



# WISCONSIN HEALTH SCIENCE LIBRARY ASSOCIATION NEWSLETTER

APRIL 1984

NO. 159

## COMING EVENTS

- April 26-27 WHSLA Annual Meeting. "Close Encounters with the New Technology." Paper Valley Hotel. Appleton, WI. Contact Mary Bayorgeon, St. Elizabeth Hospital, Appleton. (414) 738-2325
- April 26 7:00pm WHSLA Board Meeting. Appleton
- April 27 7:00am CWHSLN Meeting. Appleton
- May 2 10:00-11:50 ETN Health Sciences Library Seminars. "Quality Assurance in the Library". Ruth Holst, Instructor.
- May 3 Northwest Hospital Library Meeting. Apple River Valley Hospital. Amery.
- May 25-31 MLA Meeting. Denver.

## ETN ON QUALITY ASSURANCE

The May 2 ETN Seminars for Health Sciences Librarians will focus on "Quality assurance in the library". Since there is a quality assurance chapter in JCAH standards, this program will look at methods libraries use for QA. Ruth Holst, Director of the Medical Library at Columbia Hospital, Milwaukee will lead the program. This is the final seminar for the 1983-84 program year.

## INTROMED - A NEW MEDLARS DATABASE

A new database called INTROMED is now available on the MEDLARS system. It is a training database containing approximately 20,000 citations selected randomly from the MEDLINE database (1982 and 1983 publications). It has been designed to be of use to new searchers of MEDLINE, either health professional end users or search intermediaries. Its effectiveness is being evaluated by NLM staff in conjunction with a new seminar for health professional end user training entitled "The basics of searching MEDLINE." Because of the limited size of INTROMED, it should not be used for daily searching activities as the postings for all searches will be significantly less than those retrieved in MEDLINE. Therefore, search formulations for 'savesearch', 'storesearch', and 'offsearch' should not be run in this file. By not charging for citations or characters printed, the approximate 50% reduction in charges makes INTROMED an effective training tool for health professionals. It can also be used within organizations to provide some inhouse training, especially for backup searchers. People who have received initial or advanced training can use it to sharpen their skills.

## GMRMLN REGIONAL ADVISORY COUNCIL

The Regional Council of the Greater Midwest Regional Medical Library Network (GMRMLN) met on March 21, 1984, in Chicago. I'd like to share some brief notes on the many things discussed at the meeting.

Mr. Irwin Pizer, RML Director, reported that the Regional Medical Library (RML) contract with NLM has been renewed. One result will be the filling of the position of Program Coordinator-Evaluation at the Management Office. Applications are being accepted until April 27, 1984. Contact him for more information. At their last meeting, the RML Directors discussed what would happen if NLM would abolish the RML program. Although this is unlikely as it would mean a significant budget cut from Congress to NLM, it is possible that NLM may reconfigure into three regions. Due to legal problems involving AMA/GTNET, negotiations with the AMA Library to become a Region 3 Resource Library are at a standstill and differences are not likely to be resolved. It is also unlikely that the American Hospital Association and the American Dental Association libraries will become Resource Libraries.

Registration for the Consortia/Local Groups meeting held March 22, 23, 1984, was low. Dana Van Loo stressed that this meeting was not just for consortia coordinators, but for all members of consortia or local groups. To help it become more cost-effective, it was suggested that this meeting be held in conjunction with another meeting in the Region.

There was a discussion on the simplification of ILL statistics reported to the Management Office. The Document Delivery Committee will work on this. I'll let you know as soon as any change is announced.

By November, nine more (nearly all) of the Resource Libraries in Region 3 will be added to the GMRMLN Union List of Serials microfiche. They plan to keep the cost of the Union List at \$55.00 even though it will be a larger list. The Locator List Committee is doing a survey to determine the feasibility of adding basic units to this list. Our state union list, which is part of the same database as the GMRMLN, is not part of the GMRMLN Union List of Serials microfiche.

