

# Bi feedback

University of South Alabama Biomedical Library Newsletter  
<http://southmed.usouthal.edu/library/> Issue #58 Summer 2003

## In This Issue:

Director's Message...1
Wireless Access .....1
Faculty and Staff News.....2
JAMA & Nature Needed.....2
Library Hours & Phone Numbers.....2
Serial Costs.....3
User Satisfaction.....3
NCBI.....4
SCIRUS.....4
Library Classes.....5
USA Online.....5
Dissertation and Thesis Writers take note...5
Recent Acquisitions ..6
PDA Software .....7
MDC Mobile.....7
Faculty Publications .8
Medical Informatics Fellowship ..... 10
Electronic Databases..... 11
SOUTHmed Update..... 12



## Message from the Director

As the Spring Semester comes to a close we have begun looking at library services and resources for the coming fiscal year. Unfortunately, the news this time isn't good.

The Biomedical Library is facing very significant cuts for the 2003-2004 fiscal year. This will require cutting several hundred thousand dollars from current library expenditures. This is not an easy challenge and the mandated cuts will have an impact on virtually all aspects of the Biomedical Library's operation.

The situation is made worse by the news that we will be facing an increase of approximately 12% in our current journal expenditures. In addition to factoring in the mandated cuts from our current budget, we have to factor in the projected journal cost increase of approximately \$114,000.

We will do our best to minimize the effect this has on the Biomedical Library operation but it is clear that all library users will feel the "pinch". There will be cuts in the total number of print journals we receive as well as cuts in the electronic, full-text titles to which we currently have access.

With the national, state, and University budget crunch we have been experiencing over the last several years it has become necessary for "belt-tightening" by all departments. We will do what we can to keep our users informed as to the titles cut but we cannot guarantee that particular favorites will not be cut.

-- Thomas L. Williams

## Wireless Internet Access

The Biomedical Library is pleased to announce the addition of wireless Internet access at our main campus site. To use the system you will need a notebook computer with a wireless network adapter card. Many new notebook computers come with this already built in, but if yours does not, they can be purchased for less than \$100.00 from local retailers. You will need to fill out a registration form and bring in your notebook so we can grant you access to our system. Once this is done you can browse the Internet from any location within the range of our system. For more information and a registration form, see <http://southmed.usouthal.edu/library/wireless.html>.

-- Fletch Bowling

## New Library Faculty



The Library welcomes J. Michael Lindsay as our new Electronic Resources/Collection Development Librarian. He is a recent graduate of the University of Tennessee at Knoxville. If you want to suggest an item for purchase by the library or have a question about the Library's Electronic Journals page, contact him by calling 251/460-6894 or send him a message at [jmlindsay@bbl.usouthal.edu](mailto:jmlindsay@bbl.usouthal.edu). Mr. Lindsay is the library liaison with the departments of Endocrinology, Nephrology, Pulmonary Medicine, Rheumatology, and Microbiology in the College of Medicine.

## Posters Presented

Library faculty and staff participated in the recent university wide Research Forum with the presentation of three posters focusing on outreach programs and interlibrary loan. The same three posters were presented at the April 1-3, 2002, Alabama Library Association Annual Convention, held at the Mobile Convention Center.

## JAMA & Nature Missing Issues Needed

The library needs the following two issues to have complete runs of these titles.

JAMA 268 (21), December 5, 2001  
Nature 418 (6875), July 18, 2002

If you can provide either of these issues, please bring it to one of our libraries or contact Diane Williams at [dnwillia@jaguar1.usouthal.edu](mailto:dnwillia@jaguar1.usouthal.edu) or (251) 460-6893.

## Library Represented at Medical Library Association

The annual meeting of the Medical Library Association was held in San Diego, CA, May 2-7, 2003. Several library faculty were active participants: **Jie Li** finished up a year as Chair of the International Cooperation Section and continues as the MLA News' column editor for International News. **Ellen Sayed** is the Section's newsletter editor and serves as the coordinator of our library's relationship with Holberton Hospital Library in Antigua as a Sister Library. **Justin Robertson** is designing a website for the Section and one for our Sister Library. **Justin Robertson** also served on the Local Arrangements Committee. **Judy Burnham** served on the National Program Committee and her work included the selection and coordination of poster presentations. **Ellen Sayed** and **Tom Williams** presented a poster, "Service Beyond our Borders." Another poster, "Project Management: Establishing and Implementing an Information Network in Rural South Alabama," was presented by **Jie Li, Judy Burnham, Ellen Sayed, Tom Williams, Fletch Bowing** and **Robbie Runderson**. A paper by **Clista Clanton**, "Evidence Based Databases Versus Primary Medical Literature: An Inhouse Investigation On Their Optimal Use," was presented by a co-author.

