mhsla news

MICHIGAN HEALTH SCIENCES LIBRARIES ASSOCIATION

SPOTLIGHT ON THE ANNUAL MEETING

The registration packets have been mailed for the twelfth annual educational conference of the Michigan Health Sciences Libraries Association, which will be held this year in conjunction with the annual meeting of the Midwest Chapter of the Medical Library Association. The meeting headquarters will be the Lansing Hilton, which lies in the western suburbs of Lansing near the mall area. There is an outstanding selection of courses and workshops this year which we will highlight to whet your appetite.

The meeting opens on Tuesday, October 15, when the major activities are registration in the morning and evening and the all-day NLM Online Update.

The educational activities get into full swing on Wednesday, with three CE courses offered:

Teaching MEDLINE to the Health Care Professional, 8:00 a.m. to 5:00 p.m. Once you have completed this course, you will be eligible to teach your health professionals how to search MEDLINE. After taking a course from you, a health professional is not required to take the Initial Training class from NLM and can start using MEDLINE immediately.

Hospital Library Management (MLA CE 129), 8:00 a.m. to 5:00 p.m. Eugenie Prime, president of the Cumulative Index to Nursing and Allied Health Literature Corporation, will be teaching this practical course as an introductiion to basic management principles and techniques. It is aimed at the needs of the hospital librarian.

Nursing Information Resources (MLA CE 342). Laurie Conway, R.N., M.L.S., will be conducting this new MLA course to update you on the latest printed and computerized information resources in nursing.

Thursday, October 17, is the official opening day for the conference. John A. Biaggi, president of Michigan State University, will be giving the welcome address at 9:00 a.m. He will be followed by Eugenie Prime, president of Cumulated Index to Nursing and Allied Health Literature Corporation, who will be giving the keynote address on the marketing of library services.

Wagenvoord-Riegel will be offering a bindery tour, with lunch, which will be followed by workshops from 1:30 p.m. to 5:00 p.m. The first workshop is "Support Staff: Roles and Responsibilities", and is designed to offer suggestions on how to use your human resources wisely in these years of lean budgets. The second workshop, a microcomputer software panel, will be a review of specific library microcomputer software, its pros and cons. It will also provide specific examples of uses based on the experiences of the panel, who are librarians from hospitals and academic institutions.

There will also be two workshops from 3:30 p.m. to 5:00 p.m. The first workshop, titled "Strategies for Requesting a Personal Computer", will discuss different ways to justify a personal computer for the hospital library. It will be followed by a discussion lead by Rya Ben-Shir, from the institution that designed F.I.L.L.S. (Faster Inter-Library Loans Statistics), an interlibrary loan-management program with EasyLink electronic mail capacities. She will be discussing F.I.L.L.S. and electronic mail options for those institutions who already own a microcomputer or who are planning a purchase.

SPOTLIGHT ON THE ANNUAL MEETING

The second workshop is "Software in the Public Domain", which will be headed by Mollie Lynch of St. Joseph Mercy Hospital of Pontiac. She will cover "freeware" (un-copyrighted software) and "cheapware" (software usually available just for the cost of a diskette and postage) which have applications in the medical library.

The Thursday night activities feature a cocktail hour in the ballroom, beginning at 7:00 p.m., followed by a banquet with a singing group, the "Silver Swan Singers", for entertainment..

There will be four workshops held Friday morning. The first two are the Microcomputer Software Panel, which was previously described, and "The Hidden Collection: Full Text Information Online", a detailed discussion of the full text databases. These databases are a resource which the patron may never touch, but with which we should all become familiar, in order to use them appropriately and effectively.

After the first two workshops, which will be held concurrently, come two more, which will run from 10:30 a.m. to noon. Dr. Samual M. McMahon, the director of medical education and of utilization review at the Ingham Medical Center, will discuss the implications of Diagnosis-Related Groups (DRG's) for Michigan medical care institutions. For the second concurrent workshop, Frances Phillips and Candy Winfield will lead a discussion about satellite systems and their uses in the hospital and the medical library.

