to weed out producers that have gone out of business. The system is simple to use. Student workers input data an average of two hours per week to maintain the currency of the file.

Martha L. McLean, Technical Services Librarian, James H. Quillen College of Medicine Library, East Tennessee State University, Box 23,290A, Johnson City, TN 37614-0002

MLGSCA MEMBERSHIP DATABASE: DEVELOPMENT AND IMPLEMENTATION

Carlene Bogle, Life Sciences Reference Librarian, Cal Poly, Pomona, CA; Janis Brown, Associate Director, Educational Resources, Norris Medical Library, Los Angeles, CA; Alice Karasick, Acquisitions/Serials Librarian, Norris Medical Library, Los Angeles, CA; Margaret Wineburgh-Freed, Head, Bibliographic Management Section, Norris Medical Library, Los Angeles, CA.

The Medical Library Group of Southern California and Arizona is a chapter of MLA with over 350 members. After many years of maintaining a membership card file, MLGSCA decided to convert to an automated system. The automation Committee and the Membership committee developed a system. The major steps included: (1) identifying needs, (2) establishing criteria, (3) developing the database, and (4) implementing the system. After considering commercial software available at that time, the committees decided to develop a customized system. The program development was fairly straightforward. However, the implementation phase was more complex than anticipated.

For the past three years, MLGSCA has been using this system successfully for membership functions, such as printing renewal forms, reports, and mailing labels and producing the annual directory. It is a much improved system to the manual one, but there are many issues for other organizations to consider before deciding to develop their own system.

Carlene Bogle, Life Sciences Reference Librarian, California State Polytechnic University-Pomona, University Library, 3801 W. Temple Ave., Pomona, CA 91768

ELECTRONIC PERSPECTIVES: A HYPERCARD-BASED ELECTRONIC MEETING PROGRAM GUIDE. Nancy E. Condit, Head of Cataloging Services, Dave Piper, Head of Microcomputer Services, and Jeanette C. McCray, Associate Director, Arizona Health Sciences Center Library, The University of Arizona, Tucson, AZ.

Electronic Perspectives is an electronic meeting guide created for the 1991 Joint Meeting of the Medical Library Groups of Southern California and Arizona (MLGSCA) and Northern California and Nevada (NCNMLG). Written with HyperCard 2.0 for the Macintosh, *Electronic Perspectives* provides meeting attendees with the opportunity to explore the program content, find out who's attending and doing what, locate specific vendors in the exhibits area, choose a restaurant by type of food, price, or proximity, and find out about local attractions in Scottsdale, AZ where the meeting was held. Program content can be explored by keyword, by session format (contributed papers, poster session, etc.), or by examining the daily schedule. After identifying an event, a simple mouse click can instantly connect the user to the abstract, a hotel floor plan with the meeting room highlighted, or additional data about the speaker.

Electronic Perspectives will be available for viewing. A summary of users' reactions to the guide and our experience in creating it will also be a part of the presentation. Jeanette McCray, Arizona Health Sciences Center Library, The University of Arizona, 1501 N. Campbell Avenue, Tucson, AZ 85724. Email: mccray@rvax.ccit.arizona.edu.

AETNA LIFE & CASUALTY'S MEDIS SYSTEM Frances T. Bernstein, Administrator and Deborah Beauvais, Clinical Medical Librarian, Aetna Life & Casualty Co., Medical Management Library, Hartford, CT

Health insurance carriers in the United States have an intense and ongoing interest in the new techniques, drugs, equipment and procedures used by health care professionals. Many of these new technologies are quite complex and expensive, and issues of safety, efficacy, indications and feasibility must be examined. These new technologies, which represent a nonstandard or atypical method of care, are most often the kind of coverage questions raised by health insurance personnel.

Aetna Life & Casualty recognized the need to evaluate new technologies and then to assure consistent and efficient decision making of these coverage issues by Claim personnel throughout the Company. Therefore, in late 1988, Aetna began development of MEDIS (MEDical Information System), a Personal Computer (PC) online system to record the technology assessments made by Aetna health professionals.

MEDIS runs on an IBM compatible PC using a software program known as "Textbank." The program is managed in the Home Office in Middletown, CT, with 40 Field Office (FO) sites throughout the United States. The system currently has 220 records with expectations to reach 300 by the end of 1991. Access is by free text searching. Each record has uniform fields including a) date of entry, b) abstract of the literature, c) reference list from which the abstract was derived, and d) recommendation of medical appropriateness. MEDIS is reviewed and updated monthly using diskettes sent to each FO site. Frances T. Bernstein, Administrator, Aetna Life & Casualty Co., Medical Management Library, 151 Farmington Ave., MCA3, Hartford, CT 06156

DIAL ACCESS: CME VIA STATE-OF-THE-ART TELECOMMUNICATIONS - SERVING THE TEACHABLE MOMENTS OF PHYSICIANS Mona Fisher, Coordinator of Multi-Media Programs, Southern Medical Association (SMA), Birmingham, AL

SMA's poster is a graphic presentation of a unique, national medical information service via the latest in telecommunications and audiotext systems. DIAL ACCESS has served more than 265,000 practicing physicians over the US since the program's inception; now state-of-the-art automation has made the more than 800 audiotapes in 11 specialties more accessible than ever. The 24-hour-a-day, 365 days-a-year program provides practicing physicians with toll-free, immediate and concise answers to diagnosis and treatment issues. Each DIAL ACCESS section editor is preeminent in his or her field, and serves on the faculty of a leading medical school or research institution. Each manuscript is prepared by an expert in that specialty. Promotion of DIAL ACCESS to health professionals offers medical librarians and learning resource centers opportunities for interaction with continuing medical educators while serving the teachable moments of physicians. The poster presents the DIAL ACCESS purpose, that of enhancing quality patient care, its structure, utilization and evaluation data, and supports its value as a service and educational resource for physicians. A review of an ongoing pilot program for hospital/institutional subscription to DIAL ACCESS will present preliminary results. Mona Fisher, Coordinator of Multi-Media Programs, Southern Medical Association, 35 Lakeshore Dr., Birmingham, AL 35209

WORKSAFE IOWA INFORMATION NETWORK (WIIN): ELECTRONIC BULLETIN BOARDS IN THE HEALTH SCIENCES Jacqueline Snider, Information Specialist, Institute of Agricultural Medicine and Occupational Health, University of Iowa, Oakdale Campus, Iowa City, IA.

The Institute of Agricultural Medicine and Occupational Health at the University of Iowa initiated several grant-funded programs to provide occupational health and safety information and services to physicians, hospital staff, and farm families. The Institute's Information Resource Center (IRC) designed an electronic bulletin board, using the software The Bread Board System (TBBS), to connect program participants with one another.

Initially, WIIN included nine hospitals that participated in the WORKSAFE IOWA Occupational Medicine Associates Network. The hospitals provide services to industry in their areas, and often require information on topics such as pesticide toxicity, OSHA standards, ergonomics, and carpal tunnel syndrome. By logging onto WIIN, associates can request computer searches, articles and books from the IRC's unique collection; send messages to each other; and check the updated calendar of events and a monthly bibliography. The Resource Center's Information Specialist acts as WIIN's systems operator (SYSOP), and a systems analyst provides maintenance as needed. Almost 100 subscribers participate.

TBBS has the flexibility to provide additional bulletin boards to accommodate the growing number of Institute sponsored programs and centers. Passwords restrict users to certain bulletin boards.

Using photographs, graphics, and sample bulletin board menus, this poster session illustrates the effectiveness of electronic bulletin boards in fostering communication among users.

BUILDING BLOCKS FOR ADDING CD-ROM TO A LIBRARY NETWORK.
John C. Sanderlin, Director, Library Information Systems,
Susan E. Woods, Program Development Librarian, Janet M.
Coggan, Information Specialist, University of Florida
Health Science Center Library, Box J-206, Gainesville,
Florida 32610.

Our goal was to add a CD-ROM network to an existing Library Novell network. The network had to 1) support multiple integrated workstations 2) offer affordable access to MEDLINE and 3) require a minimum of skill to implement. MEDLINE access was the cornerstone service, but network objectives addressed the broader requirements of medical informatics applications and training. These included: 1) delivery of dataprocessing services, including conventional PC applications; 2) delivery of affordable multi-user database access services through multiple channels (Medical Informatics Laboratory, telephone, campus backbone); and 3) development of training programs. Funding was secured from the Health Science Center. Implementation was in three stages: 1) on-site access in the Medical Informatics Laboratory 2) remote access through telephone lines and 3) access through the Library network. We conclude: 1) networked CD-ROM runs faster than a stand-alone CD-ROM 2) 17 concurrent sessions can run without significant degradation of performance and 3) the most critical element is the speed of the microprocessor of the individual search station not the speed of the CD server.

BECOME AN MLA AUTHOR: THE BOOK AND MONOGRAPH PUBLICATION PROGRAM

Nancy K. Roderer, Columbia University Health Sciences Library, New York, NY, and other Books Panel Members

Sponsored by the MLA Books Panel, the principal goal of this presentation is to familiarize members with the MLA book and monograph publication program. Members are encouraged to submit ideas for publications and to consider participating as authors.

The display outlines the program, including the initial identification of ideas and authors; the proposal, review, and publication processes; and the roles of the Books Panel, the Managing Editor of Books, the MLA publisher, and MLA headquarters.

Previously-published books and monographs are highlighted. A special feature of the poster session is the opportunity to speak with past and present MLA authors.

THE "GRAND OLD LADIES": AN INTRODUCTION TO 3 LEADERS OF THE MEDICAL LIBRARY ASSOCIATION BY THE ORAL HISTORY COMMITTEE
Billie Broaddus, Cincinnati Medical Heritage Center, University of Cincinnati, Cincinnati, OH and Dorothy Whitcomb, Historical Collection, Middleton Library, University of Wisconsin, Madison WI.

The Oral History Committee has collected about 45 oral histories of leaders of MLA to form an archive of historical information about the development of our organization. About half have been published. The Committee is continuing to publish and to collect histories. Many MLA members do not know anything about our earlier Presidents and do not know the oral histories are available for research. We aim to stimulate interest in this resource, and in our poster will introduce 3 of our most attractive and influential leaders to the members of MLA. We have used the biographies of Janet Doe, Gertrude Annan, and Mary Louise Marshall in their oral histories, to show why they are important to MLA. Pictures from the Bulletin of the Medical Library Association and from their institutions illustrate the poster. Short excerpts from the tapes allow us to hear some of their stories in their own voices. A selection of other oral histories are on display, with information about the completed histories and how they can be borrowed.

Billie Broaddus, Curator of the Cincinnati Medical Heritage Center, University of Cincinnati, Cincinnati, OH 45267-0574

CD-ROM ACCESS CONTROL USING DBASE III PLUS

Fred Van Driel, Computer Services Technician; Angella Lambrou, Computer Services Librarian; Health Sciences Library, McGill University, 3655 Drummond St., Montréal, Québec, CANADA H3G 1Y6. (514) 398-4756.

Who is using what and for how long? That is the question all libraries want answered about CD-ROM. This set of programmes, written in dBase III Plus, provides password-controlled access to CD-ROMs or any other programmes on the computer.

It is based on individual names and passwords, controlling on a user basis what programmes are accessible. The programme also compiles statistics by person and by CD-ROM. The statistics provide the hours and number of times that each CD-ROM is used. Using previously entered information about each user, the programme can also provide statistics by department or status.

JURIED POSTER SESSION II

ABSTRACTS

CONSUMER HEALTH INFORMATION IN THE U.K.

Robert Gann, Director, The Help for Health Trust, Winchester, U.K.

Information services for health care consumers in the UK have until recently been much less well developed than those in the USA. But over the last two or three years there has been a flowering of activity. In part this has been prompted by a growing consumerism in society, and a greater questioning of the capabilities of technological medicine to produce further real improvements in the health of the population. In the UK these trends have been underlined by the far reaching government reforms of the National Health Service which seek to introduce market forces to the NHS and to promote wider consumer choice. The reforms provide many challenges and opportunities for consumer health information services: without information there can be no choice. The presentation will show different types of UK consumer health information services, in libraries, health promotion departments and non-government organisations. The growing maturity of the information specialism is demonstrated by the development of new bibliographic and directory databases, and a new concern with quality and networking.

Robert Gann, Director, The Help for Health Trust, Highcroft Cottage, Romsey Road, Winchester SO22 5DH, United Kingdom.

ONLINE SOURCES FOR CONSUMER AND PATIENT HEALTH INFORMATION.

Glenda Mendina, Reference Librarian, Health Science Library, University of Tennessee-Memphis, Memphis, Tennessee.

Requests from consumers or patients for medical and health information often create frustrations for the medical librarian and the requestor because of the difficulty in locating appropriate material. The material in medical libraries is primarily intended for the medical professional and is usually not appropriate for the layperson. Sources written specifically for the layperson, if available, may be too general or may lack authority.

There are on-line databases available today that can assist in providing medical and health information for consumers, patients, or health professionals involved in patient education. The *Health Periodicals Database*, *Combined Health Information Database*, *Consumer Drug Information Full Text*, and *Consumer Reports* can assist medical librarians by identifying sources of free or inexpensive material, by indexing material available at many public or academic libraries, or by providing material to be used as an introduction to the professional medical literature. General information about each database is presented along with sample searches illustrating different uses.

Glenda Mendina, Reference Librarian, UT Memphis, 877 Madison Avenue, Memphis, TN 38163

A COMPARISON OF HEALTH AND LEGAL INFORMATION SERVICES IN PUBLIC LIBRARIES. Joanne G. Marshall, Faculty of Library & Information Science, University of Toronto; Patricia Dewdney, School of Library & Information Science, University of Western Ontario; and Muta Tamiyu, School of Library & Information Science, University of Western Ontario.