-- Geneva Staggs

### LIBRARY SERVICE NUMBERS

#### General Information:

Campus	(251) 460-7043
UMC	(251) 471-7855
C&W	(251) 415-8586
Fax Campus	(251) 460-7638
UMC	(251) 471-7857
C&W	(251) 415-8587

#### Administration:

Director, Tom Williams	(251) 460-6885
<a href="mailto:twilliam@bbl.usouthal.edu">twilliam@bbl.usouthal.edu</a>	
Secretary, Bonnie Seibert	(251) 460-6885

#### Public Services and Education:

Geneva Bush Staggs	(251) 460-7044
<a href="mailto:gbush@jaguar1.usouthal.edu">gbush@jaguar1.usouthal.edu</a>	

#### Reference Services

Campus	(251) 460-7044
UMC	(251) 471-7855
C&W	(251) 415-8586

#### Circulation

Campus	(251) 460-7043
UMC	(251) 471-7855
C&W	(251) 415-8586

Interlibrary Loan (251) 460-6891

#### Regional and Technical Services:

Judy Burnham	(251) 460-6888
<a href="mailto:jburnham@jaguar1.usouthal.edu">jburnham@jaguar1.usouthal.edu</a>	

### SUMMER HOURS

MAY 23 - AUGUST 17, 2003

#### Charles M. Baugh Library (Campus)

Monday-Thursday	7:15am - 10:00pm
Friday	7:15am - 5:00pm
Saturday	9:00am - 5:00pm
Sunday	1:00pm - 8:30pm

#### Medical Center Site (1st floor Mastin Building)

Monday-Thursday	8:00am - 6:00pm
Friday	8:00am - 5:00pm
Saturday	9:00am - 5:00pm
Sunday	Not staffed

#### Children's and Women's Site

Monday-Friday	8:00am - 5:00pm
Saturday and Sunday	Closed

E-mail - [medlib@bbl.usouthal.edu](mailto:medlib@bbl.usouthal.edu)

<http://southmed.usouthal.edu/library>

#### Holiday Hours:

Memorial Day, May 26, Closed  
Independence Day, July 4, Closed  
Extended hours for finals, July 25-26, Campus location open until 10:00pm

For additional information on hours see:

<http://southmed.usouthal.edu/library/circ/hours.htm>

### BIOFEEDBACK, New Series, Issue #58, Summer 2003

Biofeedback, the Biomedical Library Newsletter, a publication of the University of South Alabama Biomedical Library, is published at irregular intervals. Editor: Geneva Staggs. Contributors to this issue were Fletch Bowling, Judy Burnham, Clista Clanton, Jie Li, Justin Robertson, Geneva Staggs, Diane Williams, Tom Williams. Comments should be addressed to Geneva Staggs, Biomedical Library, University of South Alabama, Mobile, AL 36688-0002 or by email at: [gstaggs@jaguar1.usouthal.edu](mailto:gstaggs@jaguar1.usouthal.edu).

## How Well Is the Library Doing What You Expect the Library to DO?

The Biomedical Library participated in a nationwide survey called LibQUAL+. Developed collaboratively by the Association of Research Libraries and Texas A&M University, LibQUAL+ is a research and development project that provides a method to define and measure library service quality across institutions.

Since over 170 academic and health sciences libraries participated in this research project, the results, as they are analyzed, will provide valuable bench-marking data and help identify best practices.

For each survey item patrons were asked to identify their “*minimum service level*,” “*desired service level*,” and “*perception of the library’s service performance*” on a scale of one to nine (low to high). The LibQUAL+(TM) tool measures library users’ perceptions of service quality and identifies gaps between desired, perceived, and minimum expectations of service. The Biomedical Library will use this data to assess whether library services are meeting user expectations.

Service or Resource	Minimum	Desired	Perceived	Gap
Complete run of journal titles	6.45	7.95	6.62	0.17
DD/ILL	6.59	7.99	7.25	0.66
Interdisciplinary needs addressed	6.27	7.51	6.88	0.6
Print collection	6.31	7.81	6.66	0.35
E-resources available home/office	7.01	8.34	6.94	-0.07
Modern equipment	6.75	8.26	6.76	0.01
Library website	6.86	8.29	7.08	0.22
Easy-to-use access tools	6.7	8.21	6.98	0.28
Information easily accessible	6.76	8.16	7.17	0.41
Convenient access to library collections	6.69	8.23	6.92	0.23
Providing health info when/where needed	6.71	8.06	6.94	0.23
Teaching	6.47	7.91	7	0.53
Access to info for patient care	7.08	8.29	7.19	0.11
Comprehensive electronic resources	7.14	8.41	7.14	0.01