These workshops will be followed by the usual business meetings, of course, and Dave Keddle has kindly arranged for a hopsital tour of Ingham Medical Center later that afternoon.

Many people deserve applause for all the hard work that has gone into the meeting so far -- Mary Hanson, Judy Coppola, Dave Keddle and all the folks at the John W. Chi Memorial Medical Library, Bill Nelton, and, of course, Leslie Behm, are just a few that spring to mind. So please let them know you appreciate them if you see them at the meeting, and please send in your registration materials by the deadline. If you have not received your packet, please contact Rosalie Ray in Ingham.

We are looking forward to an exceptionally interesting gathering, and to all the social interaction that goes with it, so clear your calendars - it's going to be great.

THE PRESIDENT'S COLUMN

By the end of August, you should have received the registration material for the conference. If not, please contact Rose Ray at the Ingham Medical Center or Bill Nelton at the Michigan Department of Public Health. It looks like it will be an exciting conference. Hope to see all of you at the Lansing Hilton between October 15 and 18.

Each year, the hosting group needs to choose dates for the conference. There are some guidelines used in choosing the date: 1) it needs to be early enough in the fall to avoid inclement weather, especially for those traveling by car from the northern portions of the state; 2) it is generally not scheduled for the week before the U. of M. versus M.S.U. football game; 3) it is not scheduled during Rosh Hashannah (2 days) or Yom Kippur (8 days). Because of all the dates which have to be taken into consideration, it is difficult to avoid the Jewish holiday of Succoth (9 days). This formula has been used for years and I believe it offers the best compromise at this time.

If you have any questions, opinions or comments you would like addressed by the board or myself, please write to me at the Clinical Center Library, A-137 Clinical Center, M.S.U., E. Lansing, MI 48824 or call me at 517/353-3037.

TRAINING HEALTH PROFESSIONALS TO SEARCH

This is the latest information from NLM on how the campaign to train end-users is faring:

The end-users training guide, which was described during courses in "Teaching MEDLINE to the Health Professional" is due to be printed by the G.P.O. this month. Contact the MEDLARS Management Office at (800) 638-8480 for the latest information on availability, price and ordering information.

At this time, about half the codes approved each month have been issued to health professionals. The librarians who have taken the MEDLARS course "Teaching MEDLINE to the Health Professional" in order to be certified as trainers of end-users or as trainers of end-user trainers, have, to date, trained over 1,000 health professionals in six months.

If your institution is planning to train end-users, you may request a block of codes to give to your end-users at the end of their training session by contacting MEDLARS Management at least a month in advance.

G.M.R.M.L.N. sells a packet of supplementary materials, divided into seven sections in a plastic binder for $7.00 prepaid. Call for more information.

OF SHOES, AND SHIPS, AND SEALING WAX . . .

. . .and mailing lists and things. . .the Ad Hoc Membership Committee of M.H.S.L.A. has been charged with updating the association's mailing and membership lists. You should have received a mailing recently, asking if you would like to remain on the mailing list, or if you forgot to renew your membership. They're both the product of the Membership Committee (and the M.H.S.L.A. treasurer, who happens to be on the Committee).

M.H.S.L.A., because it is officially affiliated with the Michigan Hospital Association, is able to keep their mailing lists (about 425 names) and membership lists (about a fourth of that) on M.H.A.'s computer, and M.H.A. produces mailing labels for all M.H.S.L.A.'s mailings for a nominal fee. It has been a while since these lists were last updated, though. In the process of deciding which standing committee should have responsibility for these lists, the Ad Hoc Membership Committee is cleaning things up before they pass the chore on to the Publications Committee. Once the new bylaws assigning this responsibility to the Publications Committee have been approved, the Publications Committee will be responsible not only for the newsletter but for the directory and for the mailing and membership lists as well.

So you should have received a mailing asking if you want us to keep your name on our list - if you haven't, contact either Stephanie John at 517/771-6846 (or INTERACT SAGCHHS) or Lea Ann McGaugh at 313/762-2141 (or INTERACT MCLGH). If your address is incorrect, please let us know, too. And if someone in your organization would benefit from our general mailings, please ask to have them added to the mailing list.