NLM will continue to fund the Regional Online Union Catalog through 1984. Guidelines to recover the costs of operating the Catalog have been established but will not be necessary until 1985. By the end of April all Resource Library holdings from the old KOM Region will be added and those with holdings already in will be updated. After that, monthly updates are expected.

NLM is working to make it's databases more user-friendly. They are looking for people interested in training end-users in the Region. If this is an interest of yours, please contact me immediately. A training course for trainers will be offered in October. PDQ2 is more user-friendly and NLM is planning a media blitz on it. Be watching for this - you may get questions from physicians wanting to use it on their home or office computers.

The Management Office has prepared an Un(der) served Program/ Resources Awareness for End Users to be tested in three sites in Indiana. It is planned that the information packet and presentation developed for this program will be available for use in other un(der) served areas. The State Councils of North Dakota and South Dakota have developed their own un(der) served programs.

The Technology Application Committee prepared an impressive program plan. They will be sending out a survey to be completed in June. Be looking for that and other developments from this Committee.

Collection Development Funds from NLM for 1984 will be distributed by application. Criteria to be used in making awards will include: 1) the development of a subject area not yet adequately covered in the Region; 2) the ability of the library to provide housing, maintenance, and region-wide access to the materials. Applications may be submitted by any Resource or Basic Unit Library. Requests for any amount from \$2,000 to \$25,000 will be considered. Each proposal must be endorsed by the State Council to prevent duplication. Proposals, with endorsement, must be submitted to the Management Office by August 1, 1984. The Wisconsin State Council will meet on April 27, 1984 in Appleton to discuss this and will get more information out after that. If you have suggestions for a statewide project, please contact me soon.

The Online Update Clinic will be held on October 24, 1984 in Cedar Rapids, Iowa, in conjunction with the MC/MLA meeting. The Regional Council will probably be meeting there also.

Since the Regional Council completed its work on Wednesday, we were invited to attend the Consortia/Local Groups meeting on Thursday. This was most worthwhile. The highlight of the program was Penny Griffith's workshop on Time Management.

-Deb Nordgren  
Wisconsin Representative-GMRMLN  
Howard Young Medical Center, Woodruff

WHSLA ONLINE USERS GROUP

The WHSLA Online Users Group and UW-Extension Communications has finalized the 1984-85 continuation of a special series on health science library database searchers. Registration forms will be in the Summer Continuing Education Issue.

TITLE: Health Sciences Online Users

Course Description:  
Online searchers' program on health sciences information and retrieval is a series designed for enhancing searching skills. It also addresses problems arising from changing technology in health science online computer services

Session I  
November 15  
Time: 1-2:50 p.m.

NLM Update Review  
Instructor: Pat Pinkowski  
Chicago, GMRMLN

Session II  
January 31, 1985  
Time: 1-2:50 p.m.

Guidelines for Teaching End-Users  
Instructor: Gertrude Foreman  
University of Minnesota, Biomedical Library

Session III  
March 28, 1985  
Time: 1-2:50 p.m.

Trouble Shooting and Cost Effective Searching  
Instructors: Wanda Auerbach and Linda Oddan  
UW-Madison, Middleton Health Science Library, Waukesha Memorial Hospital Medical Library.

Fee: To be announced.

-Jackie Glick, Chair, Online Users Group  
MCW Libraries, Milwaukee

MIDDLETON'S SERIALS LIST

The Serials List for both the Weston and Middleton units of the Center for Health Sciences Library is now available. An order form for your convenience is included in this Newsletter.

CONSORTIA AND LOCAL GROUPS: A CHANGING ENVIRONMENT

What was formerly known in MHSLN as the Consortium Coordinators meeting was held in Chicago March 24-25 as the Consortia/Local Groups Meeting for GMRMLM. One of the major changing environments for this regional network program is the diminishing number of attendees. The Regional Council was compelled to address this issue at its meeting prior to the Consortia/Local groups meeting. Since next years meeting must be self supporting with no federal contract funds provided by NLM, the Council discussed the feasibility of holding the meeting in conjunction with another regional meeting. Persons in attendance expressed the need for continued face to face communication within the Network. There are some important issues pertaining to libraries that are best handled at the library network level not necessarily at MC/MLA or MLA.