## Serials Costs Increase

The cost of scientific, technology, and medical (STM) journals for 2004 is expected to increase by 12%. Domestic publications will increase by 7.73% and foreign imprints by 7.21%. This chart shows average costs of medicine titles by country of publication:

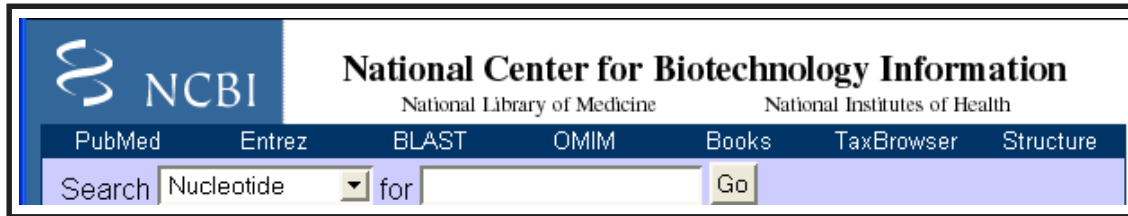
Average Cost of Medicine Titles (by country of publication)					
USA	UK	Netherlands	Germany	Switzerland	France
\$547.42	\$362.12	\$1,358.82	\$477.66	\$1,189.69	\$134.20

Because of budgets concerns expressed by Mr. Williams in his “*Director’s Message*” (see page 1), journal usage and cost statistics are being evaluated to determine titles that need to be retained and those that can be cut. As in previous years, faculty will be consulted before final cuts are made. However, because of financial constraints, we cannot guarantee that all desired titles will be retained.

Elsevier (publishing in the Netherlands), is currently the dominant producer of STM journals. The October 30, 2002 issue of Forbes Magazine had this to say about Elsevier: “If you are not a scientist or a lawyer, you might never guess which company is one of the world’s biggest in online revenue. Ebay will haul in only \$1 billion this year. Amazon had \$3.5 billion in revenue, but is still, famously, losing money. Out performing them both is Reed Elsevier, the London-based publishing company. Of its \$8 billion in likely sales this year, \$1.5 billion will come from online delivery of data and its operating margin on the Internet is a fabulous 22%.” The Biomedical Library currently subscribes to 120 Elsevier titles at a total cost of \$274,973, and subscribes to ScienceDirect, the electronic access to the Elsevier titles at a cost of \$22,000. These costs, along with costs for other titles will be reviewed.

-- Judy Burnham

## What's New At <http://www.ncbi.nlm.nih.gov/>



The National Center for Biotechnology Information's (NCBI) mission is to develop new information technologies to aid in the understanding of fundamental molecular and genetic processes that control health and disease. Accordingly, the NCBI creates automated systems for storing and analyzing knowledge about molecular biology, biochemistry, and genetics; facilitates the use of such databases and software by the research and medical community; coordinates efforts to gather biotechnology information both nationally and internationally; and performs research into advanced methods of computer-based information processing for analyzing the structure and function of biologically important molecules.

Databases and software tools offered without charge by NCBI include:

- GenBank: a database of nucleotide sequences from >130,000 organisms
  - Online Mendelian Inheritance in Man (OMIM): continuously updated catalog of human genes and genetic disorders, with links to associated literature references, sequence records, maps, and related databases.
  - Molecular Modeling Database (MMDB) of 3D protein structures: a database of three-dimensional biomolecular structures derived from X-ray crystallography and NMR-spectroscopy.
  - Unique Human Gene Sequence Collection (UniGene), a Gene Map of the Human Genome: ESTs and full-length mRNA sequences organized into clusters that each represent a unique known or putative gene within the organism from which the sequences were obtained.
  - Cancer Genome Anatomy Project (CGAP): interdisciplinary program to identify the human genes expressed in different cancerous states, based on cDNA (EST) libraries, and to determine the molecular profiles of normal, precancerous, and malignant cells.
  - PubMed: a Web search interface that provides access to over 11 million journal citations in MEDLINE and contains links to full-text articles at participating publishers' Web sites.
  - BLAST: a program for sequence similarity searching developed at NCBI instrumental in identifying genes and genetic features. BLAST can execute sequence searches against the entire DNA database in less than 15 seconds.
- Additional software tools provided by NCBI include: Open Reading Frame Finder (ORF Finder), Electronic PCR, and the sequence submission tools, Sequin and BankIt.
- Entrez: NCBI's search and retrieval system that provides users with integrated access to sequence, mapping, taxonomy, and structural data. Entrez also provides graphical views of sequences and chromosome maps. A powerful and unique feature of Entrez is the ability to retrieve related sequences, structures, and references.