And finally, as a reminder, please bear in mind that you will not get this newsletter if you don't keep your membership up. If your renewal is late, you won't be listed in that year's directory.

If you miss a newsletter (there are at least four a year), just contact the chairman of the Publications Committee (Stephanie John for 1984/85), and she'll be glad to see you get one.

MISHULS UPDATE

The Union List Committee has changed its plans for a microfiche-only update of the Michigan Statewide Health Union List of Serials (MISHULS). The Committee, which is headed by Pat Wolfgram, has decided to offer a paper update as well. They expect the update to be ready at the end of September and will be contacting everyone soon for their orders.

BURNS LIBRARY RECEIVES IBM PC AT SYSTEM

The Dean C. Burns Health Sciences Library at the Burns Clinic/Northern Michigan Hospitals at Petoskey has recently received an IBM Personal Computer AT microcomputer. Kay Kelly reports that she is looking forward to working with this state-of-the-art multi-user system (AT stands for 'Advanced Technology') and has already begun using it for their MEDLINE searching.

The Burns Library's system features an IBM AT with a 20-megabyte hard disk and 256K RAM (expandable to 3 megabytes). The IBM AT is unique in that it runs XENIX-based software, which means that more than one program can be run by more than one user at the same time (e.g., it's multi-user, multi-tasking). The Library has two Qume terminals which it is in the process of connecting to the IBM PC AT. This will bring the total number of workstations available to the staff to three. The Library also purchased two modems, one internal (a plug-in 'card') and one external, so that two terminals can be used at once for telecommunications - such as for electronic mail and for computerized literature searching.

Some of the software that the Library is using with the AT includes the F.I.L.L.S. (Faster Inter-Library Loans Statistics) and EasyLink electronic mail capabilities - which are the subject of a workshop at the annual meeting this year. The Burns Library also purchased a serials management system and plans to gradually switch over from their manual checking-in and claiming system this year.

If you would like to know more about the Burns Library's activities, contact Kay Kelly.

JOB POSTINGS ON INTERACT

According to an INTERACT message of August 8, the Library of Michigan is in the process of setting up a Michigan job listing on INTERACT, the Michigan Library Consortium's electronic mail system. They ask that you send information on position openings in Michigan libraries to: Ruth Dukelow, Library of Michigan, 735 East Michigan Avenue, Box 30007, Lansing, MI 48909. And it's free!

If you have anything to sell, give away, or a special need, please feel free to contact the editor to place a notice in the next issue of the newsletter.

WHERE DO YOU DRAW THE LINE? THE F.D.A. TO LICENSE SOFTWARE

According to a story in the *Washington Post*[1] the Food and Drug Administration intends to regulate computer software used by physicians to help diagnose and treat patients. Although it has not yet been legally determined that a computer is or can be a 'medical device', the F.D.A. bases its stand on their opinion that the term 'medical device', as used in the guidelines of the Medical Devices Act of 1976, empowers them to design and enforce such regulation.

This leads to the questions: can a medical text, especially in a computerized form, be a 'medical device'? Whether computerized or not, it *is* used to help diagnose and treat patients, as are the latest thing in electronic publishing: software journals, which are journals published with - or entirely on - a diskette (*Cyberlog* is one example).

Roger H. Schneider, Director of the Office of Science and Technology at the F.D.A.'s Center for Devices and Radiologic Health, maintains that a medical text is not a medical device. If not, how can the distinction between online information retrieval software and online information management software be drawn? How does one differentiate software used for management of a patient's records which may alert the pharmacist to a drug interaction and software used to retrieve articles which may also tell him of this interaction? What will this mean to projects like the National Library of Medicine's 'knowledge' databases, like the HEPATITIS database?

Action in either case does not appear imminent for, like all government agencies, the F.D.A. doesn't have enough money or manpower to strike out into new territory. It will be interesting to see how the F.D.A.

draws the fine line between all of the different sets of computerized medical information.