While consumer movements have led to increased demand for health and legal information, public librarians often report difficulties in providing this information because of the specialized nature of the subjects and the need to avoid infringing on the domains of medicine and law. Data from two recent surveys of reference librarians providing health and legal information services in public libraries in Ontario, Canada were compared. Respondents to the health study (n=75) and the legal study (n=77) estimated that health and legal questions each accounted for about 8% of total reference requests. In both studies, librarians frequently experienced problems with the reference interview and with collection adequacy. Three significant differences were found: librarians providing legal information reported more difficulty in using the sources and tools; librarians providing legal information were also more unsure of whether they had provided the correct answer; and librarians providing health information reported a higher incidence of items missing from the collection. Differences in the nature of public library collections in these subject areas may explain some of these differences.

Joanne G. Marshall, Faculty of Library & Information Science, University of Toronto, 140 St George Street, Toronto, ON, Canada M5S 1A1

CHIP: A CONSUMER HEALTH INFORMATION PROJECT OF NORTHEAST MISSOURI Lawrence W. Onsager, Library Director, Kirksville College of Osteopathic Medicine, Kirksville, MO 63501; Marilyn Prosser, Adair Co. Public Library, Kirksville; and Margaret J. Michael, Ph.D, Northeast Missouri Area Health Education Center.

On July 1, 1990, 25 public libraries in isolated, rural northeast Missouri received a \$140,000 LSCA Title I grant from the Missouri State Library. The project goal was to provide consumer health information in 27 counties of northeast Missouri. Each library received a basic collection of medical reference texts and consumer health information materials. Four public libraries in the area serve as resource centers for their neighboring public libraries.

CHIP was developed cooperatively by the Adair County Public Library director, the Kirksville College of Osteopathic Medicine library director, and the Northeast Missouri Area Health Education Center (NEMO AHEC) director. The project is the first step in implementing Health Information Partners (HIP) of northeast Missouri. The purpose of HIP is to provide health information to both the health professionals and lay public of northeast Missouri.

HIP will be a network of public, academic, and medical libraries in the 27 counties that comprise the area of the NEMO AHEC. Because health information resources are almost nonexistent in this rural AHEC area, the decision was made to develop a multitype library network with public libraries as the primary information sites.

EMPOWERING PEOPLE TO MAKE HEALTH PROTECTIVE DECISIONS: The Options & Choices Experience. Karyn L. Pomerantz, MLS, Options & Choices, N. Bethesda, Maryland.

Consumers of health and medical information face a myriad of information sources that often present conflicting & confusing data. In this period of health cost containment, the consumer may also face pressures from HMO gatekeepers, insurance companies, or fee-for-service providers.

Teaching consumers to understand information & to make health protective decisions independent of provider or insurer bias is crucial. Options & Choices is a health education company that helps people make such decisions by providing information & emotional support. Medical librarians help select and digest information that allows people to make a risk/benefit analysis. Master's prepared nurses teach clients how to understand their conditions & their options for diagnosis, treatment & coping. They give clients information that is unbiased and non-prescriptive; usable and understandable; and comparative.

Options & Choices has demonstrated improved health outcomes. After one year's experience with an Options & Choices maternity education program, VBAC rates increased and premature birth rates decreased.

Karyn L. Pomerantz, Information Service, Options & Choices, 11136 Cedarwood Dr, N. Bethesda, MD 20852.

COMPACT LIBRARY DESIGN: THE FUTURE IN HOSPITAL LIBRARY RENOVATION
Christine L. Bell, Dir. Lib. Serv., Newton-Wellesley Hospital, 2014 Wash. St., Newton, Ma. 02162

In late 1987 the Newton-Wellesley Hospital (a 351 bed regional teaching hosp.) embarked on a \$42 million project to upgrade its facilities. When completed in early 1991, nearly every dept. of the hosp. will have been relocated.

The Library was formally est. in 1945 as an interdisciplinary Lib. serving the needs of many user groups. The Library was displaced during this project due to the constr. of a conf. & teach. ctr. The former Lib. was 3600 sq.ft. & was last refurbished in 1972.

Models for the space needs of a hosp. lib. are well documented & are useful in the planning process. However, the reality of a renovation Library plan, especially when only a part of a large project, is that compromise will prevail in order to compete for size, location & funds.

NWH's reality was that in order to remain in a centralized, clinical location the Library size needed to be adjusted to 2350 sq.ft. Knowing that a nearly 30% reduction in space would have great impact on collections, services and users, the interior designers/space planners were instructed to work closely with the Library Director to make max. use of the space & to recreate a comfortable and historical flavor in the new facility. This was accomplished with the choice and arrangement of stacks, storage, work-stations, study areas and decor.

PUBLIC MEDICAL LIBRARY IN A SHOPPING CENTER Mary Beth Train, Librarian, The Health Library, Stanford Shopping Center, Palo Alto, CA

The Health Library, sponsored by Stanford University Hospital and co-funded by Stanford Shopping Center and local medical care providers, is a special library open to the public. The library is an information center containing information on medical conditions and health in books, clippings, videos, and periodicals for the general public. Physicians, as well as hospital and public libraries are referring patrons in increasing numbers.

Through informal co-operative arrangements with Lane Medical Library at Stanford University Hospital and with Palo Alto City Library, books are exchanged and reviewed. The San Mateo County Library System donates its monthly book review deck, with ordering information for that library system. These arrangements are the result of marketing efforts by the library staff and its advisory board and content review committee.

Mary Beth Train, The Health Library, 248 Stanford Shopping Center, Palo Alto, CA 94394

A DECADE OF CONSUMER HEALTH INFORMATION

Martha M. Studaker, Director and Nancy J. Winslow, Public Service Librarian, Hamady Health Sciences Library, Hurley Medical Center, Flint, MI.

In May 1980, Hurley Medical Center's Medical Library opened a separate, free, Consumer Health Information Library (CHIL); the first in Michigan and one of the few in the country. Four CETA support staff and a professional librarian were hired. Fifteen hundred books for circulation, selected Reference texts and 50,000 free pamphlets on 200 subjects were acquired. CHIL was open to the community. Local students were allowed access for school papers and projects. Within a year, the local euphoria was replaced by the realities of the crisis in health care costs across the nation. Since 1982, CHIL has been relocated twice. By 1987, access was by appointment only; the professional position lost, and marketing ended. For the last move, the collection was re-evaluated to fit available space. Downsizing of staff and collection narrowed the focus of service to information for specific health problems and eliminated student access. CHIL is now located in the Medical Library Conference Room and information requests are filled as Medical Library priorities permit, usually within a week. What began as an open-ended community resource for health information has evolved into an intensely focused resource with a commitment to serve the Flint community.

Martha Studaker, Director, Hamady Health Sciences Library, Hurley Medical Center, One Hurley Plaza, Flint, MI 48502

STRATEGY FOR SURVIVAL: DIVERSIFYING THE SERVICES OF A SPECIALTY HOSPITAL LIBRARY Barbara P. Casini, Director of Educational Resources, Moss Rehabilitation Hospital, Philadelphia, PA 19141.

How does the library of a 142-bed specialty hospital ensure its future in these days of limited reimbursement? As the hospital has changed in response to market conditions and its own strategic plan, the library has also changed. It now targets its services to many specialized user groups within the institution, covering information needs in areas such as the health sciences, management and administration, planning, marketing, business information, research methods, patient education, and disabled consumer self-help. The library's merger into the Department of Educational Resources makes it better able to integrate its services into educational activities directed towards hospital programs. As funding from the hospital's general budget has contracted, the library has been able to negotiate support from other sources, such as research funds and special projects. Attention to changes of focus outlined in the institution's strategic plan, representation on key hospital committees and some retooling of staff skills have been crucial to this survival plan.

JOURNAL SPONSORSHIP PROGRAM - A THREE YEAR PROJECT Kathleen O. Rainey Associate Librarian, University of California, Davis Medical Center Library, Sacramento, CA and Dorothy A. Thurmond, Medical Librarian, Guttman Library and Information Center, Sacramento-El Dorado Medical Society, Sacramento, CA.

The Guttman Library and Information Center of the Sacramento-El Dorado Medical Society began a journal sponsorship campaign in 1988. Because of increased costs for journals, additional funds were needed to avoid cancellations of some valued and needed titles. Letters were sent to 1500 physician members asking for donations to cover the yearly subscription and binding costs of their favorite journals. All donations were acknowledged in the Medical Society's magazine Sacramento Medicine and a poster was displayed in the library listing all donor names and sponsored titles. In addition, a shelf label showing the donor's name and title was placed on the shelf beneath the journal. Bookplates with the donors' names were placed in each bound volume.

The program is now in its third year. The number of sponsored journals and donations have increased as shown:
1988 received \$4817.00 with 44 journals sponsored.
1989 received \$6538.00 with 58 journals sponsored.
1990 received \$9980.00 with 81 journals sponsored.

All sponsored journals were current library subscriptions. These sponsorships alleviated the burden of the rising costs of journal subscriptions and allowed for their continued purchase. In addition, the donors were able to take a tax deduction as a charitable donation. Kathleen O. Rainey, Associate Librarian, University of California, Davis, Medical Center Library 4301 X St. Rm 1005 Sacramento, CA 95817

EFFECTS OF DOWNSIZING ON RESOURCE SHARING: THE MASSACHUSETTS RESPONSE

Anita B. Loscalzo, Deborah Almquist, Christine L. Bell, Sandra R. Clevesy, Lynne Silvers, Carol J. Foxman, and Florence S. Mercer, Massachusetts Health Sciences Library Network (MaHSLiN) Ad Hoc Committee on Downsizing.

MaHSLiN has been a resource sharing network with few or no fees charged and few restrictions for interlibrary loans to participants in the MaHSLiN Union List of Serials. Budget cuts and downsizing affect resource sharing patterns and the availability of reciprocal interlibrary loans. As services and entire libraries are eliminated, increased demands will be made upon the remaining libraries by underserved and unaffiliated patrons and institutions.

To guide its members, the MaHSLiN "Guidelines for Provision of Services to Unaffiliated Patrons" and "Suggested Fees for Services to Unaffiliated Patrons" were distributed in January, 1990. Libraries were encouraged to charge unaffiliated libraries and patrons for services in order to: protect the resources of their library; protect their primary patrons' access to information; and let their administrators, other institutions, and unaffiliated patrons know that a cost is incurred in the provision of services.

A survey of MaHSLiN members was undertaken to determine the degree to which downsizing has occurred and its effects on in-house services and resource sharing patterns. Anita B. Loscalzo, Cardiology Research, Brigham & Women's Hospital, Thorn 11, 75 Francis Street, Boston, MA 02115

CONSORTIUM PROMOTION: IDEAS FOR PUBLICIZING YOUR LIBRARY GROUP
Ellen R. Cooper, Serials & Acquisitions Librarian, University of Tennessee Health Science Library, Memphis, TN.

Many librarians have developed activity plans for publicizing their library to potential users within their institution. These marketing techniques are useful for promoting single libraries to a targeted group of users, but it may also be desirable to promote a group of libraries to the general community. Cities or regions that have a library council or consortia are in a position to publicize and improve the image of libraries and librarians in their area. The promotion methods that are successful for individual libraries may not answer the needs for these groups. This poster describes three promotion ideas that have been successfully tried in Memphis, and may be adapted for use by other library groups: Librarian of the Year award, Libraries for Literacy run, and public TV pledge drive participation.

Ellen R. Cooper, Serials & Acquisitions Librarian, University of Tennessee Health Science Library, 877 Madison Avenue, Memphis, TN 38163.

REVITALIZING CONSORTIA/LOCAL GROUPS IN REGION 3

Kim Goldman, Greater Midwest Regional Medical Library Network, Chicago, IL; Jeanne Gittings, United Medical Center, Moline, IL; and Annelie Sober, Miller-Dawn Medical Center, Duluth, MN.

The Greater Midwest Regional Medical Library Network (GMRMLN) is one of eight regions established by the National Library of Medicine (NLM) to provide health professionals throughout the country with equal and timely access to health related information. As part of its mission, GMRMLN encourages the development and maintenance of consortia of health science libraries to foster the sharing of resources in order to improve the level of information access available to health professionals.

Consortia (also known as local groups) in Region 3 face a number of challenges, including library closings, cutbacks, and a diminishing membership. The GMRMLN Consortia/Local Groups Committee has developed a series of two workshops designed to motivate member librarians to revitalize their consortia by investigating innovative projects and alternative funding, as well as interacting with other consortium/local group members to seek solutions to common concerns. The first workshop coincided with the introduction of NLM's new Resource Grants Program, which was featured in both workshops.

AN INTEGRATED LIBRARY SYSTEM AND ONLINE UNION CATALOG FOR A STATEWIDE HEALTH SCIENCES LIBRARY CONSORTIUM

Joan M. Marcotte, Assistant Director for Technical Services, and Joan M. Stoddart, Assistant Director for Public Services, Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City, UT

The Spencer S. Eccles Health Sciences Library and the Utah Health Sciences Library Consortium are working together to produce an online union catalog of their book and audiovisual holdings and to provide consortium member libraries access to the full capabilities of the LS/2000 integrated library system. This project is unique in its extension of an existing integrated library system to consortium members, in its flexible approach to the needs of each member library and in its internal source of funding (i.e., the Eccles Library and the Consortium). Two hospital libraries will use the system as a complete integrated library system (cataloging, circulation, overdues, interlibrary loan, journal check-in and electronic mail). Several will use the system as their online catalog but will continue to circulate materials and check journals in manually. Others will use the system as an online union catalog only, accessing the database as needed for interlibrary loan purposes. As a result of this project, Utah health care professionals will be able to search a single online source for information on books and audiovisuals available in the collections of the Spencer S. Eccles Health Sciences Library and eight Utah hospital libraries. Access to these collections will be available to all authorized users of consortium member libraries via the consortium library card program. This poster session will present information on the policy decisions, procedures, profile changes, training and costs involved in this project and will provide an opportunity for attendees to view and search this online catalog. Joan M. Marcotte, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112.