All of NCBI's databases and software tools are available from the WWW (<http://www.ncbi.nlm.nih.gov/>) or by FTP. NCBI also has email servers that provide an alternative way to access the databases for text searching or sequence similarity searching.

(Source: National Center for Biotechnology Information - <http://www.ncbi.nlm.nih.gov/About/index.html>)

--Clista Clanton

## SCIRUS - <http://www.scirus.com>

Scirus is a comprehensive science-specific search engine. Driven by the latest search engine technology, it enables anyone searching for scientific information to chart and pinpoint data, locate university sites and find reports and articles quickly and easily. Locating scientific information on the web is easy with Scirus because it:

- Focuses only on web sites containing scientific content - quickly pinpointing key data by targeting sites that conventional search engines cannot find, such as university Web sites and author homepages.
- Searches both free and journal sources.
- Locates peer-reviewed articles.
- Delves deeper into Web sites than most search engine 'spiders' or 'crawlers' and indexes complete documents.
- Reads non-text files - allowing you to locate vital PDF and PostScript files that so often are invisible to other search engines.

-- Judy Burnham



## Classes Offered

### Classes Web Page:

<http://southmed.usouthal.edu/library/ref/classes.htm>

The following classes are offered year-round by the Biomedical Library. Advanced registration is required. For more information contact the reference desk at (251) 460-7044 or by e-mail [medlib@bbl.usouthal.edu](mailto:medlib@bbl.usouthal.edu)

### Advantage Internet: Searching & Evaluating

This class covers utilizing Internet search engines to find information as well as evaluating web sites for accuracy, authority, currency, content, and organization. Participants should have a basic knowledge of the Internet with some usage.

### EndNote

EndNote is your solution for creating bibliographies. The session will show you how to use EndNote to organize your references, and create bibliographies instantly and automatically in your word processor.

## Dissertation and Thesis Writers

The accuracy of references in these documents is as important to future research as it is to the academic credibility and reputation of the author and the University. In order to insure the accuracy of your references, bring your reference pages by the library to have them checked by a librarian before submitting your paper through the final approval process. For more information contact Geneva Bush Staggs at 460-6890 or [gbush@jaguar1.usouthal.edu](mailto:gbush@jaguar1.usouthal.edu).

### Reference Manager

Reference Manager is a database program specifically developed to manage bibliographic references. Anyone involved in gathering references or producing bibliographies can use Reference Manager to manage your references and prepare formatted in-text citations and bibliographies instantly for your manuscripts.

### Internet Basics

This class is designed to give basic knowledge of utilizing the Internet for medical research. It includes browser navigation, printing & saving, searching, and subject-oriented sites.

### OVID CINAHL

Learn to effectively search and retrieve articles using OVID CINAHL as well as techniques to print and save results.

### OVID MEDLINE

Learn to effectively search and retrieve articles using OVID MEDLINE as well as techniques to print and save results.

### PubMed

Learn how to search and navigate Medline through the free databases of the National Library of Medicine using PubMed and the NLM Gateway. Learn how to limit results, focus searches, and retrieve articles in print and online.

### Workshops for Research Assistants & Secretaries

Learn about the Biomedical Library's resources and services, including remote access, library catalog searching tips for books and journals, article retrieval, and fact finding. Information includes both print and online resources.

## Library Focusing on USAOnline Students' Needs

In an effort to reach out to the rapidly expanding USAOnline program offered by the University, the Biomedical Library is taking several initiatives with the intent to better inform distance education students of the many library services and resources available to them.

The first phase of this new initiative is the complete redesign of the Biomedical Library's Distance Education web page. Sporting a new look, the page also includes a considerable amount of additional content tailored specifically for online students. Some of the new materials on these pages include remote database access information, services fees, online tutorials and a list of frequently asked questions. Additionally, the new page will feature a live chat option that will allow students to engage in real-time "conversations" with reference librarians during any of the library's posted open hours.

The second phase of this outreach project will include the creation of an interactive CD ROM that can be sent to distance education students. This CD ROM will contain a variety of content (streaming video/audio, power point presentations, tutorials etc.) designed to make the library an easier, and more accessible, resource for our online users.