[1. Schrage, Michael. "Bioproducts confound the regulators: F.D.A. looks at medical software", *Washington Post* 1984 Aug 19;v107:p. G1., col. 3.]

COMPUTERIZING THE BRANDON LIST

Every two years, as soon as it is published, librarians rush to consult the latest "Brandon list". It is an invaluable tool for obtaining basic titles for any library, but especially for the small library. While some libraries can afford to purchase all the titles, most must select just the ones they most need. And all libraries must select other titles to meet their users' unique needs.

As all users of the Brandon list know, it is arranged by subject. This makes it very difficult to check to see if you have the most current editions on the shelf or on order. If you check by author's name, which is the only way in which the complete list is put into one alphabetical arrangement, you have to flip back and forth to the complete citation to check the titles and edition numbers. Checking by subject is not very efficient either, even though the books are arranged alphabetically by author within each subject, for you have to jump around in the card catalog as you move from one topic to another.

In order to keep the collection current and meet the needs of the medical center staff, the Library Service at the VAMC in Saginaw has computerized the list.

We began with the 1983 version and now have the 1985 list as a program. We have inputted the complete Brandon list minus subject headings or divisions. We input the following information: (blank), title (brief), author (first only), copyright date, publisher. We printed the list two different ways: by publisher and by title. Anyone working with a publisher's catalog can check to see which ones the library owns; the blank space left on each list was so the call number can be written in for those books the library owns and put into the computer later.

We find that, by using these lists, a library aide or clerk can be assigned the task of comparing your holdings to the latest list, and you can be assured that the project will be completed rapidly and correctly.

If you don't have a microcomputer available, and place heavy emphasis on using the Brandon list for book selection, we will be glad to send you a copy of any of the lists mentioned. Write Nancy R. Dingman, Chief, Library Service, VAMC Saginaw, Michigan 48602, or call 517/793-2340, ext. 256.

[Editor's note: Login Brothers book vendors also has a free service for Brandon updates. At your request, they will send you computerized notification cards--either one, two or three copies--for each new edition of a Brandon list title. Many thanks to Nancy Dingman for her informative article and her offer of copies of the computerized list.]

Toll Free Health Information Numbers

Access to health information is available through the touch of your fingertips. Phone numbers have been established locally and around the nation to provide information on a variety of topics.

Numerous toll-free numbers around the nation provide access. Below, is a partial listing of numbers available. Publication of this list does not signify endorsement of the individual programs/services, but rather illustrates the range of toll-free numbers available.

ACQUIRED IMMUNE DEFICIENCY SYNDRONE (AIDS)
National Gay task force Crisisline
800-221-7044
Public Health Serivce AIDS Information Hotline
800-342-AIDS

ALZHEIMER'S DISEASE
Alzheimer's Disease and Related Disorders Association
800-621-0379

ASTHMA AND ALLERGIES
American Academy of Allergy and Immunology Asthma-Allergy Hotline
800-558-1035

CANCER
AMC Cancer Information
800-525-3777

CHILD ABUSE
Parents Anonymous Hotline
800-421-0353
Child Help USA
800-422-4453

CHILDREN
Child Find
800-431-5005
Runaway Hotline
800-231-6946
National Runaway Switchboard
800-621-4000
Children's Defense Fund
800-424-9602
Shriners Hospital Referral Line
800-237-5055

DOWN SYNDROME
National Down Syndrone Society Hotline
800-221-4602

DRUG ABUSE
National Cocaine Hotline
800-COC-AINE
National Institute on Drug Abuse, Prevention Branch
800-638-2045

HANDICAPS
Library of Congress National Library Services for the Blind and Physically Disabled
800-424-8567

HEALTH
Office of Disease Prevention and Health Promotion National Health Information Clearinghouse
800-336-4797

HEARING
Better Hearing Institute
800-424-8576
National Hearing Aid Society Helpline
313-478-2610