The program itself was of high quality with a variety of speakers addressing issues that hospitals and hospital libraries are facing due to the current economic times. The range of speakers from within the profession and outside the profession created a well balanced exchange of ideas.

-Barbara Schmiechen  
State Coordinator

CLENE CONTINUING EDUCATION ASSESSMENT TOOL

Kay Cimpl has provided a copy of the Continuing Library Education Network and Exchange (CLENE) brief publication "Self-assessment and the Learning Contract". It is elsewhere in the Newsletter.

NEW WHSLA MEMBERS

Dolores Nemeo  
F.B. Power Pharmaceutical Library  
School of Pharmacy  
University of Wisconsin  
425 North Charter Street  
Madison, WI 53705

(Mrs.) Helen Kreigh  
U.W. Wisconsin-Madison  
Middleton Health Sciences Library  
1305 Linden Drive  
Madison, WI 53706

Loretta M. Bakken  
St. Mary's Hospital  
Medical Center Library  
707 S. Mills Street  
Madison, WI 53715

Marilyn Van Ryan  
Sacred Heart Hospital  
216 N. 7th Street  
Tomahawk, WI 54487

Susan L. Houkom  
Medical College of Wisconsin  
Todd Wehr Library  
8701 Watertown Plank Rd.  
Milwaukee, WI 53226

Shantha Jhansale  
Medical College of Wisconsin  
Todd Wehr Library  
8701 Watertown Plank Rd.  
Milwaukee, WI 53226

Claudia M. Cramer  
P. O. Box 351  
Janesville, WI 53545

EDITOR'S NOTES

- 1) The next Newsletter deadline is May 2.
- 2) I am attempting to maintain a centralized list of State resources in the Coordinator's Office. One of those important resources is the list of MEDLINE centers. Please let me know if your institution has added computer searching within the past year.

Barbara Schmiechen  
Editor

Lu Reuter  
Word Processor

WISCONSIN HEALTH SCIENCE LIBRARY ASSOCIATION

MEMBERSHIP APPLICATION FORM

NEW \_\_\_\_\_ RENEWAL \_\_\_\_\_ COUNTY \_\_\_\_\_

NAME \_\_\_\_\_

HOME ADDRESS \_\_\_\_\_ BUSINESS ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_ PHONE \_\_\_\_\_

- Committees on which I would be interested in serving:
- ( ) Nominating ( ) Membership ( ) Program ( ) Continuing Education  
 ( ) Election ( ) Guidelines ( ) By-Laws ( ) Legislation

Comments \_\_\_\_\_

Please enclose the \$5.00 annual dues and mail to Patricia Craven, Treasurer, WHSLA. St. Marys Medical Center Library, 707 S. Mills, Madison, WI 53715.

NOW AVAILABLE

The Library of the Center for Health Sciences

University of Wisconsin - Madison

LIST OF SERIALS

- Over 7,000 titles
- Hard copy
- 12 x 18 - wide computer paper size

Cost - \$15.00 (this includes mailing and handling)

Orders must be prepaid. Make check payable to:

Middleton Health Sciences Library  
 (UW-Madison Departments should process  
 an Internal Requisition)

Send to: Pam Smith, Administrative Assistant  
 Middleton Health Sciences Library  
 1305 Linden Drive  
 Madison, WI 53705

ORDER FORM

Please reserve \_\_\_\_\_ copies of the UW-Madison Center for Health Sciences Library List of Serials.

I am enclosing \$ \_\_\_\_\_

Send to: Name \_\_\_\_\_  
 Institution \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_

Date \_\_\_\_\_ Librarian/Library Manager \_\_\_\_\_

Please enclose mailing label.