The new web page, with the live chat capability should be up by early June, while the CD ROM will likely be ready by the beginning of the Fall 2003 semester. Any distance education students or instructors involved in the USAOnline program who would like further information are encouraged to contact Justin Robertson (phone: (251) 460-7045; email: [jroberts@bbl.usouthal.edu](mailto:jroberts@bbl.usouthal.edu)) or Clista Clanton (phone: (251) 414-8210; email: [cclanton@bbl.usouthal.edu](mailto:cclanton@bbl.usouthal.edu)).

--Justin Robertson

## SELECTED RECENT ACQUISITIONS

Location of item is in brackets following the call number. (Ref indicates Reference Collection.)

**B** = Baugh Biomedical Library (Campus)

**CW** = Children's & Women's Hospital Library

**MC** = Medical Center Library

### QS HUMAN ANATOMY

QS 4 M533s 2000 [B]  
The Structure & function of the human body / Barbara Janson Cohen, Dena Lin Wood. 7<sup>th</sup> ed. Lippincott Williams & Wilkins, 2000.

### QV PHARMACOLOGY

QV 39 P938h 2002 [MC]  
Handbook of clinical psychopharmacology for therapists / John D. Preston, John H. O'Neal, Mary C. Talaga. 3<sup>rd</sup> ed. New Harbinger Publications, 2002.

### QW MICROBIOLOGY AND IMMUNOLOGY

QW 4 B974m 2000 [B]  
Microbiology for the health sciences / Gwendolyn R.W. Burton, Paul G. Engelkirk. 6<sup>th</sup> ed. Lippincott Williams & Wilkins, 2000.

QW 25 M6475g 1999 [B]  
A guide to specimen management in clinical microbiology / J. Michael Miller. 2<sup>nd</sup> ed. ASM Press, 1999.

### QY CLINICAL PATHOLOGY

QY 90 C6413 2000 [MC]  
Clinical chemistry : principles, procedures, correlations / edited by Michael L. Bishop, Janet Duben-Engelkirk, Edward P. Fody. 4<sup>th</sup> ed. Lippincott Williams & Wilkins, 2000.

### QZ PATHOLOGY

QZ 241 P4768 2000 [MC]  
PET in clinical oncology / edited by Helmut J. Wieler, R. Edward Coleman. Steinkopff ; Springer, 2000.

### W HEALTH PROFESSIONS

W 18 R425 2003 [B – Ref]  
Report on medical school faculty salaries 2001-2002 / AAMC. American Association of Medical Colleges, 2003.

W 21.5 M477e 1999 [B – Ref]  
Exploring health careers / Maureen McCutcheon. 2<sup>nd</sup> ed. Delmar Publishers, 1999.

### WB PRACTICE OF MEDICINE

WB 39 N973 2003 [B]  
Nurse's handbook of alternative & complementary therapies. 2<sup>nd</sup> ed. Lippincott Williams & Wilkins, 2003.

WB 495 K123p 2000 [MC]  
Principles and practice of electrotherapy / Joseph Kahn. 4<sup>th</sup> ed. Churchill Livingstone, 2000.

WB 890 K955c 1999 [B]  
Complementary therapies for health care providers / Merrily A. Kuhn. Lippincott Williams & Wilkins, 1999.

### WJ UROGENITAL SYSTEM

WJ 368 K46 2001 [MC]  
Kidney transplantation : principles and practice / edited by Peter J. Morris. 5<sup>th</sup> ed. W.B. Saunders, 2001.

### WO SURGERY

WO 500 S961 2002 [MC]  
Surgical recall / edited by Lorne H. Blackbourne. 3<sup>rd</sup> ed. Lippincott Williams & Wilkins, 2002.

### WP GYNECOLOGY

WP 39 P963 2000 [MC]  
Procedures and documentation for mammography and quality management / edited by Jennifer Wagner. McGraw-Hill, 2000.

### WS PEDIATRICS

WS 368 P3713 2000 [MC, CW]  
Pediatric skills for occupational therapy assistants / edited by Jean W. Solomon. Mosby, 2000.

### WV OTOLARYNGOLOGY

WV 39 A568m 1999 [B]  
Manual of voice treatment : pediatrics through geriatrics / Moya L. Andrews. 2<sup>nd</sup> ed. Singular Pub. Group, 1999.

WV 270 A912 2000 [B]  
Audiology : practice management / edited by Holly Hosford-Dunn, Ross J. Roeser, Michael Valente. Thieme, 2000.

### WY NURSING

WY 20.5 B858b 2001 [B]  
Basic steps in planning nursing research : from question to proposal / Pamela J. Brink, Marilyn J. Wood. 5<sup>th</sup> ed. Jones and Bartlett, 2001.