HEART DISEASE
Association of Heart Patients
800-241-6993

HOSPITAL CARE
Hall-Burton Hospital Free Care Program
800-638-0742

INCOME TAX
Federal Internal Revenue Service for TDD Users
800-428-4732

INDEPENDENT LIVING
Lifeline Systems
800-343-4632

KIDNEY DISEASES
American Kidney Fund
800-638-8299

MEDICARE/MEDICAID
Medicare/Medicaid Complaint Line
800-368-5779

MOTOR VEHICLE PASSENGER SAFETY
National Highway Traffic Safety Administration
800-424-9393

ORGAN DONATIONS
North American Transplant Coordinators Organization Organ Donor Hotline
800-24-DONOR

PESTICIDES
National Pesticide Information Clearinghouse
800-531-7790

PRACTITIONER REPORTING
Food and Drug Administration Practitioner Reporting System
800-638-6725

PRODUCT SAFETY
Consumer Product Safety Commission
800-638-CPSC
Video Display Terminal Hotline
800-521-VDTS

SPINAL BIFIDA
Spinal Bifada Association of America Information and Referral
800-621-3141

SPORTS
Women's Sport Foundation Sportsline
800-227-3988

STUTTERING
National Center for Stuttering
800-221-2483

SURGERY
Health Care Financing Administration National Second Surgical Opinion Program Hotline
800-638-6833

TOXIC SUBSTANCES
Toxic Substances Control Act Hotline
800-424-9065

VENEREAL DISEASES
American Social Health Association VD Hotline (Operation Venus)
800-227-8922

WATER SAFETY
United States Coast Guard 2nd District
800-325-7376

ALPHABETIC LIST OF TOPICAL SUBHEADINGS WITH ABBREVIATIONS, ALLOWABLE CATEGORIES, AND YEAR OF ENTRY

The following is an alphabetic list of the subheadings used in indexing with their search abbreviations and the categories or subcategories with which they may be used. ( ) gives date of entry of the subheading into MEDLARS. For dates pertaining to the availability of a subheading for a given category or subcategory, see the listing of subheadings by category.

Subheading	Form for Indexing	Form for Searching	Allowable Categories
(66) abnormalities	abnorm	AB	A (except A10,A11,A12,A16)
(66) administration & dosage	admin	AD	D
(66) adverse effects	adv eff	AE	D,E,F4,H,J,
(75) analogs & derivatives	analogs	AA	D (except D8)
(67) analysis	anal	AN	A, B (except B2), C4, D, G3, J
(66) anatomy & histology	anat	AH	A, B1, B2, B5, B6
(68) anatagonists & inhibitors	antag	AI	D
(66) biosynthesis	biosyn	BI	D
(67) blood	blood	BL	B2, C, D, F3
(66) blood supply	blood supply	BS	A (except A7, A11, A12), C4
(67) cerebrospinal fluid	csf	CF	B2, C, D, F3
(68) chemical synthesis	chem syn	CS	D
(67) chemically induced	chem ind	CI	C, F3
(66) classification	class	CL	A11, B thru N
(66) complications	compl	CO	C, F3
(66) congenital	congen	CN	C (except C16)
(67) cytology	cytol	CY	A, B
(75) deficiency	defic	DF	D
(66) diagnosis	diag	DI	C, F3
(67) diagnostic use	diag. use	DU	D, H
(75) diet therapy	diet ther	DH	C, F3
(66) drug effects	drug eff	DE	A, B, F1, F2, G4 thru G11
(66) drug therapy	drug ther	DT	C, F3
(78) economics	econ	EC	C, E, F3, F4, G1, G2, G3, I2, J, L, N2, N3, N4
(67) education	educ	ED	E, F. G1, G2, G3, H thru M, N1, N2
(66) embryology	embryol	EM	A (except A11, A12, A16), B1, B2, B6, C
(66) enzymology	enzymol	EN	A, B (except B2), C, F3
(75) ethnology	ethnol	EH	Z
(66) etiology	etiol	ET	C, F3
(66) family & genetic	familial	FG	C, F3
(78) genetics	genet	GE	B, D6, D8 thru D13, D24
(66) growth & development	growth	GD	A (except A10, A11, A12, A16), B
(66) history	hist	HI	C thru F, G1, G2, G3, H thru N
(66) immunology	immunol	IM	A, B, C, D, F3
(66) injuries	inj	IN	A (except A10, A11, A12, A16)
(66) innervation	innerv	IR	A (except A8, A10, A11, A12)
(66) instrumentation	instrum	IS	E, F2, F4, G1, G2, G3, H, J, L
(66) isolation & purification	isol	IP	B1, B3, B4, B5, D
(78) legislation & jurisprudence	legis	LJ	I1, I2, L, N2, N3, N4
(68) manpower	man	MA	E6, F4, G1, G2, H, I, J, L, N2, N3, N4
(66) metabolism	metab	ME	A, B, C, D, F3
(75) methods	methods	MT	E, F4, G1, G2, G3, H, I, J, L, N
(67) microbiolgy	microbiol	MI	A, B1, B2, B6, C, F3
(67) mortality	mortal	MO	C, E, F3, F4
(66) nursing	nurs	NU	C, E, F3
(66) occurrence	occur	OC	C, F3
(78) organization & administration	organ	OG	I2, L, N2, N3, N4
(75) parasitology	parasitol	PS	A, B1, B2, B6, C, F3
(66) pathogenicity	pathogen	PY	B1, B3, B4, B5
(66) pathology	pathol	PA	A, C, F3