INCORRECT CITATIONS IN LIBRARY LITERATURE Sue Benning, Circulation Librarian and Susan C. Speer, Audiovisuals and Informatics Librarian, Health Sciences Library, East Carolina University, Greenville, NC.

The problem of incorrect citations in journal articles has often been reported in medical and science literature. A search of library literature reveals that librarians frequently report their frustration in trying to help clients find these incomplete and incorrect references. However, the literature does not reveal a study investigating whether librarians, as authors, editors and publishers, are more accurate in citing their references than others.

We began a study to determine the accuracy of references in library literature. The last issue for 1989 of Bulletin of the Medical Library Association, Library Trends, and Library Resources and Technical Services were chosen. References and bibliographies for all articles were photocopied, cut apart, and searched for accuracy. A total of 1259 citations were included. Preliminary results indicate that librarians are more accurate. The final results will be compared with the findings in medical and science literature; editorial policies of the 3 titles included will be examined for possible causes for the better accuracy. Susan C. Speer, Health Sciences Library, East Carolina University, Greenville, NC, 27858-4354.

FRAUD IN SCIENTIFIC PUBLISHING: MESSAGES DELIVERED

Mary D. Scheetz, MLS, Manager, Publication Services, Department of Pediatric Otolaryngology, Children's Hospital of Pittsburgh, Pittsburgh, PA 15213

Because the advancement of science is based on trust in research, it is imperative that scientific publications reflect a high level of confidence. Any perception of widespread fakery undermines the trust in others' work and thereby allows unsupported findings to surface and pose possible detrimental effects. Nevertheless, despite the continued attention paid by the academic and popular presses towards fraud in scientific publishing, research on the topic is scarce. In order to better understand fraud in scientific publishing and the role it plays, an analysis of the literature (n=100) pertaining to fraud in scientific publications was undertaken. Using the content analysis methodology, the author presents a study of the published literature addressing this issue by examining the types of messages being delivered to the scientific community (specifically to young scientists interested in a publishing career). It is hypothesized that though a plethora of individual cases being investigated exist, there is a dearth of information regarding the reasons why scientists are publishing fraudulent work. In order to best serve their clients, librarians in the academic/research setting need to understand the volatile messages being delivered in the literature and engage in a more instrumental role in guiding future scientists who are embarking on their publishing careers. With the support of this data, the author will address ways in which librarians, as information researchers and disseminators, are able to provide much needed guidance to young scientists pursuing a career in publishing.

ANIMAL RIGHTS ACTIVITIES AND IMPLICATIONS FOR BIOMEDICAL RESEARCH, PUBLISHING AND THE HEALTH SCIENCES LIBRARY Mary Moore, M.A., Associate Director for Education and JoAnn Van Schaik, M.L.S., Assistant Director for Teaching & Learning Resources, Library of the Health Sciences, Texas Tech University Health Sciences Center, Lubbock, TX 79430

Actions by animal rights groups in the United States are beginning to affect the scope and pace of biomedical research. Biomedical publishing and health sciences libraries will inevitably bear some of the costs. The costs to research will include costs due to:

1. legislation requiring increased supervision and regulatory procedures in laboratories. These include the cost of time lost to researchers who must file increased paperwork, and defend their research to the government and to the public.
2. increased security at research laboratories.
3. legislation forcing laboratories to purchase animals from commercial providers instead of animal shelters.

The impact on publishing and the biomedical library could include:

1. Fewer publishable results due to increased costs of research.
2. Additional costs of security and animal research. This leads to less money available in the institution, and increased competition for funds.
3. Additional security measures which lead to increased difficulties for patrons attempting to access the library.
4. Possible damage to the facilities or materials of libraries which house animal research documents or audiovisual programs.
5. Possible damage to the credibility of libraries which unwittingly acquire distorted materials produced by animal rights activists.
6. Conflicts with the Library Bill of Rights when libraries restrict access to animal rights materials as a precautionary measure.

THE HSLC HEALTHNETSM COLLECTION DEVELOPMENT DATABASE
John Barr, Technical Services Consultant, Health Sciences Libraries Consortium, Philadelphia, PA.

The HSLC Collection Development Database provides a common database of journal titles under consideration for purchase, weeding or cancellation by libraries within the Consortium. The Database is a combination electronic "bulletin board" and data collection tool which allows members to input and comment upon titles under consideration for action, prior to making final decisions. The Database can be searched by title and ISSN, and browsed by input date. New titles can be added, and comments attached to titles already in the database. The Database provides an organized, yet flexible method for joint journal collection decisions without imposing a formal or restrictive methodology for decision-making. The Database is accessible through HSLC HealthNET, the Consortium's electronic information network that includes Members' online public access catalogs, as well as databases such as MEDLINE. Demonstrations of HSLC HealthNET are available at Island F in the exhibit area.

John R. Barr, Technical Services Consultant, Health Sciences Libraries Consortium, University City Science Center, 3600 Market Street, Suite 550, Philadelphia, PA 19104-2646

USING AN ONLINE INTERLIBRARY LOAN SYSTEM AS AN AID TO COOPERATIVE JOURNAL COLLECTION DEVELOPMENT Kathryn P. Ray, Interlibrary Loan Supervisor, Washington University School of Medicine Library and Biomedical Communications Center and Candace W. Thayer, Director, St. Mary's Health Center.

Until recent years, cooperative journal collection development involved formal arrangements between libraries agreeing to purchase specific titles and/or subject areas. With most libraries' budgets unable to keep pace with increasing subscription rates, this practice is no longer feasible. The St. Louis Medical Librarians, founding members of the PHILNET online interlibrary loan network, understand cooperative collection development differently from the traditional definition - the concept has evolved into cooperative deselection.

Many libraries depend on others both locally and regionally in fulfilling their missions and find it necessary to make deselection decisions based on regional ownership and user demands. Interlibrary loan is often the only way a library can support the journal needs of its clientele. The St. Louis Medical Librarians have implemented a plan to support journal collection decisions using existing technology and data collected from PHILNET and PHILSOM, the serials database upon which PHILNET is based. Reports from PHILNET and PHILSOM are used to identify uniquely held titles and loan request loads for titles under consideration for cancellation.

Kathryn P. Ray, Interlibrary Loan Supervisor, Washington University School of Medicine Library and Biomedical Communications Center, 660 S. Euclid Ave., St. Louis, MO 63110

THE USE OF NEWSLETTERS FOR COMMUNICATING LIBRARY INFORMATION
Anne Carroll Bunting, Head, Technical Services and Frances Verble, Cataloger, Health Sciences Library, Dept. of Health Informatics, University of Tennessee, Memphis, Memphis, TN.

As a result of budget restraints and administrative restructuring, the Health Sciences Library of the University of Tennessee, Memphis, ceased publication of its newsletter and began to contribute to a new departmental newsletter. Since this publication was to include only news, the library faculty had to choose the best way to communicate other information such as acquisitions, new databases and donor lists. To determine other libraries' methods of communication, the authors surveyed 116 academic health sciences libraries in all NLM regions.

83 libraries answered questions about their newsletters, piggy-backing in other institutional newsletters, and acquisitions lists, as well as content, frequency, funding, distribution and media. Many included useful comments on other methods of communication.

Of these 83 libraries, 80% have separate library newsletters, and 60% include general library information such as new services, policy changes, and hours in other institutional publications. Acquisitions are still promoted through new book shelves and paper book lists. Some libraries feel the local online catalog suffices. Libraries may need to assess the cost/benefit of previous communication methods. The information received could help chart a new course for library communications.

Anne Carroll Bunting, Head, Technical Services, Health Sciences Library, University of Tennessee, Memphis, 877 Madison Ave., Room 250, Memphis, TN 38163 (901) 528-5635

THOSE DREADED WORDS: "IT'S AT THE BINDERY!"

Barbara A. Carlson, Head, Serials Management and Robert K. Poyer, Coordinator of Public Services, Medical University of South Carolina, Charleston, SC.

Immediate access to the current journal literature is essential to researchers and clinicians working at the cutting edge of the biomedical sciences. When journal volumes are at the bindery, they are inaccessible and contribute to user-frustration. At the Medical University of South Carolina there is speculation that efficient binding processing may be contributing to journal inaccessibility. A study is in progress to determine a binding schedule that will better accommodate the needs of users.

Twenty five biochemical and molecular biology journals were systematically selected for study. Nature, Science, Cell, JBC, PNAS, BBA, BBRC, and DNA are included in the sample. Internal use and circulation data for issues received January 1, 1989 through June 30, 1989 were collected for 6 months from the date of receipt. Because use may result from index coverage, the timing and availability of print and computerized forms of Current Contents, CCOD, CC Search, Science Citation Index, SCI Search, Index Medicus, and MEDLINE were tracked for each issue.

Use patterns and time lag between receipt of a journal and its coverage by indexing services will be presented. Implications for making adjustments to the automated binding schedule will be discussed.

OSTEOPATHIC MEDICAL SCHOOL LIBRARIES: A Survey Craig S. Elam, Assoc. Director for Technical Services, Health Sciences Library, Texas College of Osteopathic Medicine, Fort Worth, TX, Lawrence W. Onsager, Director, A.T. Still Memorial Library, Kirksville College of Osteopathic Medicine, Kirksville, MO, and Sharon Eckert, Technical Services Coordinator, Jack S. Ketchum Library, University of New England, Biddeford, ME.

Osteopathic medical school libraries provide information services to a rapidly growing segment of the medical profession. There are currently 15 osteopathic medical schools in the U.S., 9 of which were established after 1973. These schools add 1,700 graduates annually to the 31,000 D.O.'s already in practice. Information on the libraries in these osteopathic medical schools is scattered, incomplete, and outdated. As a result, a survey was conducted to determine their current status. Although osteopathic libraries have been invited to submit data for the Annual Statistics of Medical School Libraries in the U.S. and Canada since 1987, not all have chosen to do so. Consequently, data extracted from the 1989/90 Annual Statistics was supplemented by a questionnaire to those osteopathic libraries not represented. Questions from the Annual Statistics were selected to provide data on facilities, clientele, collections, funding, staffing, and services. Questions were also included to determine why they did not submit data for inclusion in the Annual Statistics. The survey results are presented, along with descriptive information on each of the osteopathic medical schools.

Craig S. Elam, Assoc. Dir. for Tech. Serv., Health Sci. Library, Texas College of Osteopathic Medicine, 3500 Camp Bowie Blvd., Fort Worth, TX 76107

SUBJECT ANALYSIS FOR COLLECTION ENHANCEMENT: THE FIELD OF BIOETHICS. Elizabeth A. Cooley, Collection Development Librarian, Claude Moore Health Sciences Library, University of Virginia, Charlottesville, VA.

A three-step methodology was developed to evaluate the bioethics collection of the University of Virginia's Claude Moore Health Sciences Library. This model can be used in evaluating interdisciplinary subject areas. Our analysis consisted of determining what should be owned as noted by authoritative sources; secondly, what is owned within the existing collection; and lastly, what has been published in the field. To begin the procedure, an authoritative list from the National Reference Center for Bioethics Literature at the Kennedy Institute of Ethics, Georgetown University was acquired to determine what basic resources in the field should be added to the collection, if not already owned by the library. Due to the interdisciplinary nature of bioethics literature, the list was checked against other libraries' catalogs within the University of Virginia system to compare their holdings, these included the Law and Main campuses' libraries. Next, the subject was searched against the libraries' online catalog system, LIS (Library Information System), to determine what was owned within the collection. The last procedure consisted of executing a CATLINE search from 1987 to the present to see what current items were not presently owned by the library. It covered foreign, as well as, English language materials to help with the analysis of the current research topics worldwide in the field of bioethics. The three researched areas were then evaluated and compared to determine what should be purchased to update and enhance the library's collection on Bioethics.

DESIGNING A FUNCTIONAL REFERENCE DESK: PLANNING TO COMPLETION

Anne Wood Humphries, Head Reference Librarian, The Claude Moore Health Sciences Library, Box 234, University of Virginia Health Sciences Center, Charlottesville, Virginia 22908

The Claude Moore Health Sciences Library of the University of Virginia installed a new Reference Desk in the central area of the main floor of the library in order to improve the visibility of the desk and to make workflow and service patterns more efficient. Both counter-height and desk-height surfaces were incorporated into the desk design to accommodate various types of interactions.

Steps in the process from planning to completion included: 1) a literature review was conducted on reference desk design; 2) a business furniture designer was consulted for advice on configuration and cost; 3) a proposal, projected budget, and project time line were submitted to library administration; 4) University physical plant, material handling, electrician, and computing departments were contacted to establish work orders; 5) library staff was informed of the plan and time frame; 6) the new Reference Desk opened for service.

Unanticipated problems occurred during installation, but were satisfactorily resolved. The resulting desk design is quite functional and accomplishes the library's objective to make service encounters more efficient and professional.

LIBRARY RESOURCES FOR NURSING: AN ORGANIZATIONAL APPROACH
ICLRN Members, c/o President ICLRN, Library, NYSNA, 2113 Western
Avenue, Guilderland, NY.

In 1960 the Interagency on Library Resources for Nursing was
founded as an interdisciplinary group of nurses and librarians.
Volunteer members saw the need to advance the cause of improving
nurses access to and utilization of the vast array of existing
information resources for the profession. This project shows the
development of the organization and the increased involvement of all
major nursing and library groups in ICLRN. The project shows past
projects and ongoing publications of the organization.
Warren G. Hawkes, President, ICLRN, c/o Library, New York State
Nurses Association, 2113 Western Avenue, Guilderland, NY 12084

BRIDGING THE GAP: NURSES AND THE LIBRARY

Margaret A. Prasek, Reference Librarian and Jean Sullivant, Head of
Information Services, Gustave L. and Janet W. Levy Library, Mt. Sinai
Medical Center, New York, NY.