WY 20.5 P769e 2001 [B]  
Essentials of nursing research : methods, appraisals, and utilization / Denise F. Polit, Cheryl Tatano Beck, Bernadette P. Hungler. 5<sup>th</sup> ed. Lippincott, 2001.

WY 49 C294h 2002 [B]  
Handbook of nursing diagnosis / Lynda Juall Carpenito. 9<sup>th</sup> ed. Lippincott, 2002.

WY 85 B959e 2002 [B]  
Ethics & issues in contemporary nursing / Margaret A. Burkhardt, Alvida K. Nathaniel. 2<sup>nd</sup> ed. Delmar/Thomson Learning, 2002.

WY 157 G464m 2003 [B, CW]  
Manual of high risk pregnancy & delivery / Elizabeth Stepp Gilbert, Judith Smith Harmon. 3<sup>rd</sup> ed. Mosby, 2003.

WY 160 B281m 2002 [B]  
Mental health & mental illness / Patricia D. Barry. 7<sup>th</sup> ed. Lippincott, Williams & Wilkins, 2002

WY 160 S558b 2002 [B]  
Basic concepts of psychiatric-mental health nursing / Louise Rebraca Shives and Ann Isaacs. 5<sup>th</sup> ed. Lippincott, 2002.

WY 193 S714ma 1999 [B]  
Mosby's textbook for long-term care assistants / Sheila A. Sorrentino, Bernie Gorek. 3<sup>rd</sup> ed. Mosby, 1999.

### WZ 345 MEDICAL WRITING AND PUBLISHING

WZ 345 C7345 2001 [B]  
Writing speaking, & communication skills for health professionals / the Health Care Communication Group ; Stephanie Barnard. Yale University Press, 2001.



## Free Quality PDA Software for Physicians

### Medical Abbreviations

<[http://www.medlists.net/Medical\\_Abbreviations.htm](http://www.medlists.net/Medical_Abbreviations.htm)>

The author of this application, Krystof J. Neumann, MD, has collected more than 2000 abbreviations from all medical specialties throughout his medical school training and compiled this free, easy-to-use, searchable database, hoping to reduce some of the confusion that results from the use of abbreviations in medical charting. It is convenient to use a three-letter abbreviation (e.g., TLA) instead of writing out an entire phrase, but TLA may be confusing. Medical Abbreviations is unique in that it not only contains all the standard abbreviations for common disease entities, but is also the only database that was developed to specifically contain all the common shorthand abbreviations used in note writing. The author desires to distribute it free to help those medical students struggling through their clinical clerkships. It requires list.prc, a freeware that may be downloaded at <<http://www.magma.ca/~roo/list/list.html>>. Available for Palm OS only and uses 75 KB of memory. Last update, March 29, 2002.

### Medical Eponyms

<<http://eponyms.net>>

The Eponyms database contains 1,300 common and obscure medical eponyms (e.g., Rovsing's sign, Virchow's node) with descriptions. This is a handy reference tool for medical professionals struggling with hard-to-remember names for common diseases. The author of the database, Andrew Yee, a medicine senior resident at Massachusetts General Hospital, has been working on this database since he was a second-year medical student. Tap the trigger on the upper right corner to choose one of the 22 categories to find an eponym. An on-screen keyboard, with the option of switching from English letters to numbers and symbols or international letters, makes entering a name for searches much easier. The stand-alone version is for Palm OS only. There is also an alternative version of Eponyms available in a variety of databases such as JFile or Handbase format for both Palm OS and Pocket PC. Uses 114 KB of memory. Last update, November 12, 2002.

### Medical Mnemonics

<<http://www.medicalmnemonics.com/>>

Medical mnemonics is a database to aid in remembering the important details. Mnemonics have existed for a long time. This software expands the circles of sharing/exchange to a larger group worldwide and ensures useful mnemonics to be available to later learners. Users may add their own new medical mnemonics via an onscreen keyboard. The stand-alone version is available for Palm OS only. There are two sizes of databases for the application. An unabridged version, which contains 1369 mnemonics, requires 85 KB application and 547 KB database, and a smaller abridged version, which contains 783 mnemonics, requires 85 KB application and 335 KB database for those with more limited space on their PDA. The AvantGo version is available for both Palm OS and Pocket PC. The AvantGo browser is available for download from AvantGo.com for free. Last update, February 20, 2003.

-- Jie Li

## MD Consult to Launch MD Consult Mobile - free for your PDA



MDC Mobile will provides MD Consult users with medical news and drug updates, the latest abstracts from hundreds of journals, and the ability to record, store, and initiate searches on MD Consult right from their Palm OS or Pocket PC handheld device.