CLENE: THE CONTINUING LIBRARY EDUCATION NETWORK AND EXCHANGE

SELF-ASSESSMENT AND THE LEARNING CONTRACT:  
A SYSTEMATIC AND PERSONAL APPROACH TO LEARNING

This flyer has been prepared by CLENE members to give you a capsule version of two continuing education techniques which are becoming more popular with individuals in pursuit of their own learning. Since the primary focus of continuing education is the individual, self-assessment and the use of a personal learning contract are natural developments which we can expect to see more widely used. Self-assessment had a role in the 1978-79 CLENE statewide continuing education institute and it was also the topic of our 1979 Assembly workshop at Dallas. We encourage you to use these techniques in planning your own continuing education program and to share the concepts with colleagues and friends at home.

Instructions:

The purposes of self-assessment and learning contracts are to better identify our learning needs in the context of personal life and work experience; to establish realistic learning objectives to meet these needs; to identify the ways in which we can best learn according to our own learning style and environment; and, to establish the ways in which we will know how well we are meeting our learning objectives.

Your first step in this personalized approach to learning will be to find a good thinking place where you can spend some quality time with yourself. Consider your interests, specific educational needs (work or life related), and the personal and professional goals which you would like to prepare yourself for. Your interests and needs are considered separately because what you want to learn may not necessarily coincide with what you need to learn. A list of sample questions is provided here which will help you focus on these needs and wants in order to set priorities for your learning program. Throughout this flyer we have economized on space to give you the whole model, but in a shortened form. You will want to make your own question sheets and forms.

Self-Assessment Questions:

1. Interests
  - a. Of my own personal interests, the following are most important to me:
  - b. My professional interests tend to focus on the following areas:
2. Needs
  - a. The skills or areas of knowledge which I most need to do a good job in my present work situation are (administration, research, storytelling techniques, computer technology, etc.):
  - b. Among my list in 2a, I know the least about and should learn more about the following:
3. Goals for Professional Growth
  - a. Right now, my overall professional goals are:
  - b. In order to help me work towards these goals, I need to learn:

4. Goals for Personal Growth (which may well affect professional goals too)

- a. My personal strengths and assets are (physical, mental, interpersonal communication skills, etc.):

5. Summary of Assessment

Looking over the lists I have made, I would like to spend next year or so improving and growing in the following areas (one suggestion is to choose those of greatest priority and at least one from each of the four areas):

While self-assessment is a very personal process, no one assumes that you won't need some help in identifying your own learning needs. Talk with someone who might have the experience or knowledge to help you identify what you should consider in this process. Let's assume you have decided it is time in your career to plan for becoming President of the American Library Association. You discuss this with past Presidents, individuals who also ran, members of ALA council, Executive Board and staff of ALA. You may even want to talk with people who have been in this position in other associations. With this guidance, you can then rough out a way to isolate the needs you will base your learning program on.

My overall goals	Skills to meet goals	My skills	What I need
President of ALA	Political Leadership	Small group communication	Public speaking

Once you are satisfied that you have identified the learning needs which you should begin to address, it is time to develop a learning contract which will help you move towards the realization of your learning goals. The elements of this next step are listed with a framework to use in setting up your learning program.

Personal Learning Contract

Now that you have a starting place to build your learning program from, it is time to identify specific objectives and design a learning contract with yourself. You may well need help in doing this process as you did in identifying learning needs, and there are many places for this kind of help. If there isn't a librarian type to help you, you may get some assistance from a local Community-Based Educational Counseling for Adults (CBECA) program or its equivalent. Again, the brevity of this flyer allows us only to give you the general areas for consideration in the contract and a sample of what forms you may want to use.

LEARNING CONTRACT

Learning Objectives "What Am I Going To Learn?"	Learning Resources & Strategies "How Will I Learn It?"	Evidence of Accomplishment of Objectives "How Will I Know I Learned It?"	Criteria & Means for Validating Evidence "How Will I Prove I Learned It?"

1. What Am I Going to Learn--Specific Learning Objectives

Translate each of the learning needs you assessed in item 5 above into a learning objective and place this in column 1 of the Contract illustrated. Objectives should describe what is to be learned, not what is to be done. State your learning objectives in terms that are most meaningful to you--content acquisition, behaviors, or directions of growth. Remember to use action verbs and to be as clear as possible.