Over the last few years there has been an increased awareness by the
nursing profession of the importance of information and information tech-
nology in all aspects of the nursing practice. Several approaches have been
used by the Mt. Sinai Medical Center Library in order to encourage library use.
The Reference Department periodically holds classes intended to introduce
nurses to the Library and teach some of the rudiments of the search process.
A brochure for nurses covers general information concerning Library
procedures, the collections, the Media Resource Center and computer
literature searching options.

The Media Resource Center works with Mt. Sinai's nurse-educators to
maintain up-to-date nursing AVs for general use and to fulfill JCAHO
requirements. An updated nursing mediagraphy is maintained. CINAHL is
available as an option through the CD-ROM stations. The Archives Depart-
ment collects nursing records and serves as an information resource for
publications, nursing history studies, and legal matters. As part of the annual
Nursing Library Event, the Nursing Department mounts an exhibit in con-
junction with the Library to display the latest research and papers from the
nursing staff. The Library has issued a questionnaire to ascertain how the
Library can meet the future needs of our nurses.

Margaret A. Prasek, Reference Librarian, Gustave L. and Janet W. Levy
Library, Box 1102, Mt. Sinai Medical Center, 1 Gustave L. Levy Place, New
York, NY 10029

INTEGRATING STRATEGIC PLANNING WITH STAFF DEVELOPMENT
Suzy Conway, Assistant Director for Information Services,
Grace Miller Roth, Assistant Director for Access Services, and
Chrissy Sullivan, Reference Librarian, St. Louis University
Medical Center Library, St. Louis, MO.

This poster session illustrates the creation of a
comprehensive staff development program centered around the
Library's strategic plan and based on the plan's mission
statement, values statements and goals. The 3 categories of
adult learning -- knowledge, skills and attitudes -- logically
and conceptually relate back to the 3 parts of the plan. A
department wide educational needs survey assessed areas for
potential development and education as perceived by library
managers. A staff development committee was formed to implement
this information into a workable plan. The area of communication
skills/customer relations was rated as the top staff development
priority by managers. Committee members postulated that good
customer relations were often a result and by-product of a high
level of self-awareness and team spirit; the content and
sequence of the program are based on this concept. A 4 phase
development plan was undertaken. Consultants from outside the
library were engaged to present workshops on the Meyer-Briggs
Type Indicator (self-awareness phase); the Margerison-McCann
Team Management Index (teambuilding phase); and customer
relations. Skills training, undertaken primarily by library
staff but utilizing outside experience and programs where
appropriate, comprised the final program and is ongoing.

RESOURCES FOR LIBRARY RESEARCH Min-Lin Emily Fang, Assistant
Reference Librarian/Assistant Professor, University of Illinois at
Chicago, Library of the Health Sciences and MLA's Library Research
Section, Research Resources Committee.

MLA's strategic plan, Goal III states that "MLA is dedicated to
improving health care through professional excellence and leadership
in research in health information science." To achieve this goal the
Library Research Section is committed to training health sciences
librarians to conduct valid, well-designed, and meritorious research
projects. The Research Resources committee was set up to assist MLA
members in their search for resources during the research process.

The Committee members have compiled the Research Bibliography,
the Research Projects Database, and the Research Mentors List. The
Research Bibliography provides information sources on a variety of
research methods which could be applied in library related research.
The Research Projects Database provides information on projects in
progress. It lists the investigator, a description of the project in
progress, completion date, and methodology. The Research Mentors List
provides information on individuals serving as research consultants
for MLA members in the geographic area designated.

Copies of the Bibliography, the Database, and the List will be
distributed at the poster session. The session will be an opportunity
for those interested in conducting research to identify others working
on similar projects. And the session will stimulate and support
research interest among MLA members.

CONTRIBUTED PAPERS

ABSTRACTS

THE INDEX MEDICUS™ PRICE STUDY AS A TOOL FOR COLLECTION ANALYSIS
Lynn M. Fortney, Biomedical Division Marketing Manager, EBSCO
Subscription Services, Birmingham, AL, and Victor A. Basile,
University Librarian, University of Medicine and Dentistry of New
Jersey, Newark, NJ.

Because most health sciences libraries do not apply subject
classification systems to journals, collection analysis is difficult.
In 1990, EBSCO undertook a thorough subject analysis of titles in the
health sciences. We developed a list of 113 subject headings, based on
those used in the NLM's List of Journals Indexed for Index Medicus, and
assigned one subject heading to each of the 2,929 journals indexed by
Index Medicus in 1989.

With this information, EBSCO produced for the University of
Medicine and Dentistry of New Jersey (UMDNJ) Libraries a customized
subject report of all Index Medicus titles, with the UMDNJ titles
designated by an asterisk. This report also included information on
the total cost for each subject at 100% collection strength, the
average price per title in each subject area, the total number of
titles within each subject area, the number of titles purchased by
UMDNJ within each subject area, and the percentage subscribed to within
each subject. The customized collection analysis reports generated as
a result of the work done for the Index Medicus Price Study allowed the
libraries of UMDNJ to maximize resource sharing by eliminating
duplication and applying the money saved to bring several subject areas
up to the "research" level.

Lynn M. Fortney, Biomedical Division Marketing Manager, EBSCO
Subscription Services, P.O. Box 1943, Birmingham, AL 35201

DEVELOPING A DOCLINE NETWORK AMONG HEALTH SCIENCES, ACADEMIC
AND COMMUNITY COLLEGE LIBRARIES THROUGHOUT THE ENTIRE STATE
OF NEVADA
Laurie A. Potter, Medical Reference Librarian,
and Joan S. Zenan, Director, Savitt Medical Library, University
of Nevada School of Medicine, Reno, NV.

The broad scope of biomedical information dictates that most
libraries cannot meet patron demand for information only from
their inhouse collection. Consequently, not only do academic
health sciences libraries, hospital and special libraries request
biomedical information through interlibrary loan, but non-health
libraries as well. In Nevada, with its small population spread
out over a large geographic area, it is critical to develop a
statewide network for sharing biomedical information. As the
resource library for the state of Nevada, the Savitt Medical
Library started a campaign to establish a network via DOCLINE of
all libraries that have health related collections. The process
of convincing academic and community college libraries to join
DOCLINE as well as the eventual benefits of improved resource
sharing and cooperative collection development are discussed
in this paper.

Laurie A. Potter, Savitt Medical Library, University of Nevada
School of Medicine, Reno, NV. 89557-0046

COMPARATIVE COLLECTION ANALYSIS FOR IMPROVED
RESOURCE SHARING
Beth M. Paskoff, Assistant Professor, School of
Library and Information Science, Louisiana State University, Baton Rouge, LA.

Librarians are expected to know and understand their collections, but often
are able to provide little information beyond the number of volumes in the
collection. Cooperative collection development demands a thorough
knowledge of the strengths and weaknesses of the individual collections, and
resource sharing is most productive when the scope of the lending library is
well known.

This paper will explain a shelflist sampling methodology that has been used
in studies of more than 20 academic libraries, and 4 hospital libraries. A
stratified random sample of the shelflist is analyzed to provide a detailed
description of the collection according to age and language of publication,
percentage of duplication, and distribution of serials, monographs, and non-
print formats in each subject division of the collection. The resulting profile
provides a multi-dimensional, quantified description of the collection that is not
influenced by subjective evaluation.

Cooperating libraries using this methodology will know the precise
foundation for their collaboration. Comparative profiles for several libraries
will be presented. The management applications by individual health sciences
libraries will be discussed, as well as the implications for cooperative collection
development and resource sharing.

Beth M. Paskoff, School of Library and Information Science, Louisiana State
University, Baton Rouge, LA 70803.

THE IMPACT OF CD-ROM AT THE HENRY FORD HEALTH SYSTEM

Nardina L. Nameth, Director of Library Services, Henry Ford Hospital,
Detroit, Michigan and Valerie L. Reid, Associate Librarian, Henry Ford
Hospital, Detroit, Michigan.

A CD-ROM computer with Medline on Silver Platter was installed near
the Reference Desk of the Henry Ford Health System Sladen Library in
February 1989. The computer is designated as a public access Medline
computer, for sole use by the library users, on a first-come, first-
served basis.

The impact of this system is measured using three methods:

- 1) Statistics were used to compare the usage of the CD-ROM
terminal with the librarian-mediated literature searches
during the same time period.
- 2) The librarians and library staff were queried for their
impressions of the CD-ROM system and its effect on the
overall reference service. Specific aspects investigated
were: the amount and level of instruction required by the
library users, the impact on their workload, and the type of
problems encountered by the library users with the system.
- 3) The library users were surveyed to determine the level of
user satisfaction with the system, as well as the quality
and quantity of relevant information retrieved.

A summary of these findings will be presented to demonstrate the
statistical relationships between end-user searching and the literature
searching and instructional workload of the Sladen Library reference
service.

Nardina L. Nameth, Director of Library Services, Henry Ford Hospital,
Sladen Library, 2799 West Grand Boulevard, Detroit, Michigan 48202

IMPACT OF HEALTH PROFESSIONALS ONLINE SEARCHING Chester J. Pletzke,
Director, Learning Resource Center, Uniformed Services University of
the Health Sciences, Bethesda, MD.

If every health professional wants to do their own searching, how
come our mediated searching is doubling in 1990, 1991. Yes, we do
have CD-ROMs with Medline, etc. What are the reasons for this
increase? The Learning Resource Center has been collecting
information from the end-user informally and the results show several
reasons: The health professional has; 1) gotten over the immediate
I've got the computer and can do everything syndrome, 2) realizes
their capability is limited, 3) has had the rude shock of having a
paper or presentation rejected because they missed some relevant
material, 4) found that their time was limited, 5) learned that the
structure of the database is more than they can handle. What is the
outlook for the future? Our response to this question is based on
the feedback of the end-user and the perspective of the technological
developments.

Chester J. Pletzke, Director, Learning Resource Center, Uniformed
Services University of the Health Sciences, 4301 Jones Bridge Road,
Bethesda, MD 20814-4799

CHARACTERISTICS OF LIBRARIES WILLING TO SERVE THE UNAFFILIATED HEALTH
PROFESSIONAL Jean P. Shipman, Coordinator, and Faith A. Meakin,
Executive Director, Regional Medical Library Services, Health Sciences
Library, University of Maryland at Baltimore, Baltimore, MD.

The NLM Board of Regents Outreach Planning Panel report entitled
Improving Health Professionals' Access to Information: Challenges and
Opportunities for the National Library of Medicine states "the goal of
a newly energized RML Program is to bring biomedical information
resources similar to those available in the best academic medical
centers within easy reach of health professionals, especially those in
rural areas and inner cities currently without easy direct access".
What common characteristics, if any, exist for libraries/information
centers of the RML Network that are willing to serve these unaffiliated
or underserved health professionals?

Using the information provided by Region 2 libraries/information
centers in response to the RML Network Membership Registry survey con-
ducted last Spring, we examined the characteristics of library/infor-
mation centers that indicated a willingness to provide such services.
Characteristics examined included the types of library/information
centers willing to serve, their geographic locations, the size of their
collections, the kinds of technology available, the types of services
they offer as well as the staffing levels present.

Although this study represents just one region's data, similar
analyses can be done using the other six RMLS registries to determine
if our sample is representative of the entire United States.

Jean P. Shipman, SE/A RMLS, Health Sciences Library, UMAB, 111 South
Greene Street, Baltimore, MD 21201

-
338
-

MEASURING LIBRARY STAFF TIME IN HELPING HEALTH PROFESSIONALS USE
A MEDLINE CD-ROM PRODUCT Laurie A. Potter, Medical Reference
Librarian, Savitt Medical Library, University of Nevada School of
Medicine, Reno, NV.

In the many articles written on end-user online searching
via CD-ROM, training is frequently mentioned as one of the
issues to consider when adding this new dimension to reference
service. Many authors stress that it is important to realize
that staff time in helping patrons with searching on any type of
automated system will have a major impact on the reference
department. The Savitt Medical Library staff conducted a study
to measure how long it takes to train patrons to use our
BiblioMed CD-ROM product. We used the "self-recording work-
sampling method". Although the results from our study showed
that CD-ROM assistance does not take longer than the average
reference question, we realized that we do need more staff
scheduled at the reference desk. Due to the unique characteristics
of CD-ROM assistance (and not the fact that it takes a long time
to help someone get started on their topic) a staff member needs
to be designated to provide help when needed.

Laurie A. Potter, Medical Reference Librarian, Savitt Medical
Library, University of Nevada School of Medicine, Reno, Nevada
89557-0046

FLAT RATE MEDLINE ACCESS AND UNAFFILIATED HEALTH PROFESSIONALS IN
SOUTH TEXAS Virginia M. Bowden, Library Director, Briscoe

Library, University of Texas Health Science Center at San Antonio; Janna
Lawrence, Online Services Coordinator, Briscoe Library; Evelyn Olivier,
Assistant Director for Administration, Briscoe Library; and Rajia Tobia,
Assistant Director for Public Services, Briscoe Library

In order to increase end-user access to MEDLINE, the Briscoe Library
of the University of Texas Health Science Center at San Antonio (UTHSCSA)
became a test site for the National Library of Medicine's "\$100 flat rate
password" program which allowed unlimited searching of the NLM data
bases for a fixed fee for twelve months. All persons in the fifty counties of
South Texas as well as persons affiliated with UTHSCSA were eligible to
purchase these passwords. Five counties were targeted, including Bexar
County where the UTHSCSA is located and four counties in the Lower Rio
Grande Valley area on the Texas-Mexico border.

Subscribers to flat-rate passwords were encouraged to purchase
Grateful Med in order to simplify searching. Subscribers were offered
several purchase packages which included the password, Grateful Med, and
various instructional options. The results of the project were gratifying
although the goal of selling 300 passwords was not met. Most password
purchasers were affiliated with the UTHSCSA; forty-four of the physicians
surveyed in South Texas had not heard of MEDLINE. Informal training
sessions were much better attended than were four-hour courses with CME
credit. The various strategies of Briscoe Library staff to market the
passwords will be discussed.