Channels provide a daily updated summary of current medical news, as well as important drug alerts, downloaded with each hot sync. The Pocket Journal Browser lets users keep up with user selected journals by downloading current contents and article abstracts to their PDA. Journals are updated upon each hot sync. Users can capture information needs on their PDA, then retrieve information from MD Consult by simply storing search terms then hot syncing. Searches are uploaded to MD Consult and users can view search results from any or all of MD Consult's extensive content resources.

--Judy Burnham

## Faculty Publications

Listed below are journal publications by USA faculty indexed in MEDLINE, HealthSTAR and CINAHL for November 2002-April 2003, and Current Contents for December 2002-April 2003. This list is generated from the address of the first listed author in MEDLINE, CINAHL and HealthSTAR and any author in Current Contents. Department chairs are asked to submit citations of recent publications by their department members. If we missed your latest contribution to the literature, please notify the Editor so it can be included in a future listing. New faculty are encouraged to submit their latest publications to the Editor.

- Alexeyev MF. Winkler HH. Complete replacement of basic amino acid residues with cysteines in *Rickettsia prowazekii* ATP/ADP translocase. *Biochimica et Biophysica Acta*. 1565(1):136, 2002 Sep 20.
- Almeida OD Jr. Awake microlaparoscopy with the Insuflow device. *Journal of the Society of Laparoendoscopic Surgeons*. 6(3):199-201, 2002 Jul-Sep.
- Balczon R. Simerly C. Takahashi D. Schatten G. Arrest of cell cycle progression during first interphase in murine zygotes microinjected with anti-PCM-1 antibodies. *Cell Motility & the Cytoskeleton*. 52(3):183-92, 2002 Jul.
- Bang IS. Audia JP. Park YK. Foster JW. Autoinduction of the ompR response regulator by acid shock and control of the *Salmonella enterica* acid tolerance response. *Molecular Microbiology*. 44(5):1235-50, 2002 Jun.
- Bokesch HR. O'Keefe BR. McKee TC. Pannell LK. Patterson GML. Gardella RS. Sowder RC. Turpin J. Watson K. Buckheit RW. Boyd MR. A potent novel anti-HIV protein from the cultured cyanobacterium *Scytonema varium*. *Biochemistry*. 42(9):2578-84, 2003.
- Brown CH. Alipour F. Berry DA. Montequin D. Laryngeal biomechanics and vocal communication in the squirrel monkey (*Saimiri boliviensis*). *Journal of the Acoustical Society of America*. 113(4):2114-26, 2003.
- Brumit MC. Stubbs JR. Conventional tube agglutination with polyethylene glycol versus Red Cell Affinity Column Technology (ReACT): a comparison of antibody detection methods. *Annals of Clinical & Laboratory Science*. 32(2):155-8, 2002 Spring.
- Carter E. Ulusarac O. Lymphoepithelial cysts of the thyroid gland. A case report and review of the literature. *Archives of Pathology & Laboratory Medicine*. 127(4):205-8, 2003 Apr.
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## Jie Li To Attend Medical Informatics Fellowship Program

Jie Li, Information Services Librarian at the Medical Center Site, has been selected to attend the Medical Informatics fellowship program at the Marine Biological Laboratory, Woods Hole, Massachusetts, in September.

This week long course is designed to familiarize participants with the application of computer technologies and information science in medicine. Through a combination of lectures and hands-on computer exercises, participants will be introduced to the conceptual and technical components of medical informatics.

Elective evening workshops will teach personal computer skills such as creation of World Wide Web interfaces to databases and use of personal productivity tools. The course is taught by a nationally known faculty, and is designed to prepare the student to become actively involved in making informed decisions about computer-based tools in his/her organizational environment, and improve the student's own computer skills.

Acceptance is limited to 30 fellows per session and includes medical educators, medical librarians, medical administrators, scientists and physicians.

-- Judy Burnham

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## Electronic Databases & Resources

<http://southmed.usouthal.edu/library/resources/index.htm>

-Judy Burnham

### Current Contents Clinical Medicine and Life Sciences

Provides access to complete bibliographic information from articles, editorials, meeting abstracts, commentaries, and all other significant items in recently published editions leading clinical medicine and life sciences.

### EBSCO Medical Databases

Includes the Biomedical Reference Collection, Nursing & Allied Health Collection, Health Business Elite and lists all other EBSCO databases the University has access to. There are over 475 full-text online journals in the Biomedical Reference Collection, almost 300 in the Nursing & Allied Health Collection, and over 100 in the Health Business titles.