2. How Will I Learn It--Specify Learning Resources and Strategies

In column two of the contract, describe proposed ways in which you can best meet each objective. Identify the resources (material and human) and list the strategies (techniques and tools) to be employed in making use of them. Write down as many possibilities as you can. Several types of learning activities are suggested in this flyer to give you an idea of the many possibilities to choose from.

3. How I Will Know I Learned It--Specify Evidence of Accomplishment

In the third column, "Evidence of Accomplishment of Objectives," describe the evidence you will collect to indicate the degree to which each objective has been achieved. Use measure which makes the most sense to you.

4. How Will I Prove I Learned It--Specify How the Evidence Will Be Validated  
Specify criteria for each objective. Next, list the means proposed to use as evidence to judge according to these criteria.

5. Review Contract With Consultants

To strengthen the quality of the contract, review it with one or two friends, supervisors, or other expert resource persons and get reactions and suggestions.

6. Carry Out The Contract

As you work on carrying out the contract, notions about what is to be learned may be changed. If this is the case, revise the contract accordingly.

7. Evaluation of Learning

One of the simplest ways to get some assurance that learning objectives have been achieved is to ask the consultants used in Step 5 to examine the evidence and validation data and give their judgment on your accomplishments.

You may want to set time limits for yourself to achieve each objective, depending on a realistic assessment of time available and your motivation.

As you proceed with your plans, keep a log of time spent and what you did. This log can be used in assigning continuing education credit. You may find it helpful to record your learning activity and your accomplishments even if you are not interested in credit. This kind of information provides additional guidance to your learning program.

RECORD OF LEARNING ACTIVITY

Inclusive Dates of Attendance	Provider (if Applicable)	Description of Learning Activity	No. of Hours
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Types of Learning Activities To Consider in Meeting Your Learning Objectives\*

- Educational activities which are part of a planned program, sponsored by a "responsible" provider (workshop, academic courses taken for credit or by audit, independent study, seminars, institutes, short courses, etc.)
- Special activities not part of a planned program--(journal clubs, study groups, association meetings with specific educational objectives, lecture series, etc.)
- Non-supervised individual activities--(personal use of any A/V devices such as audio and video tapes, film-strips, films; programmed materials; individual reading projects).
- Papers, publications, books, presentations and exhibits--(self-explanatory but quality control criteria will specify how to assess this category activity).
- Teaching assignments.
- Other meritorious learning activity--(activities not covered in the previous categories but meet criteria for quality and show evidence of why it was chosen, how it was planned, how it was carried out and how it was evaluated as well as indication of any supervision).
- Association activities (projects, papers, educational programming).

\*CLEN's work on a national voluntary recognition system for your continuing education accomplishments will add to this list, clarify each activity, provide a general measurement concept for the activities and establish quality control criteria for evaluating activities as well as programs. To learn more about this Project, contact CLENE for the full report or Concept Paper #6, "Recognition For Your Continuing Education Accomplishment."

If you want to learn more about the techniques of self-assessment and planning your own learning contract, the best place to look is a small book by Malcolm Knowles, Self-Directed Learning: A Guide for Learners and Teachers.

**CLENE**  
INC.  
CONTINUING LIBRARY  
EDUCATION NETWORK  
AND EXCHANGE

620 Michigan Avenue, N.E.  
Washington, D.C. 20004  
(202) 526-5825

MEDICAL LIBRARY SERVICES  
William S. Middleton Health Sciences Library  
University of Wisconsin  
1305 Linden Drive  
Madison, Wisconsin 53706

AUDIOVISUALS AVAILABLE FROM MIDDLETON LIBRARY  
FOR CIRCULATION TO THE STATE

NEUROLOGY REVIEW

AC  
980  
83(5) CENTRAL NERVOUS SYSTEM MANIFESTATIONS OF  
SARCOID--Martin.  
ALCOHOL AND THE BRAIN: NEW CONCEPTS--  
Diamond.  
1 audiocassette 60 min. (Neurology  
Review, 1983, Issue 5.)