DATA FORM ABBREV

DIS
NEOPL
PREGN
POSTOP
EEG
HOSP
INFECT
RECEPT
STAPH
STREP

MEDLARS DATABASES 1985

AVLINE
BIOETHICSLINE
CANCERLIT-CANCEREXPRESS
CANCERPROJ
CATLINE
CHEMLINE
CLINPROT-PDQ
DIRLINE
HEALTH PLANNING & ADMIN
HISTLINE
INFORM
INTROMED
MEDLINE,M80,M77,M75,M71,M66
TOXLINE, T74, T65
MESH VOCAB FILE
NAME AUTHORITY FILE
POPLINE
RTECS
SDILINE
TDB

Pre-explosion Name (PX)	Tree No.
(85) ABNORMALITIES	C16.131
ANTIBIOTICS	D20.85
(85) ANTIBODIES	D24.611.135

(67) pharmacodynamics.................pharm...........PD....D
(66) physiology.........................physiol..........PH....A, B, D, F1, F2
(66) physiopathology..................physiopathol......PP....A, C, F3
(66) poisoning..........................pois.............PO....D, J
(66) prevention & control...............prev.............PC....C, F1, F3, G3, I1
(78) psychology........................psychol..........PX....C, F3, E (except E7), M
(66) radiation effects..................rad ef...........RE....A, B, D, F1, F2, G4 thru G12, J
(67) radiography.......................radiogr...........RA....A, C
(78) radionuclide imaging.............radionuclide.......RI....A, C
(66) radiotherapy......................radiother.........RT....C
(67) rehabilitation......................rehabil..........RH....C, E4, F3
(80) secondary........................second...........SC....C4
(68) secretion..........................secret............SE....A, C4, D
(68) standards..........................stand............ST....D, E, F4, G1, G2, G3, H, I, J, L, N
(68) supply & distribution..............supply...........SD....D, E, F4, H, I, J, L, N2, N3, N4
(66) surgery............................surg.............SU....A, B2, C, F3
(66) therapeutic use...................ther use..........TU....D, H
(66) therapy...........................ther.............TH....C, F3
(66) toxicity...........................tox..............TO....D, J
(75) transmission......................transm...........TM ...C
(66) transplantation...................transpl...........TR....A
(78) trends............................trends............TD....E, F4, G1, G2, G3, I, L, N
(75) ultrastructure.....................ultrastruct.........UL....A (except A12), B, C4
(67) urine..............................urine.............UR...B2, C, D, F3
(68) utilization.........................util..............UT...E, G1, G2, G3, H, I, J, L, N
(66) veterinary.........................vet..............VE....C (except C22), E

CHECKTAGS FOR MEDLINE SEARCHING

NEVER IM (*)