### Clinical Pharmacology

Contains information on prescription, OTC, new and investigational drugs; herbal and nutraceutical products; pediatric, adult and geriatric dosing; drug photos and product identification; patient education in English and Spanish; drug interactions and adverse reactions screening; intravenous compatibility reports; patient-specific profiles and clinical alerts; advanced searching and drug comparisons; state-specific prescription writing.

### Integrated Medical Curriculum

Offers major courses taught in medical school. Contains in-depth text coverage, animations, streaming audio and video, photos and illustrations, interactive quizzes, quality content and more.

### Cochrane Database

The premiere resource for Evidence-Based Medicine reviews.

**STAT!Ref** - 24 books: drug information, dermatology, pharmacology, family medicine, immunology & more.

**Alabama Virtual Library**  
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Internet Search Tools  
Newspaper Vertical File  
ScienceDirect

**Bioterrorism Resources**  
EBSCO Databases  
Harrison's Online  
ISI Web of Science  
OVID Databases  
Selected Medical Links

**Clinical Pharmacology**  
Electronic Publications  
Hurst's "The Heart"  
MMBID: Metabolic and Molecular  
Bases of Inherited Disease  
PDR Electronic Library  
SOUTHCat: Library Catalog

**Cochrane Database**  
Evidence-Based Medicine  
Integrated Medical Curriculum  
MDConsult  
PubMed  
STAT!Ref

### ISI Web of Science featuring Science Citation Index

Enabling users to search information from approximately 5,900 high impact science and technical research journals. Web of Science also provides cited reference searching allowing users to navigate forward, backward, and through the literature, searching all disciplines and time spans. Also includes ISI Journal Citation Reports (JCR) which presents quantifiable statistical data that provides a systematic, objective way to determine the relative importance of journals within their subject categories.

### PDR Electronic Library

Besides the full text of the Physician's Desk Reference itself, PDR Electronic Library has the capability of looking up items by side effect, contraindication, indications, drug interactions, manufacturer, product name, product category and photo. It also has multi-drug interaction report where the user may enter multiple drug names and PDR will show a report if the drug insert says two or more of the drugs are incompatible or that there is a cautionary note when the drugs are combined.

**MD Consult** - provides answers to clinical questions and helps the clinician keep up-to-date. Includes over 40 medical reference books. Over 50 medical journals and clinics, drug information, more than 1000 clinical practice guidelines, over 3,500 customizable patient education handouts, personalized clinical updates and online CME.

**ScienceDirect** - Offers full-text access to journals from 16 fields of science, including the social sciences. Full-text is available from approximately 600 journals subscribed to by USA or by other academic libraries in Alabama.

## SOUTHmed Update

*“Physicians have always known that an informed patient who takes an active role is a ‘better’ patient. Patients that understand disease and treatment are more compliant.”*

*– Donald Lindberg, MD, Director, National Library of Medicine*

There is a lot of erroneous consumer health information on the Internet. The following sites are sources of reliable consumer health information:

<http://southmed.usouthal.edu/library/ref/consumer.htm>

<http://www.nlm.nih.gov/medlineplus/>

<http://www.mlanet.org/resources/medspeak/topten.html>

<http://caphis.mlanet.org/consumer/index.html>

The American College of Physicians- American Society of Internal Medicine Foundation (ACP-ASIM Foundation) has joined with the National Library of Medicine to create the “Health Information Prescription” program. With this pilot project in Iowa, doctors will have customized prescription pads that they can use to point patients to first-rate online health information in NLM’s MEDLINEplus database. MEDLINEplus has information on more than 600 health topics.

In discussing this project, Michael Kienzle, MD and member of the Iowa Chapter of the ACP-ASIM stated, “Unfortunately, some patients lack the knowledge needed to find good health care information online. Also, they might not be able to guard against marketing schemes disguised as websites.”

According to recent research, six million Americans go online daily to search for information about health and disease. Additional findings show that nearly 70 percent of patients nationwide would pay serious attention to a website recommended by their physician.

“Used properly, the Internet can be just as helpful a healthcare tool as the biopsy, the x-ray and the electrocardiogram,” observed ACP-ASIM Foundation Chair Whitney Addington, M.D. Reliable information “used in conjunction with their doctor’s good care, is the best medicine.”

Information access is the mission of the SOUTHmed Information Network – helping health care professionals get the information they need in a timely manner to make informed decisions. If you are interested in learning more about SOUTHmed, contact Judy Burnham, (251) 460-6888, [jburnham@jaguar1.usouthal.edu](mailto:jburnham@jaguar1.usouthal.edu)

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