Virginia M. Bowden, Library Director, Briscoe Library, University of Texas
Health Science Center, 7703 Floyd Curl Drive, San Antonio, TX 78284-7940

USING GRATEFUL MED ON BITNET TO ACCESS NLM DATABASES
Richard K. C. Hsieh, Dr. P.H., Director, International
Programs, National Library of Medicine, Bethesda, Maryland
and Carlos A. Gamboa, M.D., Regional Advisor, Human
Resources Program, Pan American Health Organization,
Washington, D.C.

This paper describes a recently-developed system using
the National Library of Medicine (NLM) software GRATEFUL
MED and the academic communication network BITNET to
access NLM databases.

Internationally, health personnel could be connected
to NLM MEDLINE through the international "packet-switching
service" system using X.25 protocol. It is still most
difficult, sometimes impossible, for medical scholars and
clinicians in Latin American and Caribbean countries to
use online access of NLM databases as their colleagues in
the North, due mainly to the high cost and the limited
international communication services in many of these
countries.

BITNET is an academic communication network linking
together more than 1,000 education and research institu-
tions in Asia, America, and Europe, and the number is
growing. This paper reports the experience in developing
and testing of the system.

STRESS IN THE LIBRARY: PERSONAL OR ORGANIZATIONAL FAILURE?
User Services Coordinator Pia Tollo Brown
Health Sciences Center Library, University of Florida
Gainesville, Florida

Stress in Public & Technical Services is ultimately the result
of communication breakdown. The larger the library (and staff),
the more complex the human interactions, hence the more likeli-
hood that stress will exist. Yet some polls have indicated that
librarians do not experience much stress or burnout, when compared
to other professions. So what can we believe?

This paper examines the literature of psychology, education, and
library science, reviews the results of some empirical studies on
the subject, and looks at the high costs of stress. Two myths
regarding the causes of stress are dispelled. Stress is viewed as
both an organizational as well as personal problem. Individual
solutions are shown to be ineffective and temporary, whereas
organizational solutions are more lasting and affect a greater
number. Organizational sources of stress are listed and 2 are
examined in detail: Miscommunication and Work Overload. The
causes of each of these sources are analyzed. The author's
solution is to apply Carl Jung's theory of psychological types
and the Myers-Briggs Type Indicator to library work settings.

Pia Tollo Brown, User Services Coordinator, Health Sciences
Center Library, University of Florida, Box J-206, Gainesville,
Florida 32610-0206

- 34a -

COMPUTER DATABASE SEARCHING AND PROFESSIONAL MALPRACTICE: WHO CARES?
Nicholas G. Tomaiuolo and Barbara J. Frey, Information Services
Librarians, University of Connecticut Health Center, Lyman Maynard
Stowe Library, Farmington, Connecticut

The topic of malpractice in librarianship has been frequently
covered in the professional literature. The question of whether
a librarian could face a charge of professional malpractice has
intermittently been discussed beginning with a hypothetical case
which appeared in 1976. These discussions have been theoretical:
under which conditions might librarians be culpable; how might
librarians avert malpractice charges; what determines malpractice?
This paper attempts to empirically ascertain librarians' perspectives
toward the possibility of actual malpractice charges, specifically
as they relate to computer database searching. Eighty-three
academic medical libraries and one-hundred and six academic law
libraries responded to a questionnaire designed to gauge the concern
associated with malpractice and its relationship to variables such
as disclaimer usage and extensiveness of pre-search interviewing.
Examples of search disclaimers were included in the findings.
Notwithstanding the published papers on the topic, only eleven
percent of the medical librarians and twenty-one percent of the law
librarians are highly concerned by the possibility of malpractice
charges. The authors conclude that there is a moderate degree of
concern in the profession concerning malpractice, although no
actual case could be cited. Rather than continue to theorize,
recommendations for further research are suggested.

FACING TENURE: A TEAM APPROACH Trudi Di Trollo, Assistant to the
Director, Rebecca K. Satterthwaite, Head, Information Services, University of
Florida, Health Science Center Library, Gainesville, FL.

Librarians at the University of Florida Health Science Center Library are faced
with rigorous performance expectations if they are to achieve tenure. During the first
five years of employment with the University, staff must strive to make substantial
contributions to the goals of the research institution and the information profession, in
addition to attending to the daily occurrences of a busy academic library. Generally
this is a very stressful period in their careers.

There are seven untenured librarians at the HSCL, representing almost half of the
professional staff. Recognizing their stress and need for guidance the Assistant to the
Director formed a Tenure Support Group. The group provides a forum for
discussion and strives to nurture teamwork and collegiality among the staff. This
paper describes the varied programs and mechanisms employed by the group and
explores the ramifications of a team approach to achieving tenure.
Trudi Di Trollo, University of Florida, Health Science Center Library, Box J-206,
Gainesville, FL 32610.

SERVICES TO UNAFFILIATED HEALTH PROFESSIONALS Peggy Mullaly-Quijas
Acting Associate Director, and Claire Gadzikowski, Special Projects
Coordinator, Midcontinental Regional Medical Library Program, McGoogan
Library of Medicine, University of Nebraska Medical Center, Omaha,
Nebraska

The Midcontinental Regional Medical Library Program (MCRMLP) staff compared the data collected from the RML 1990 Network Membership survey form with the data collected from the 1988 Membership Survey. When it was found that there was an average of .40 FTE decrease in professional staffing for the membership, as well as an average of 156 title decrease in unique serial titles held by each network member, the staff examined the following questions:

1. What are the characteristics of the libraries that offer services to unaffiliated health professionals?
2. What are the most popular information services available to unaffiliated health professionals?
3. Are there any restrictions placed on health professionals to receive these services, especially for document delivery?
4. Have the number of institutions offering services and the type of services offered to affiliated health professionals increased or decreased between 1988 and 1990?

Hospital Libraries, who make up the majority of network members and institutions that serve unaffiliated health professionals, will be examined in more detail. The results of the analysis will show that for area codes in the region, there is at least one library that offers both document delivery and online searching for unaffiliated health professionals. Peggy Mullaly-Quijas, Acting Assoc. Director, MCRMLP, McGoogan Library of Medicine, UNMC, 600 S. 42 St., Omaha, NE 68198-6706

USING A LOCAL AREA NETWORK IN PUBLIC ACCESS MICROCOMPUTER FACILITIES
Janis F. Brown, Associate Director, Educational Resources, Norris
Medical Library, University of Southern California, Los Angeles, CA.
The local area network (LAN) at the Norris Medical Library is an integral part of its microcomputer facilities providing a variety of computing services from one centralized resource. Established in 1988, the Novell NetWare LAN includes nearly 50 stations for public use. Users can utilize the LAN for gaining access to (1) over 100 software programs, (2) USC computing resources including a ten year MEDLINE file and thirteen other data bases, Internet email, UNIX-based gene sequencing software, and other Novell LANs, and (3) printers. The library is adding Macintosh stations to the LAN and setting up remote access and CD-ROM servers. For the staff, the LAN (1) facilitates software installation and maintenance, (2) offers protection against viruses and copying, and (3) provides an easy means for collecting use statistics. Unfortunately, maintaining a LAN is not trouble free. The LAN requires extensive time commitment by a trained and experienced NetWare administrator. Finding space for the network equipment also has not been a trivial problem in an already crowded library. Various other equipment problems have arisen, as have difficulties in installing NetWare revisions and modules. So far the benefits of the LAN far outweigh the problems.
Janis F. Brown, Associate Director, Educational Resources, Norris Medical Library, USC Health Sciences Campus, 2003 Zonal Avenue, Los Angeles, CA 90033.

DETECTION AND CONTROL OF MICROCOMPUTER VIRUSES IN A
PUBLIC ACCESS LAB Philip H. Arny, Systems Coordinator, Bio-
Medical Library, University of Minnesota, Minneapolis, Minnesota.

A crippling infestation of microcomputer viruses appeared in the computers at the Learning Resources Center (LRC) of the Bio-Medical Library at the University of Minnesota during 1989. Unwary users infected and reinfected LRC systems. Scant information on virus control existed in print form, but new sources (including electronic bulletin boards and mailing lists) provided vital current information and anti-viral programs, as well as insight into the history and nature of microcomputer viruses. A combined program of user education, increased security, and anti-viral programs greatly reduced the impact of viruses in the LRC, although new and more cunning viruses appear monthly. Vigilance and continued research have provided reasonable safety for the LRC microcomputers and their users. Anyone responsible for microcomputer resources must take precautions against viruses and plan appropriate security measures for users and their data.

Philip Arny, Systems Coordinator, Bio-Medical Library, Diehl Hall,
University of Minnesota, Minneapolis, Minnesota, 55455.

THE INS AND OUTS OF MANAGING A STUDENT MICROCOMPUTER LAB
Cynthia H. Goldstein, Assistant Director, Tulane University Medical
Center Library, New Orleans, LA.

In late 1986, the Tulane University Medical Center Library undertook a joint project with the Computing Services Department on the main campus across town to set up a small student computer lab in the Library. Since then, the lab has grown from 8 stand alone machines with slave printers to 28 machines including an Appleshare network with Imagewriter and Laserwriter printers, stand alone DOS machines and printers, and mainframe terminals with a line printer.

The evolution from stand alone units to network has meant major changes in the level and complexity of support required without any additional staff. Although Mac software is loaded on the fileserver and is available 24 hours a day, software for the DOS machines which are not networked must check out from the circulation desk during the 90 hours a week that the library is open. Laser printing is also available only to the networked Macs.

This paper will discuss the impact of the lab on staff, students, and the library budget and will address the challenges of securing an unstaffed facility open 24 hours a day within the library that is not. Copyright concerns, user education, and equipment maintenance will also be covered.

Cynthia Goldstein, Assistant Director, Tulane University Medical
Center Library, 1430 Tulane Avenue, New Orleans, LA 70112

LIBRARIANS AT RISK: OVERCOMING STRESS AND BURNOUT

Amy Gische Lyons, Assistant Director, Health Sciences Library, University at Buffalo, Buffalo, NY.

Librarians regularly experience stress within their work environment, however it is only within the past few years that this area has begun to receive some attention. The term stress is defined and the relationship between stress and burnout is discussed. The reasons librarians appear to be vulnerable to burnout are identified. Reference to the literature in the areas of stress and burnout are examined. Results of a questionnaire distributed to members of (UNYOC) the Upstate New York and Ontario Chapter of MLA identifies how medical librarians experience and cope with stress and compares their reactions with other populations previously studied. Results of the paper indicate that safeguards can be taken to prevent stress and burnout.

Amy Gische Lyons, Assistant Director, Health Sciences Library, Abbott Hall, University at Buffalo, Buffalo, NY 14214

REACHING UNDERSERVED HEALTH PROVIDERS IN SOUTHWEST OHIO

Stephena Harmony, Information Services Department, University of Cincinnati, Health Sciences Library, Cincinnati, Ohio and Phyllis C. Self, Director, University of Cincinnati, Health Sciences Library, Cincinnati, Ohio.

Preceptors give predoctoral students their most concentrated exposure to the daily practice of medicine. A primary goal of the Cincinnati Area Health Education Center (AHEC) Program has been to provide health care professionals in medically underserved areas a link to the resources of the Medical Center and to alleviate their feeling of isolation. Approximately 120 medical students are placed in 60 Family Medicine preceptorship sites and 60 Pharmacy students are placed in 6 pharmacy preceptorship sites in any given year. These AHEC rotations include 6 inner city health centers operated by the Cincinnati Department of Health, private solo and group practices in rural and urban areas, and community health centers. The University of Cincinnati's Health Sciences Librarians are linking underserved health care practitioners and students in Southwest Ohio to the Health Sciences Library resources. A program, based on utilizing students trained in the use of a variety of computer software such as GRATEFUL MED and access to document delivery services to access to health care information will be described.

Phyllis C. Self, Ph.D., Director, University of Cincinnati, Health Sciences Library, 231 Bethesda Ave., Cincinnati, Ohio 45267-0574

- 36a -

THE "UNAFFILIATED" USER WITHIN THE INSTITUTION: IMPROVING LIBRARY SERVICES AND APPLYING THE CONCEPT OF DISTANCE EDUCATION.

Marion N. Sabella, Director, Parks Medical Library, Long Beach Memorial Medical Center, Long Beach, CA.

In early 1989, the Parks Medical Library identified that only 25% of its overall users included nursing, administration and allied health staff. A common question to library staff was "Can I use the library?" A goal was established to increase library use by these potential users by 13% within 2 years. From January 1989 to December 1990, a four-step process (investigation, planning, implementation, evaluation) was followed to improve the department's policies, collections and services. In this 2 year period, library use by these groups increased 15%. Successful techniques to attain this goal included library staff involvement with nursing orientation and the medical center's implementation of a patient care system. The library's experience will also be further examined within the theoretical frameworks of distance education and user attitudes toward affiliation status.

Marion Sabella, Director, Parks Medical Library, Long Beach Memorial Medical Center, 2801 Atlantic Avenue, P.O. Box 1428, Long Beach, CA, 90801-1428.

INFORMATION EVALUATION AND RURAL OUTREACH WITH TEXAS TECH MEDNET Mary Moore, M.A., Curriculum Developer and Evaluation Specialist, Texas Tech MEDNET, and Associate Director for Education, Library of the Health Sciences and JoAnn Van Schaik, M.L.S., Assistant Director for Teaching and Learning Resources, Texas Tech Health Sciences Center, Lubbock, TX 79430.

Texas Tech MEDNET is a \$1.92 million federally funded matching grant which electronically links Texas Tech Health Sciences Centers with 23 rural hospitals throughout Texas. The project uses interactive video to provide patient consultation and continuing education in order to help rural health care practitioners overcome problems of professional isolation.