ANIMAL
CASE REPORT
COMPARATIVE STUDY
FEMALE
HUMAN
IN VITRO
MALE
SUPPORT, NON-U.S., GOV'T
SUPPORT, U.S. GOV'T, NON-P.H.S.
SUPPORT, U.S. GOV'T, P.H.S.
CURRENT BIOG-OBIT
ENGLISH ABSTRACT
HISTORICAL ARTICLE
HISTORICAL BIOGRAPHY
MONOGRAPH
REVIEW

OTHER (SOMETIMES IM)

PREGNANCY

SOMETIMES IM (*)

MESH AGE GROUPS:

INFANT, NEWBORN	(to 1 month)
INFANT	(1 to 23 months)
CHILD, PRESCHOOL	(2 to 5 years)
CHILD	(6 to 12 years)
ADOLESCENCE	(13 to 18 years)
ADULT	(19 to 44 years)
MIDDLE AGE	(45 to 64 years)
AGED	(65 years and older)

SPECIFIC ANIMALS   **HISTORY OF MED.**

CATS   ANCIENT
CATTLE   MEDIEVAL
CHICK EMBRYO   MODERN
DOGS   15th CENT.
GUINEA PIGS   16th CENT.
HAMSTERS   17th CENT.
MICE   18th CENT.
RABBITS   19th CENT.
RATS   20th CENT.

Many thanks to the folks at the Mid-Continental Regional Medical Library Program for permission to reproduce this search aid.

(85) ANTIBODIES   D24.611.125
BACTERIA   B3
BACTERIAL INFECTIONS   C1.252
BEHAVIOR   F1.145
BEHAVIOR AND BEHAVIOR MECHANISMS   F1
BEHAVIORIAL AND MENTAL DISORDERS   F3
BIOCHEM PHENOM METAB   G6
BLOOD PROTEINS   D12.776.124
BRAIN   A8.186.211
CARBOHYDRATES   D9.203
CARDIOVASCULAR AGENTS   D18
CARDIOVASCULAR DISEASES   C14
CARDIOVASCULAR SYSTEM   A7
CELLS   A11
CENTRAL NERVOUS SYSTEM   A8.186
CENTRAL NERVOUS SYSTEM DISEASES   C10.228
CHEMISTRY, ANALYTICAL   E5.196
CIRCULATORY, RESPIRATORY PHYSIOLOGY   G9
DENTISTRY   E6
DIAGNOSIS, LABORATORY   E1.223
DIGESTIVE SYSTEM DISEASES   C6
ENZYMES   D8.586
EQUIPMENT AND SUPPLIES   E7
(85) GASTROINTESTINAL DISEASES   C6.405
GENETICS   G5
HEALTH FACILITIES   N2.278
HEALTH SERVICES   N2.421
HEART DISEASES   C14.280
HORMONES   D6.472
IMMUNITY   G4.610
IMMUNOLOGIC FACTORS   D24.611
LIPIDS   D10.516
MAMMALS   B2.649
MENTAL DISORDERS   F3.709
METABOLIC DISEASES   C18.452
METALS   D1.552
MISCELLANEOUS TECHNICS   E5
MOUTH AND TOOTH DISEASES   C7
(85) MUSCULOSKELETAL DISEASES   C5
NEOPLASMS   C4
NERVOUS SYSTEM   A8
NERVOUS SYSTEM DISEASES   C10
NEUROLOGIC MANIFESTATIONS   C10.597
ORGANIZATION AND ADMINISTRATION   N4.452
PHYSIOLOGY, GENERAL   G7
PROTEINS   D12.776
PSYCHOLOGIC PROCESSES PRINCIPLES   F2
REPRODUCTION, UROGENITALPHYSIOLOGY   G8
RESPIRATORY TRACT DISEASES   C8
RODENTIA   B2.649.865
SIGNS AND SYMPTOMS   C23.888
(85) SKIN DISEASES   C17
STEROIDS   D4.808
SURGERY, OPERATIVE   E4
UNITED STATES MC [as MeSH heading]   Z1.107.567.875
UNITED STATES [as place of publication] Z1.107.567.875
VASCULAR DISEASES   C14.907
VERTEBRATE VIRUSES   B4.909
VERTEBRATES   B2
VIRUS DISEASES   C2
VIRUSES   B4
WOUNDS AND INJURIES   C21.866

SAY HELLO TO...