AC  
980  
83(6) EYE PAIN AND THE NEURO-OPHTHALMOLOGY OF  
HEADACHE--Daroff.  
MYOGLOBINURIA--Rowland. CLINICOPATHOLOGIC  
DISCUSSION--Fishman.  
1 audiocassette, 60 min. (Neurology  
Review, 1983, Issue 6.)

PRACTICAL REVIEWS IN PATHOLOGY

AC  
981  
8(12) Vol. 8, no. 12.  
1 audiocassette, 1983.

ORTHOPOAEDICS

AC  
988  
7(3) CHYMOPAPAIN-COLLAGENASE/BONE MALIGNANCY/  
EXOSTOSES.  
audiocassette. 60 min. handout. Audio-  
Digest Foundation. 1984. (Audio-Digest.  
Orthopaedics. v.7, no.3)

PSYCHIATRY

AC  
989  
13(5) DISORDERS IN CHILDREN AND ADOLESCENTS.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Psychiatry. v.13, no.5)

AC  
989  
13(6) THE TREATMENT-RESISTANT PSYCHIATRIC  
PATIENT.  
Audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984 (Audio-  
Digest. Psychiatry. v.13, no.6)

SURGERY

AC  
990  
31(4) CRITICAL CARE.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Surgery. v.31, no.4)

AC  
990  
31(5) BILIARY SURGERY.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Surgery. v.31, no.5)

AC  
990  
31(6) THE JAUNDICED PATIENT.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Surgery. v.31, no.6)

PEDIATRICS

AC  
991  
30(5) PROTEINURIA/ACUTE RENAL FAILURE.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Pediatrics. v.30, no.5)

AC  
991  
30(6) THE GAY ADOLESCENT IN PEDIATRIC PRACTICE.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Pediatrics. v.30, no.6)

FAMILY PRACTICE

AC  
992  
32(9) CLINICAL HYPNOSIS.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Family Practice. v. 32, no.9)

AC  
992  
32(10) OBESITY AND NUTRITION.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Family Practice. v.32, no.10)

AC  
992  
32(11) ELECTROLYTE DISORDERS.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Family Practice. v.32, no.11)

AC  
992  
32(12) CARDIOLOGY UPDATE.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Family Practice. v.32, no.12)

AC  
992  
32(13) CANCER: THERAPEUTIC ADVANCES & DILEMMAS.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Family Practice. v.32, no.13)

INTERNAL MEDICINE

AC  
995  
31(5) CARDIOLOGIC CHALLENGES.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Internal Medicine v.31, no.5)

AC  
995  
31(6) NEUROLOGICAL PROBLEMS.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Internal Medicine. v.,31, no.6)

OBSTETRICS AND GYNECOLOGY

AC  
996  
31(5) CERVICAL CANCER.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. Audio-  
Digest. Obstetrics/Gynecology. v.31,  
no.5)

AC  
996  
31(6) HIGHLIGHTS FROM 12TH ANNUAL MEETING OF  
AMERICAN ASSOCIATION OF GYNECOLOGIC  
LAPAROSOPISTS.  
audiocassette. 60 min. handout.  
Audio-Digest Foundation. 1984. (Audio-  
Digest. Obstetrics/Gynecology. v.31,  
no.6)

GENERAL AUDIOVISUAL PROGRAMS

MM 798 SMOKING AND HEALTH. Spenco Medical Corp., 1976. 20 slides, 1 audiocassette, 23 min., script. (Relates the effects of smoking by showing examples lung cancer, emphysema, heart attacks, bladder cancer, strokes and other conditions.)

VC 836 1-6 THE PLANNING AND CONTROL PROCESS IN ACADEMIC MEDICAL CENTERS: A STUDY FOR SENIOR PERSONNEL. A series of 5 videocassettes from the Association of American Medical Colleges, 1979. In 3/4" format. Consists of these parts:

- 1. Strategic Planning: A framework for Managerial Decision Making--Robert N. Anthony's Three Levels of Planning and Control. (14 min.)
2. Simon's Stages of Decision Making. (10 min.)
3. Time, Your Most Precious Possession. (22 min.)