The librarian of the project serves in three capacities:

1. **Information specialist.** Continuing education video programs are accompanied by printed information packets. The librarian and a subject specialist identify the most critical and relevant review articles on each topic. The librarian obtains copyright clearance so that copies of the articles can be included in the packets.
2. **Educational programmer.** The project librarian helps identify speakers and makes recommendations for case management conferences. This role has evolved into that of Curriculum Developer for the project.
3. **Individualized learning consultant.** The MEDNET librarian helps combine learning resources into individualized learning packages on topics specified by the rural physician.

This paper describes the project, the role of the librarian, the methods used for evaluation, and the summative evaluation results.

Mary Moore, M.A., Associate Director for Education, Library of the Health Sciences, Texas Tech University Health Sciences Center, Lubbock, TX 79430.

ELECTRONIC DATA INTERCHANGE (EDI): FROM THEORY TO PRACTICE - THE
SUBSCRIPTION AGENT'S PERSPECTIVE Joe Santosuosso, EDI
Analyst, The Faxon Company, Westwood, MA.

Faxon initiated a pilot EDI project with Carpenter Library, Bowman Gray Medical School, and with Welch Library, Johns Hopkins University, to accomplish several objectives. First, Faxon wanted to evaluate the use of EDI, specifically of American National Standards Institute (ANSI) X12, for exchanging data with libraries. Second, Faxon wanted to identify technical and administrative obstacles to implementing EDI, while at the same time mastering EDI theory and practices. Third, Faxon wanted to use a widely implemented standard format for exchanging invoice information. A final objective of the EDI pilot project was to quantify the costs of implementing EDI.

Prior to the Faxon EDI pilot project, no parties had mapped serials subscription invoice data to the X12 format. Faxon mapped these data to the X12 810 transaction set and trained library staff from the test sites in EDI, X12, and the use of the X12 translation software chosen for the project. Results indicate that the X12 format is eminently suitable for exchanging serials subscription information. The most difficult problems in implementing EDI are not technical, but organizational. Successful implementation of EDI requires the development of new relationships between trading partners and new points of view toward data.

Joe Santosuosso, EDI Analyst, The Faxon Company, 15 Southwest Park, Westwood, MA 02090

ELECTRONIC MAIL JOURNAL CLAIMING: THE USE OF ALANET TO CLAIM MISSING ISSUES. Leonard Rhine, Ph.D., Head, Technical Services, Health Science Center Library, University of Florida, Gainesville, FL.

The objective of the project was to establish a more rapid claiming procedure for missing journal issues from Continental Europe. Since 1985, the Library has been able to send claims directly to Majors Scientific Subscriptions through the MORE system. Approximately one third of the Library's claims could not be transferred electronically.

In order to speed up the claiming procedure to Harrassowitz, the Library's subscription agency in Germany, a mechanism for electronically forwarding the information was developed.

Using a PC with a modem and telecommunications software, the HSCL accesses ALANET through telecommunication networks such as TELENET or TYMNET. On a weekly basis, the Library enters the claiming information on a WORDPERFECT template and saves it onto the SMARTCOM hard drive directory as an ASCII file. These claims are transferred as ASCII files via "PCMAIL" subsystem of ALANET. In response to the messages, Harrassowitz staff began returning information about the disposition of the claims. Instead of forwarding, via mail, individual reports on the status of each claimed issue, one electronic message is sent with the information on multiple claims. The procedure also has been adapted for the ordering of monographs and journals.

Leonard Rhine, Head, Technical Services, Health Science Center Library, University of Florida, Box J-206, Gainesville, FL 32610

- 37a -

ELECTRONIC DATA INTERCHANGE (EDI): FROM THEORY TO PRACTICE --
THE LIBRARY'S PERSPECTIVE Melissa A. Kraft,
Serials Collection Management Librarian and Karen Butter, Associate
Director, Information and Library Services, William H. Welch Medical
Library, The Johns Hopkins University, Baltimore, MD.

The Welch Medical Library installed an integrated library system in 1983 using the ILS software developed by the National Library of Medicine. Over the past 6 years library staff have made major modifications to the software, including the addition of a serials module which was designed for check-in and lacked financial accounting capabilities. Instead of building a unique financial reporting module Welch chose to participate in a pilot project with The Faxon Co. to use ANSI Accredited Standards Committee X12 invoice transaction sets. The implementation of EDI as a communication tool for serials financial data in a library is examined. The Library's current operating environment, institutional goals, available technical and human resources, collecting activity and workflow are described. The benefits of EDI for library use are considered. The issues involved in implementing EDI from the technical, operational, organizational and financial viewpoints are presented. Finally, the future of EDI in libraries, whether the pilot project can be integrated fully into the production environment, what resources will be required and how EDI will impact on the relationships between libraries, publishers and the business community, will be discussed.

Melissa A. Kraft, Serials Collection Management Librarian, William H. Welch Medical Library, 1900 E. Monument St., Baltimore, MD 21205

EDITORIAL CONSIDERATIONS IN THE MAPPING OF THE MeSH AND LCSH SYSTEMS.
Tony Olson, Head of Technical Services, Northwestern University
Galter Health Sciences Library, Chicago, IL

A number of online catalogs support two or more subject thesauri for public searching. The thesauri can be searched separately, but problems arise when multiple thesauri are combined into a single subject index. Solutions to these problems will result from a project carried out by the Northwestern University Libraries in which the Library of Congress Subject Headings (LCSH) and the Medical Subject Headings (MeSH) systems were mapped onto each other. Using a computer, about 310,000 pairs of headings from the MeSH and LCSH systems were generated and printed out. Subject editors examined each MeSH/LCSH pair to determine whether or not the members represented the same concept and should be mapped. The subject mapping information was then added to the MeSH and LCSH authority records. These enhanced authority records can be used in an online catalog to generate a single unified subject index in which conflicts between the MeSH and LCSH systems will be eliminated, and users will be led from headings in one system to related headings in the other system. The enhanced records will be made available to other libraries and library systems.

Tony Olson, Northwestern University, Galter Health Sciences Library, 303 East Chicago Ave., Chicago, IL 60611

THE VALUE-ADDED ONLINE CATALOG: ENHANCING BIBLIOGRAPHIC RECORDS

John Patruno, Associate Director and Judith Robinson, Assistant Director for Technical Services, University of Virginia Health Sciences Library, Charlottesville, Virginia.

The mission of the Bibliographic Enhancement Project at The Claude Moore Health Sciences Library was to expand the library's newly automated bibliographic records beyond traditional levels of cataloging in order to reach new levels of service for library patrons and staff. Three project goals were identified:

- 1) increase the usefulness of records for remote users by enhancing records through the inclusion of scope and audience notes, notes regarding special features of a particular work (special bibliographies or chapters, the historical importance of the work, etc.) and content notes.
- 2) provide a resource to the institution by identifying and indexing University of Virginia authors, including chapter authors.
- 3) exploit the possibilities of an online bibliographic record for library staff. This resulted in the inclusion of retention notes on classic texts and the identification and indexing of items purchased through various endowed funds resulting in an "electronic bookplate" for the benefit of staff as well as donors.

Management issues associated with enhancing records will be addressed.

THE APPLICATION OF QUALITY FILTERS IN SEARCHING: SOME POSSIBLE METHODS E. Diane Johnson, Head, Information Services, J. Otto Lottes Health Sciences Library, Emma Jean McKinin, Assistant Professor and MaryEllen Sievert, Associate Professor, School of Library and Information Science, University of Missouri - Columbia, Columbia, MO.

More and more often, clinicians are requesting help in identifying the most important literature on a topic. Yet database producers have done little to distinguish articles by quality or significance. For this reason, searchers have had to rely upon their own creativity in restricting search results by some objective indicators of quality as mutually agreed upon between the searcher and the requester. This paper will address the following issues:

- What objective indicators or pointers to "quality" exist today in commercially available medical databases?
- What is the rationale behind the use of each potential quality indicator?
- How does the indicator perform on a sample search topic?
- Are there any limitations associated with the use of each indicator?

A cross-file search on Alzheimer's disease will be used to examine how these filtering mechanisms affect retrieval in various databases.

E. Diane Johnson, Head, Information Services, J. Otto Lottes Health Sciences Library, University of Missouri - Columbia, Columbia, MO 65212

ISSN: FIRST RATE LINK OR PROBLEM KINK? Judith L. Rieke and Deborah H. Broadwater, Medical Center Library, and Ramona J. Steffey, Systems, Jean and Alexander Heard Library, Vanderbilt University, Nashville, TN 37232-2340

NOTIS/MDAS software is used to give our patrons access to MEDLINE on public terminals for our online catalog. The MEDLINE citations link to our library's holdings by matching ISSN, so our Technical Services Department, in cooperation with our Systems Office, did 2 projects to verify that ISSN in our bibliographic records matched those on MEDLINE. In the first project, October 1989-September 1990, problems with ISSN were identified as current journals were checked-in. The second project, July-September 1990, identified discrepancies by a systematic comparison of the ISSN listed in the List of Journals Indexed for Online Users (LJI) to the ISSN in our database. Many of the problems could have been avoided by continuous monitoring of the ISSN on our records. Also at fault were publishers who did not print correct ISSN on pieces, especially following title changes. In addition, there were also some incorrect ISSN numbers in MEDLINE. If all potential users of this standard cooperate, it will be even more reliable.

Judith L. Rieke, Monographs Librarian, Medical Center Library, Vanderbilt University, Nashville TN 37232-2340

MEDIC: A SINGLE-BLIND STUDY ON THE EFFECT OF INFORMATION FILTERING ON PHYSICIANS' SATISFACTION WITH CLINICAL INFORMATION FROM THE LIBRARY

Mary Ellen Lemon, MEDIC Project Coordinator, Pacific Northwest Regional Health Sciences Library Service, University of Washington, SB-55, Seattle, WA 98195

Objective: MEDIC (MEDical Information Consultant) is a research study designed to evaluate the efficacy of librarians trained in quality filtering of clinical information using objective criteria to determine scientific validity. *Setting/Participants:* Twenty-five rural practicing physicians of varying specialties, representing four distinct geographic and demographic sites in two western states, participated. *Design:* MEDIC is a single-blind study. Filtering was accomplished using defined standards for the traditional information package (filtered for relevance only) and defined objective criteria to determine scientific validity for the quality filtered information package. Over a ten month period, participating physicians were provided with alternately quality filtered and traditional filtered information packages. *Results:* The physician participants evaluated each information package as to relevancy, content, usefulness and clinical value to patient care management. This data was analyzed with respect to cost, time and efficacy of providing quality filtered versus traditional filtered information packages. *Conclusions:* MEDIC proved an important study in beginning to assess the role of the medical librarian in filtering clinical information and physician satisfaction with this filtering. MEDIC has also provided valuable data on the information needs of rural practicing physicians.

QUALITY FILTERING OF THE CLINICAL LITERATURE BY LIBRARIANS AND PHYSICIANS Charles B. Wessel, Coordinator for Hospital Library Services; Alice B. Kuller, Reference Librarian; David S. Ginn, Associate Director for Information Services, Palk Library of the Health Sciences, University of Pittsburgh; Matthew N. Klain, M.D., Chief Resident; Thomas P. Martin, M.D., Chief Resident, Department of Medicine, Presbyterian University Hospital, Pittsburgh, PA.

Palk Library conducted a study to determine the effectiveness of the clinical medical librarians' mediated selection process and to identify the criteria used by librarians and physicians to select articles. The study analyzed 1) the similarity between librarian and physician selections, 2) the decision-making processes used by librarians and physicians, and 3) the utility of librarians' selections versus those of physicians. Searches generated from cases presented at morning report were independently reviewed by librarians and physicians. Each selected citations considered to be the most relevant and identified their reasons for selection. Articles selected by either librarians or physicians were then evaluated by physicians. Study data shows that librarians are effective mediated selectors, although their selection criteria may differ from physicians. The study has implications for the continuation of clinical medical librarian services and the expansion of quality filtering activities to other library or information services.

Charles Wessel, Palk Library of the Health Sciences, University of Pittsburgh, DeSoto and Terrace Streets, Pittsburgh, PA 15261

THE FORMATION AND IMPLEMENTATION OF A DEPARTMENT OF HEALTH INFORMATICS. Thomas Singarella, Professor and Chairman, and Susan Selig, Associate Professor and Acting Director, Health Sciences Library, Department of Health Informatics, University of Tennessee, 8 So Dunlap, Memphis, TN 38163

This paper describes the development and implementation of a new academic Department of Health Informatics (1990) at the University of Tennessee, Memphis. The University of Tennessee, Memphis (UT Memphis) is the major health science center for the State of Tennessee. The purpose of this paper is to present how the health sciences library functions and is evolving in the new department.

The Department of Health Informatics was formed by the merger of the departments of education, computer sciences and the Health Sciences Library. The purpose of the merger was to combine existing university resources into one, more effective and efficient unit to provide centralized support services for the teaching, research, and clinical programs of the campus. The faculty expression in the department includes three areas: the information sciences, educational technology, and scientific communications. The synergy among these three areas has facilitated a different kind of department which supports the operations of a modern health sciences library.

The authors will outline the vision and raison d'etre for the department and discuss how the autonomy of the Health Sciences Library was maintained. The integration of the education, computer science, and library faculty will be discussed along with the mission of the department, organizational structure, budget, goals, and the beginning development of a curriculum in health informatics.