Antoninette (Tone) Brinkman, *assistant librarian, who is working afternoons at the Medical Library in the Blodgett Memorial Medical Center in Grand Rapids with* **Brian Simmons**. *She replaces* **Kathy Nicols**, *who has moved to Norfolk, Virginia.*

Jill Hankinson, *who is the new librarian at the Borgess Medical Center in Kalamazoo. She was formerly at Upjohn. She replaces* **Jeanna Walker**, *who was, briefly, a replacement for* **Jackie Mardikian**.

Marge Kars, *who is now the assistant librarian at Bronson Methodist Hospital in Kalamazoo.* **Rob Hertel** *has been hired as her replacement at Holland Community Hospital.* **Marge** *replaces* **Kathi Obrig**, *who first went to the Business Library at Upjohn, but is now in Brussels, Belgium, with her husband.*

Julia Perez, *who is a new reference librarian at M.S.U.'s Science Library. She is a graduate of Hope College and Western Michigan University. She was previously employed at the University of Southwestern Louisiana and began work at the Science Library on August 1. A hearty "hello" to her and welcome back to Michigan!*

Pat Wolfgram, *a face who has changed jobs.* **Pat**, *who is the head of the Union List Committee, was formerly the medical librarian at Saginaw Osteopathic Hospital. She is now the medical librarian at the Midland Hospital Center.*

A FOND FAREWELL TO...

Carole Colter, *a past president of MHSLA, who has left her position as medical librarian at the Midland Hospital Center for greener (and warmer) pastures in Port Charlotte, Florida, where she is the new adult services reference librarian at a public library that she described as "busy, respected, and demanding". She says she would greatly appreciate hearing from any of us. She can be reached at 22212 Olean Boulevard, Port Charlotte, Florida, 33952 or by calling 813/629-7484. She even says that, if you're coming down her way, give her a call - she'd like to see you! (Port Charlotte is two hours from Tampa, forty minutes from Fort Myers, and an hour from Sarasota.)*

Good luck and best wishes from all of us, **Carole** - *we'll all miss you, your easy laughter, and your many contributions to M.H.S.L.A.!*

Joan Luksik, *of Mt. Carmel Hospital in Detroit, who has also moved on. The Library at Mt. Carmel is still waiting for a new library director. M.H.S.L.A. sends its best wishes with* **Joan**.

CONGRATULATIONS TO...

Helen Howley, *long M.H.S.L.A.'s archivist, who recently became* **Mrs. Helen Howley Steele**. *Her address is unchanged (1116 N. Granger, Saginaw, MI 48602) and she urges M.H.S.L.A. members to remember to send copies of just about anything to her for the archives. She'll do any weeding that's necessary, and your contributions will help tomorrow's board and committee members learn their jobs, avoid repeating programs (or mistakes), and will give the association a record of its accomplishments.*

The past few months have seen many medical librarians come and go here in Michigan (it's almost been like a game of musical chairs to keep the mailing lists current). M.H.S.L.A. will miss its old members and wishes them well in their new jobs, wherever they are, and hopes that the new medical librarians in the state will join (and be invited by its members to join) M.H.S.L.A. The best of luck, too, to those M.H.S.L.A. members who have changed positions within the state!

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The M.H.S.L.A. newsletter, published quarterly by the Publications Committee, solicits news and information of medical library interest from all readers. The subscription to the newsletter is included in the M.H.S.L.A. dues, which must be paid each year in order for the member to receive all M.H.S.L.A. mailings and to be listed in the directory. All items for the next issue must be received by October 7, 1985, in order to be considered for inclusion in that issue. Direct submissions to the chair of the Publications Committee, Stephanie C. John, at the Saginaw Health Sciences Library, 1000 Houghton Avenue, Saginaw, MI 48602, or phone 517-771-6846 or send a message via INTERACT to SAGCHHS.