VC or AC 837 545

GERM CELL TUMORS: NATURAL HISTORY AND TREATMENT. Robert B. Golbey. St. Luke's Hospital, Milwaukee, 1983. 3/4" videocassette or 1 audiocassette, 52 min. Presented Sept. 22, 1983 at the Security Savings & Loan Cancer Lectureship Series.

VC or AC 838 546

NATURAL KILLER CELLS AND THEIR ROLE IN RESISTANCE AGAINST CANCER. Ronald B. Herberman. St. Luke's Hospital, Milwaukee, 1983. 3/4" videocassette or 1 audiocassette, 56 min. Presented Oct. 20, 1983 at the Security Savings & Loan Cancer Lectureship Series.

JOURNAL FORMAT

Any listing of journals for the Journal Exchange should be typed on 8 1/2" X 11" white paper using 1/2 inch margins. The columns should be typed no wider than 3 inches. This allows for cutting, pasting, reduction and paper savings.

SAMPLE FORMAT

8 1/2" x 11" white paper

Two Columns

NEW! 2 inch margin

Consultant V.8:6,8,11,12,1976, V. 9:1,4-8, 11,1977; V. 10:5, 1978.
Cross Reference of Human Resources Management V. 8,#1,2,5, 1978.
Family Health V.8:6,8,11,12, 1976; V. 9:1,4-8, 11,1977; V. 10:5, 1978.

Journal of Nursing Education V.1:1-3, 1962.
Journal Nursing Administration Vol. 10,2,3,4, 1980.
New England Journal of Medicine V. 281, 24,25, 1969 V. 282,15,17,18,21,24, 1970.

3 inches across



ST. FRANCIS HOSPITAL  
Health Science Learning Center  
3237 So. 16th St.  
Milwaukee, WI 53215

ACHES AND PAINS

V. 1 No. 1 1980  
4 9-12 1983

AMER. FAMILY PHYSICIAN  
V. 28 No. 2,6 1983

AMER. JNL OF CLINICAL PATHOLOGY  
V. 76 No. 2,3,4,6 1981  
77 1-4 1982

AMER. JNL OF NURSING  
V. 83 No. 1-12 1983

AJR  
V. 135 No. 1 1980

AMER. JNL OF PROCTOLOGY, GASTROEN-  
TEROLOGY & COLON & RECTAL SURG.  
V. 34 No. 11 1983

AMER. JNL OF PUBLIC HEALTH  
V. 74 No. 1 1984

AMERICAN MEDICAL NEWS  
V. 26 No. 33,34,37-40,45 1983

ANESTHESIOLOGY  
V. 53 No. 5,6 1980  
57 3-6 1982

ANNALS OF EMERGENCY MEDICINE  
V. 9 No. 3,4,5,11,12 1980

ARCHIVES OF INTERNAL MEDICINE  
V. 143 No. 12 1983

BEHAVIORAL MEDICINE  
V. 6 No. 1-12 1979

CANCER NURSING  
V. 3 No. 3 1980

CARDIOVASCULAR REVIEWS & REPORTS  
V. 4 No. 9-12 1983

CLINICAL OBSTETRICS & GYNECOLOGY  
V. 23 No. 1,2 1980

CLINICAL SYMPOSIA  
V. 35 No. 4,5,6 1983

COMPUTE  
V. 5 No. 12 1983  
6 1 1984

CONSULTANT  
V. 23 No. 9,10 1983

CONTEMPORARY OB/GYN  
V. 22 No. 3-6 1983

CONTEMPORARY NUTRITION  
V. 8 No. 9,10 1983

CONTEMPORARY SURGERY

V. 23 No. 3,4,6 1983  
24 1 1984

CONT. EDUCATION FOR THE FAMILY PHYSICIAN  
V. 18 No. 9-12 1983

CUTIS  
V. 30 No. 4 1982

DAIRY COUNCIL DIGEST  
V. 54 No. 5 1983

DIAGNOSIS  
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