PARANOID OR PROACTIVE: HOSPITAL/ACADEMIC LIBRARIAN RESPONSE TO CORPORATE RESTRUCTURING IN A METROPOLITAN MEDICAL CENTER

Faith Van Toll, Director, Shiffman Medical Library, Wayne State University, Detroit, MI; Natalie S. King, Assistant Director, Shiffman Medical Library, Wayne State University, Detroit, MI; and Sandra Martin, Director, Harper Hospital Medical Library, Detroit, MI

In the mid-1980's the Detroit Medical Center Corporation initiated an active program to coordinate and consolidate the resources of the hospitals in the Detroit Medical Center (DMC), home of Wayne State University School of Medicine and Shiffman Medical Library. Throughout this process the hospitals within the DMC became less autonomous, with several services becoming consolidated under DMC administration. Anticipating the ultimate possibility that the hospital libraries could become branches of Wayne State's Shiffman Medical Library, the librarians of the DMC, both hospital and academic, began meeting in 1985 to determine what actions should be taken to control change in the DMC libraries rather than be controlled by any possible changes. This paper will outline the progression from paranoia to proactivity that has taken place during the last 5 years and will describe the resource sharing, cooperative activities, and leadership role that these libraries now play in the DMC. Faith Van Toll, Director, Shiffman Medical Library, 4325 Brush, Detroit, MI 48201

A MANAGEMENT INFORMATION SYSTEM FOR DECISION SUPPORT AND PLANNING IN A MEDICAL LIBRARY Damon Camille, Assistant Executive Director for Library Services, Houston Academy of Medicine-Texas Medical Center Library, Houston, Texas.

Libraries serve a wide variety of clients with different needs and considerations, and are faced with a multitude of decisions in their attempt to provide efficient, effective services. During their normal course of business, libraries generate a wealth of data that could be used to help them make these decisions. Unfortunately, the data are not recorded in such a way as to be readily useful.

The Houston Academy of Medicine-Texas Medical Center Library has designed a Management Information System/Decision Support System that collects data from a variety of sources, stores the data in a common format, and allows easy interpretation and comparison for management decision making.

The goals of the project, sources of data, hardware and software considerations, Library Service Modules, and benefits of the system will be described.

Damon Camille, Assistant Executive Director for Library Services, Houston Academy of Medicine-Texas Medical Center Library, 1133 M.D. Anderson Blvd., Houston, TX 77030

MESH TERMS AND THE UMLS METATHESAURUS AS A BASIS FOR SEARCHING NON-NLM DATABASES: A FEASIBILITY STUDY Penelope Gedeon, Tucson, AZ and Nadine P. Ellero, Head, Bibliographic Control, Claude Moore Health Sciences Library, University of Virginia Health Sciences Center, Charlottesville, VA.

There are potentially important sources of biomedical information contained in databases that are not specifically aimed at the biomedical community. NLM might assist segments of its user community by providing gateway access to such databases, if accompanied by automated assistance in devising effective search strategies. The goal of the study is to determine whether searches developed for use on NLM's MEDLINE file can be converted automatically into searches that would operate reasonably effectively in the full-text news database NEXIS and the bibliographic database Index to Legal Periodicals. Ten MEDLARS queries, primarily based on MeSH terms, were run through several transformations using the MeSH vocabulary file and the Unified Medical Language System (UMLS) Metathesaurus, Meta-1. The search terms produced by these transformations were then run against the two databases mentioned above. The results show that half of the queries retrieved relevant articles or citations, and indicate that it would be worthwhile to test this approach on a broader scale.

SEARCHING THE CITED REFERENCES IN THE FULL-TEXT MEDICAL DATABASES, CCML AND MEDIS MaryEllen C. Sievert, Associate Professor; Emma Jean McKinin, Assistant Professor, School of Library & Informational Science; and E. Diane Johnson, Head, Information Services, J. Otto Lottes Health Sciences Library; University of Missouri-Columbia, Columbia, MO

The use of citations to locate information on a pertinent topic is a well-documented procedure, as those familiar with Science Citation Index or Social Sciences Citation Index know. However, the full-text databases in medicine, CCML or MEDIS, offer the health science searcher the opportunity to use the references as an additional source of information on a topic. In these databases, the terms in the title of the cited reference are often searchable. How often does searching the titles in the references result in additional, valuable output for the requester? How effective is a strategy which combines retrieval from the references with retrieval from another field, such as the abstract, title or even the complete text? Preliminary data from the MEDLINE/Full-Text Research Project suggest that the reference field can serve as a precision device but to be successful in using this kind of strategy the searcher needs to be aware of the way the database formats the references.

MaryEllen C. Sievert, School of Library & Informational Science, Stewart Hall, University of Missouri, Columbia, MO 65211

THE MACLINICAL WORKSTATION PROJECT AT GEORGETOWN UNIVERSITY Naomi C. Broering, Director, Georgetown University Medical Center Library, Washington, DC.

The purpose of the MAClinical Workstation Project is to develop computer workstations for medical students of the sort they will use in future medical practice. The idea is to instill information query habits in the daily clinical activities of physicians-in-training, and to provide access to library information. The objectives are to improve instruction in clinical informatics, to automate the history and physical reports written by students, and to teach access to the medical literature and related diagnostic/knowledge systems available in the library's databases. The library has placed 30 Macintosh computers throughout the University Hospital and at 4 affiliated hospitals. The MACs are connected to the medical center's **IAIMS Knowledge Network** consisting of numerous bibliographic informational and diagnostic databases.

The project outcomes are significant to the library. Remote access to the bibliographic systems--**minIMEDLINE** and **ALERTS/ Current Contents** has increased steadily. Residents are also using the MACs for **Grateful Med** searching. Demand for **full-text** increased and a special interface to the BRS CCML was developed to provide users with automatic access to articles selected from their bibliographic searches. Other avenues for transmitting documents electronically are emerging. The Library's teaching role has grown steadily.

Naomi C. Broering, Director, Georgetown University Medical Center Library, 3900 Reservoir Road, NW, Washington, DC 20007

THE ROLE OF THE LIBRARIAN IN THE INTRODUCTION OF THE INFORMATION MANAGEMENT WORK GROUPS. Millard F. Johnson, Jr., OHSU Library, Portland, OR.

How does a medical center information systems operation:

1. promote information systems literacy in the medical center;
2. identify the specific information services needed by medical center work groups;
3. determine personnel and capital resources necessary to support campus-wide information systems implementation;
4. generate support for a university information systems initiative?

To accomplish these objectives, the Biomedical Information Communication Center (BICC), a group at the Oregon Health Sciences University that includes university computing, telecommunications and library resources, developed an Information Management Work Group (IMWG) initiative in which the BICC seeded several IMWGs by providing computing networking, software development and installation, and user training. The funded IMWGs were selected from proposals submitted in response to a campus-wide, competitive RFP.

This paper discusses the conduct of the IMWG program and the degree of success in achieving the four objectives listed above. Particular reference is made to the role of professional librarians in conducting the IMWG program and the degree to which professional librarians, their perspectives and their user orientation, have been integrated into the organization created from the consolidation of computing, telecommunications and library departments. Millard F. Johnson, Jr., Asst. Director, Public Services, OHSU Library, 3181 SW Sam Jackson Pk Rd., Portland, OR 97201

BREAKING DOWN THE STEREOTYPES: LIBRARY/INFORMATION SPECIALISTS MOVE INTO THE INFORMATION AGE

Mary Jane Scherdin
Collection Access Coordinator, Health Science Library
University of Wisconsin - Madison, Madison, WI

With the advent of the Information Age, there has been a dramatic transformation in the ways information is stored and retrieved and therefore a great impact on the library and information profession. The purposes of this study were: 1) to compare past and present vocational interests of librarians and 2) to compare the vocational interests of librarians with those of information specialists. A sample composed of 150 ALA members and 150 ASIS members was given the American College Testing (ACT) Interest Inventory and a job activity questionnaire.

A significant difference was found between past and present placement of librarians. Previous placement was in the Arts Job Cluster; present placement was in the Science Job Cluster. No significant difference was found between librarians and other information professionals on 5 of the 6 ACT scales. The findings of this study have implications for vocational counseling and recruitment to the library and information profession as one profession. No serious differences divide librarians and information specialists. Mary Jane Scherdin, Collection Access Coordinator, Middleton Health Sciences Library, 1305 Linden Drive, Madison, WI 53706

THE SOURCES AND SEARCH FOR PATIENT MANAGEMENT INFORMATION IN A TEACHING HOSPITAL.

Ellen Marks, Barbara Tuchfarber, and Christine Thinnies, Medical Center Information and Communications and Department of Internal Medicine, University of Cincinnati Medical Center, Cincinnati, Ohio
Health care providers have the potential to obtain patient management information from a variety of professional, clinical and bibliographic sources of expertise. Through innovations such as IAIMS programs, providers are able to bring the results of their information searches quickly to bear on patient problems, diagnoses and treatment alternatives. To explore the patterns of residents' and students' search for information (and to explore as well the effects of the introduction of IAIMS), the IAIMS staff conducted a case-comparison study which included the administration of questionnaires to ward team members on the Medicine service of the University Hospital. Respondents were asked to rate the relative importance of information sources for patient management which included 25 alternatives. Using a critical incident technique, respondents were asked to recall the last time they needed to consult a source in the management of a difficult case, to describe their precise need and to order all sources contacted. This exploration has contributed insights into the relationships among sources of information and expertise, directions for system design and modification and re-formulated training interventions. Preliminary findings demonstrate that IAIMS is both a valuable information retrieval and information management tool for busy clinicians. Ellen Marks, Director, Information Research and Development, 231 Bethesda Avenue, Cincinnati, OH 45267-0574.

AN INNOVATIVE PROJECT TO PROVIDE BIBLIOGRAPHIC SUPPORT FOR THE CREATION OF A NEW MEDICAL TEXT. Robert J. Sekerak, Interim Director, Donna K. Lee, Media Librarian, Joanna S. Weinstock, Reference Librarian, Charles A. Dana Medical Library, University of Vermont, Burlington, VT; Nancy A. Bianchi, Reference Librarian, Durick Library, St. Michael's College, Colchester, VT; and Kathy Alexander, Senior Medical Editor, Raven Press, Redmond, WA.

The Charles A. Dana Medical Library, University of Vermont, entered into a contract with Raven Press to provide bibliographic support for the creation of a 2-volume book on the adult spine. The editor-in-chief, a University of Vermont faculty member, wanted to centralize control of the bibliographies of the 70 chapters that would comprise the work. Initial, 10-year searches of the MEDLINE database would be performed for the chapter authors and updated upon receipt of the manuscripts by the editors to ensure maximum currency. The Library would also coordinate verification of the chapter bibliographies, estimated by the editor-in-chief to total 6000 to 7000 citations. The initial searches were performed by the Dana reference staff and downloaded to floppy disks. The bibliographic management system, Reference Manager, was acquired to create a database for verification purposes, and a health sciences librarian was hired for the verification project. This paper will examine the procedures employed and discuss some of the problems and complexities encountered. Reference Manager's contribution to the project will also be assessed and data on citation accuracy presented.

Robert J. Sekerak, Interim Director, Charles A. Dana Medical Library, University of Vermont, Given Bldg., Burlington, VT 05405

THE LIBRARIAN IN THE INTEGRATED ACADEMIC INFORMATION MANAGEMENT SYSTEMS ORGANIZATION James E. Morgan, M.L.S., Associate Director of User Services, University Librarian; Millard F. Johnson, Jr., M.L.S., Assistant Director of Public Services, and Joan Ash, M.L.S., M.S., M.B.A., Planning and Personnel Coordinator, Biomedical Information Communication Center, Oregon Health Sciences University, Portland, Oregon.

Since the landmark paper "Academic Information in the Academic Health Sciences Center" was published, there has been a movement in academic health sciences centers to consolidate computing, telecommunications, libraries and other academic information services into a single organization. The hope is that a consolidated organization can focus existing resources and attract new resources. Librarians worry that in the consolidated organization resources formerly available for traditional library media will be used for computing hardware, that library faculty will be subordinated to computing center directors, and that the ideals and standards of librarians will be lost or degraded.

This paper reports the experience of librarians at the Oregon Health Sciences University as the Library becomes part of the Biomedical Information Communication Center (BICC). The paper discusses traditional and nontraditional roles for librarians in administration, planning, marketing, resource management, system design, project management and public services. Special reference is made to configuration of "library" services in the new BICC building under construction. James E. Morgan, Associate Director of User Services, University Library, Biomedical Information Communication Center, Oregon Health Sciences University, P.O. Box 573, Portland, Oregon 97207-0573

CONSIDERATIONS TO EXTENDING IAAMS INTO NON-CLINICAL ARENAS Kimberly Parker, Chemistry Librarian, Yale University, New Haven, CT; Katherine Branch, Head, Science Libraries, Yale University, New Haven, CT; and Donald Waters, Head, Library Systems Office, Yale University, New Haven, CT.

It is our purpose to explore and identify the costs and benefits in non-medical arenas of integrated information. We selected chemistry as the discipline to test the models of IAAMS in part because chemistry shares many similarities with medicine. Being alert to the absence of the imperatives of clinical practice in chemistry, we proceeded to develop the Chemist's Crystal Ball, a HyperCard product designed to provide integrated access to a variety of information resources. We have reached the conclusion that the type of user directly affects what kind of integration is possible and useful. There is a clear tension between the goal of meeting the needs of sophisticated users and that of providing a unified and easy mechanism of access for those less experienced. We have also discovered that where the IAAMS model is most vulnerable is in its ongoing maintenance. Ultimately, any limits to IAAMS rest within ourselves and how we choose to mix the emerging roles of software engineer and program maintainer with the more traditional roles of librarian.

MISCONDUCT IN SCIENTIFIC PUBLISHING: A CASE STUDY WITH IMPLICATIONS FOR HEALTH SCIENCES LIBRARIANS Julie Johnson McGowan, Ph.D., Associate Director, School of Medicine Library, University of South Carolina, Columbia, South Carolina

Public Health Service Law 42 CRF Part 50, enacted in 1989 and mandating how institutions receiving federal grants respond to suspected cases of misconduct in research and scholarship, has broad implications for health sciences institutions, and, concomitantly, the health sciences librarians within those institutions. Shortly after the Law was enacted, our institution was notified of a suspected case of plagiarism involving one of our former faculty members. A committee to investigate the allegation was appointed, comprised of a cross-section of faculty, including a medical librarian. Following closed-door hearings, the findings were sent to the administration and eventually disseminated to the appropriate federal agencies and parties involved in the action.

This paper looks briefly at the circumstances resulting in the plagiarism allegation and examines the role played by the medical librarian during the formal hearings into the charge. It presents the circumstantial evidence and suggests a variety of outcomes, concluding with the action taken by the institution in the resolution of the case. Finally, it raises ethical and legal questions which need to be addressed by those involved in investigations of suspected misconduct in scientific publishing.

[Note: Confidentiality of the parties involved and the specifics of the case will be maintained.]

FAKES, FRAUDS AND FUZZY FACTS: CASE STUDIES OF MISLEADING CITATIONS IN MEDICAL LITERATURE Mary Edith Walker, Director, St. Jude Children's Research Hospital, Memphis, TN, Deborah Brackstone, Head, Interlibrary Loans, and Janelle Rudolph, Reference Librarian, Memphis State University Libraries, Memphis, TN.

Fraud in scientific work has been spotlighted recently, raising issues of quality in the medical literature. We assert that misleading citations are part of the problem and constitute an ethical issue for researchers and librarians. (By misleading we mean not only typographical errors, but also excessive self-citation, padding of bibliographies, and misquotations.) Our paper will present evidence that misleading citations bolster questionable hypotheses and sometimes lead to factual errors in the literature. We will report the results of case studies we are undertaking to determine whether retracted papers have more citation errors than others. The second part of our paper will urge a proactive stance to combat the proliferation of these practices and suggest practical steps librarians in any library may take.

Mary Edith Walker, Director, Biomedical Library, St. Jude Children's Research Hospital, PO Box 318, Memphis, TN 38101-0318

JOURNAL RETRACTION POLICIES by Susan A. Selig, Associate Professor and Associate Director and Mary King Givens, Associate Professor, Health Science Library and David L. Armbruster, Ph.D., Associate Professor and Head, Division of Educational & Research Support, Dept. of Health Informatics, University of Tennessee, Memphis 38163

Widespread publicity concerning scientific fraud and misconduct indicates problems with the conduct and communication of science. Fraud-free science cannot be legislated and inevitably articles will be published based on unsubstantiated or flawed data. This presents a significant problem: systematically and consistently notifying the scientific community that fraud or misconduct occurred during a study now in print. The ramifications affect co-authors, publishers, other researchers, librarians, and those providing patient care.

The National Library of Medicine (NLM) has directly addressed this problem of notification with the addition in 1984 of a MeSH term "retraction of publication." NLM amends the title field of the MEDLINE citation of the retracted article to refer users to the formal published retraction and provides a reciprocal linkage from the retraction to the retracted article. The success of NLM's policy, however, depends on the journal in which the fraudulent article was originally published to print a retraction notice.

We surveyed 163 clinical journals to determine their current policies for informing their readers of a previously published fraudulent paper. Results of this survey show that few journals have written policies regarding the retraction of fraudulent papers. Comments from various editors reflect the complexity of this issue.

Susan A. Selig, Associate Director, Health Science Library, UT Memphis, Memphis, TN 38163

SYSTEMS SUPPORT FOR END-USER SEARCHING IN AN ACADEMIC AND CLINICAL ENVIRONMENT

Carol M. Lelonek, Programmer/Analyst, Health Sciences Library, University at Buffalo, Buffalo, New York.

The MED FILE System at the Health Sciences Library, University at Buffalo contains the miniMEDLINE (tm) and the ALERTS (tm) / Current Contents (r) Search Systems, both of which are modules of the Georgetown University Library Information System, and Physician's Data Query (PDQ) a product of the National Cancer Institute.

The main theme of this paper is to explain the MED FILE project and the convergence of an academic health sciences center library and teaching hospital libraries for bringing this service to students, faculty, clinicians, residents, and researchers. The MED FILE project provided the hospitals with end-user access to the biomedical literature, and in some cases, the opportunity to introduce microcomputers to the hospital library setting. Concerted efforts have been made to ensure that the union of the academic and clinical libraries continues by investigating new equipment and software needs; conducting regular evaluations; and planning for the future.

Carol Lelonek, Programmer/Analyst, Health Sciences Library, University at Buffalo, Buffalo, New York 14214

END-USER SEARCHING AND NEW ROLES FOR LIBRARIANS

Barbara Lowther Shipman, Coordinator, Health Sciences Technical Systems and Special Projects, Diane G. Schwartz, Coordinator, Health Sciences Information Services, and Sandra C. Dow, Head, Public Health Library, The University of Michigan, Ann Arbor, MI.

Since 1988, the rapid proliferation of databases available to end-users at the University of Michigan has impacted the role of librarians dramatically. While librarians at the Taubman Medical Library had seen a gradual change in role throughout the 80s, the last several years launched us into the future.

In early 1989, free unlimited searching of PaperChase (known as UM-MEDLINE) was made available to students, faculty, and staff of the University. The availability of UM-MEDLINE best illustrates how the roles of librarians have been changing due to the introduction of electronic information resources. It has had an impact on the importance and level of mediated searching, the type of reference questions received, the instructional programs offered, the kind of training needed by reference librarians, and the role and responsibilities of the database services coordinator. This paper describes the impact on a reference department of a massive end-user searching program, changes in role resulting from such a program, and the ways in which one library has prepared its staff to deal with them.

Barbara L. Shipman, Alfred Taubman Medical Library, The University of Michigan, 1135 E. Catherine, Ann Arbor, MI 48109-0726

UNLIMITED ACCESS TO MEDLARS PILOT PROJECT

Janet G. Schnall, Information Services Librarian, and Terry Ann Jankowski, Information Retrieval & Management Librarian, Health Sciences Library & Information Center, University of Washington, Seattle, WA

In September 1989, the University of Washington (UW) Health Sciences Library and Information Center (HSLIC) was selected by NLM as the first university in the U.S. to offer its faculty, staff and students unlimited access to all NLM's databases for a flat fee of \$100 per individual for one year. The purpose of the Unlimited Access to MEDLARS Pilot Project was to gather information about usage levels and search patterns to help NLM determine the feasibility of an online flat rate and an appropriate charge for unlimited annual access. NLM allocated 500 codes which HSLIC then sold. HSLIC also served as a broker for Grateful Med.

The project impacted both the operations and philosophy of HSLIC's Information Services Section. The number of mediated searches dropped significantly. Especially surprising was the amount of technical support needed by participants in dealing with modems, pc's and software installation. During the project new strategies and programs were developed, such as: marketing techniques; teaching large numbers of health professionals Grateful Med or direct searching; traveling off-site to teach classes; strengthening cooperative agreements with librarians in affiliated hospitals; establishing a drop-in Online Lab; creating an Unlimited Access to MEDLARS Users' Group; and providing consultations to participants on both software and hardware problems.

A brief questionnaire was distributed in August 1990 to determine the value of the program to the participants. This paper describes HSLIC's experiences with the project, the results of the questionnaire, and the impact of the project on Information Services.

Janet G. Schnall, Information Services Librarian, Health Sciences Library & Information Center, University of Washington SB-55, Seattle, Washington 98195

ANNOUNCING

BIBLIOMED PROFESSIONAL SERIES

THE WAVE OF THE FUTURE

BIBLIOMED® PROFESSIONAL SERIES. Now you can have full MEDLINE®, use your own computer and CD-ROM player, search with familiar ELHILL® commands . . . and easily justify the cost. Just as BiblioMed Professional Series allows you, the searching professional, to have quick unlimited access to MEDLINE with ELHILL commands, its menu mode also provides the end-users easy searching capability.

At just \$1,695 per year plus special prices on a Pioneer multi-disc player, you can be up and running BiblioMed Professional Series for under \$2,900.

Hardware Independence, Ease of Use, Flexible User Modes, Economy ... all reasons to choose BiblioMed Professional Series.

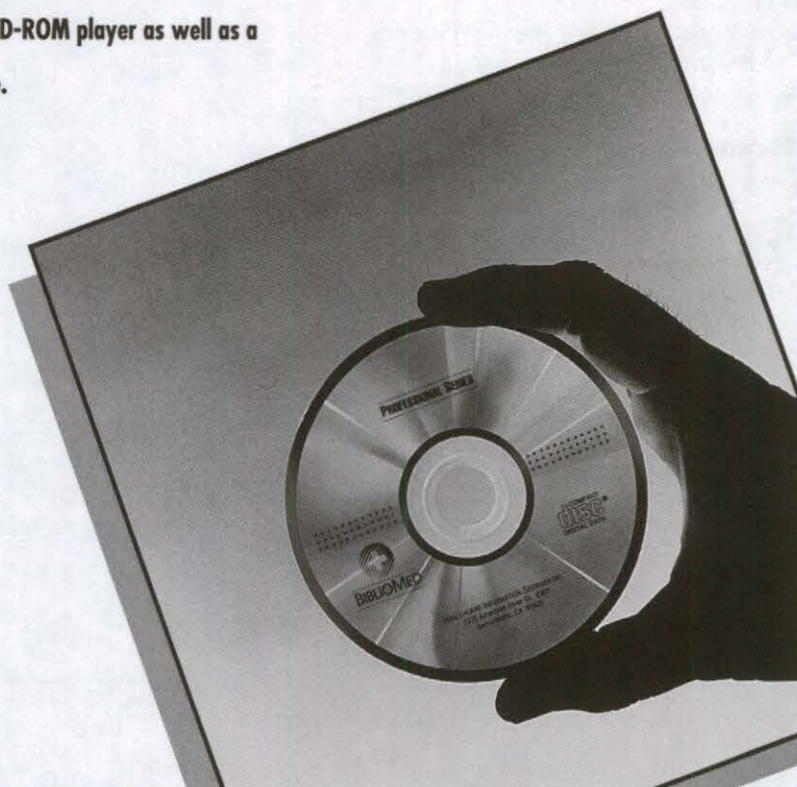
- Full MEDLINE® for 5 years, updated monthly
- Command mode uses familiar ELHILL® MEDLINE commands
- Menu mode uses easy-to-use intuitive "point and shoot" windows
- System can be used both on a single disc CD-ROM player as well as a multi-disc player. Uses standard hardware.
- Super-fast Explosions

See us at booth 197



**HEALTHCARE
INFORMATION SERVICES INC.**

2335 American River Dr.
Suite 307
Sacramento, CA 95825
916/648-8075
800/468-1128
FAX 916/648-8078



It's Incomparable!

It's NURSING & ALLIED HEALTH (CINAHL)

A Wealth of Information

Which database gives you *the broadest access to nursing and allied health information*? It's NURSING & ALLIED HEALTH (CINAHL) . . . now with greater coverage than ever before. The database includes regularly indexed articles from more than 330 nursing and allied health periodicals. Plus, you can now find records for books, nursing dissertations, selected conference proceedings, and standards of professional practice. Look for new titles in the areas of consumer health and nutrition. Many of these recently added materials are not available in any other database.

Abstracts, Abstracts, Abstracts!

Author abstracts have been included since 1986, and are now available for nearly 1/3 of the regularly indexed journals in the database. Nursing dissertation abstracts are also included. With so many abstracts available, *it's easy to identify* the most relevant citations.

Availability

The NURSING & ALLIED HEALTH (CINAHL) database is conveniently available online through vendors **BRS**, **Data-Star**, and **DIALOG**. Access via standard library services, end-user systems, and gateway software. It's also available on CD-ROM through **CD PLUS**, **Compact Cambridge**, and **SilverPlatter**. Guaranteed document delivery through the Glendale Adventist Medical Center Library.

Timely!

Now *updated monthly* by most vendors, NURSING & ALLIED HEALTH (CINAHL) brings you the current information you need. And the SDI feature makes it easy to stay up-to-date by storing frequently used search strategies.

Cost Effective!

The *only database designed specifically for nursing and allied health*, CINAHL takes you directly to the information you need . . . *saving time and money*. CINAHL headings, with their subject orientation, *make it easy to locate the most relevant materials . . . fast!* Built-in search features such as document types/identifiers and journal subsets target your searches even further. *For the most precise retrieval at the lowest cost . . . NURSING & ALLIED HEALTH (CINAHL)!*

Search Tools

The authoritative NURSING & ALLIED HEALTH (CINAHL) **Subject Heading List** includes nearly 6,000 terms—approximately 1,500 of which are found *only* in our unique interdisciplinary database. This guide is arranged in alphabetic, "tree structure," and permuted formats for easy identification of search terms. Make the most of your search time—consult the Subject Heading List before going online. Price: \$35.00.

The updated NURSING & ALLIED HEALTH (CINAHL) **Online Search Guide**, available for only \$10.00, provides detailed instructions for searching each vendor system, plus sample searches. Make sure you order these search tools for each workstation. Order both search tools together for \$40.00 and save \$5.00.

Visit our booth!

Stop by Booth 111 at the Medical Library Association, June 2-5 in San Francisco, CA, for more information and search demonstrations.

CINAHL Information Systems
1509 Wilson Terrace,
P.O. Box 871
Glendale, CA 91209-0871
Phone: (818) 409-8005
Fax: (818) 546-5679





"MANY CLUES
TO THE UNKNOWN
IN MEDICINE
ARE LOCKED
IN THE LIBRARY."

Alphonse Dochez

Rittenhouse has the keys.



Find the key for today and the future at booth #176

RITTENHOUSE
BOOK DISTRIBUTORS INC

Rittenhouse Book Distributors, Inc.
511 Fehelley Dr • King of Prussia, PA 19406 • 800-345-6425
Rittenhouse of New England
Sterling Rd • South Lancaster, MA 01561 • 800-624-7627

The source for health science, biomedical and pharmaceutical books