

# Bi feedback

**University of South Alabama Biomedical Library Newsletter**  
<http://southmed.usouthal.edu/library/> **Issue #57 Winter 2003**

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## Message From the Director

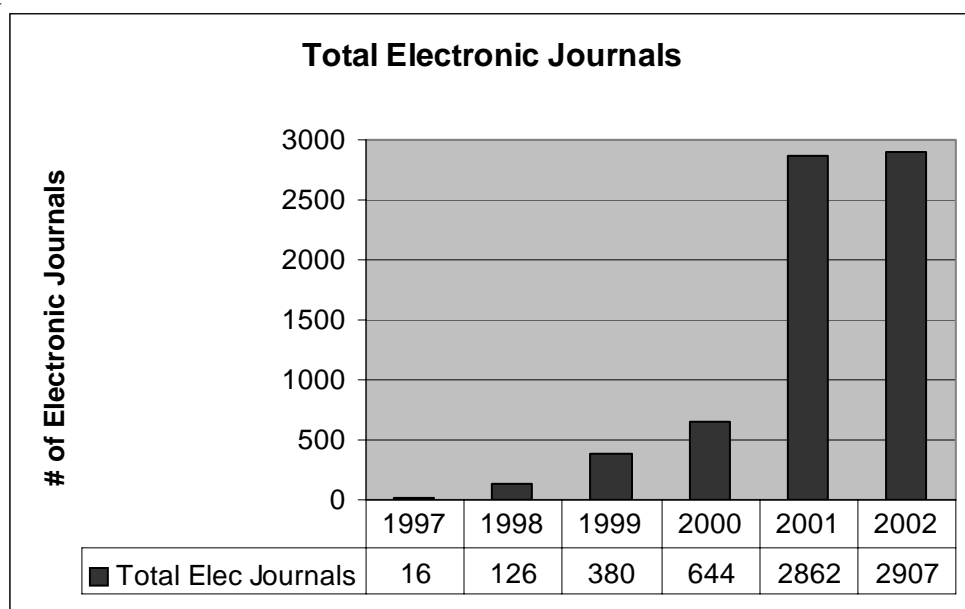
Welcome back after the holidays. We at the BML hope you had a wonderful holiday and a healthy/happy/successful new year. Following several months of dust and disruption, our compact shelving project on the first floor of the Biomedical Library, campus site, has been completed. This increased the journal storage capacity of the area from approximately 30,000 linear inches to over 88,000 linear inches, more than doubling the capacity. Hundreds of volumes have been moved from the front part of the library to the compact shelving area in the back, creating a great deal of space in the current area (most recent 10 years) at the front. Most journal volumes from 1992 back will now be located in the compact shelving area.

As always, we will do our very best to serve your information needs in the coming year. Any questions, suggestions, constructive criticism, etc., will always be welcome and encouraged from our diverse user group.

-- Thomas L. Williams

## Growth in Online Full-Text Journal Subscriptions

As shown in the chart below, the number of electronic journals included in the collection of the USA Biomedical Library has increased to a total of 2,907 titles as of Sept. 30, 2002. Electronic journals make access much more convenient for users as they can be accessed from your pc.



For more statistics see page 3

## Health Education Assets Library National Multimedia Repository Database

Digital multimedia, such as images and videos, are playing an increasingly important role in health sciences education. But often, educators do not have the time or resources to create high-quality materials needed for the educational process. In the Fall of 2000 the development of Health Education Assets Library (HEAL) was started with funding of the National Science Foundation and in collaboration with National Library of Medicine, working closely with the Association of American Medical Colleges (AAMC) so that HEAL would meet today's and future multimedia needs of medical colleges across the country. HEAL will provide easy access to digital multimedia that can be used at all levels of health science education.

The principle goals of the HEAL are:

- Establish a freely accessible, national library of high-quality digital multimedia to support all levels of health sciences education. The multimedia will include images, videos, animations, and illustrations.
- Create an online repository that allows contributors to upload and catalog multimedia collections.
- Become a clearinghouse for health science education resources by collaborating with other organizations that harbor collections of multimedia.
- Create a standard metadata (cataloging) schema that is in accordance with international metadata models.

HEAL is in the beginning stages, but can be searched at <http://www.healcentral.org/index.htm>. You can also add multimedia to the repository.

- **Judy Burnham**

## Faculty and Staff News

**Clista Clanton**, recently from the Eskind Library at Vanderbilt, has joined the Biomedical Library faculty as Web Development and Education Librarian. This is something of a coming home for Clista as she lived in Mobile for a number of years as a child/adolescent. Her mother still lives here.

**Tom Williams** and **Ellen Sayed** attended the Southern Chapter/MLA Annual Meeting in Nashville where they jointly presented a paper discussing the library's initiatives in outreach to foreign libraries.

**Lynda Touart** is having a solo show at the Eastern Shore Art Center for the month of January. There will be over 40 pieces: Ink on paper, or acrylic on paper, including examples of her medical illustrations.

**Tom Williams** attended the American Association of Medical Educators (AAMC) meeting in San Francisco during November where he delivered a report on the new bylaws changes for the Association of Academic Health Science Libraries, part of AAMC. Tom served as Chair of the Bylaws Task Force from 2000 to November, 2002.

### 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
twilliam@bbl.usouthal.edu	
Secretary, Bonnie Seibert	(251) 460-6885

#### Public Services and Education:

Geneva Bush Staggs	(251) 460-7044
gbush@jaguar1.usouthal.edu	

#### 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
jburnham@jaguar1.usouthal.edu	

### HOURS for BIOMEDICAL LIBRARY

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

Monday-Thursday	7:15am - 11:45pm
Friday	7:15am - 6:00pm
Saturday	9:00am - 6:00pm
Sunday	1:00pm - 11:45pm

#### 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@jaguar1.usouthal.edu](mailto:medlib@jaguar1.usouthal.edu)  
<http://southmed.usouthal.edu/library>

#### Biomedical Library Holiday Hours:

Martin Luther King Day, January 20, Closed  
Mardi Gras Day, March 4, Closed  
Easter Sunday, April 20, Closed  
Memorial Day, May 26, Closed

For additional information on hours see:  
<http://southmed.usouthal.edu/library/circ/hours.htm>

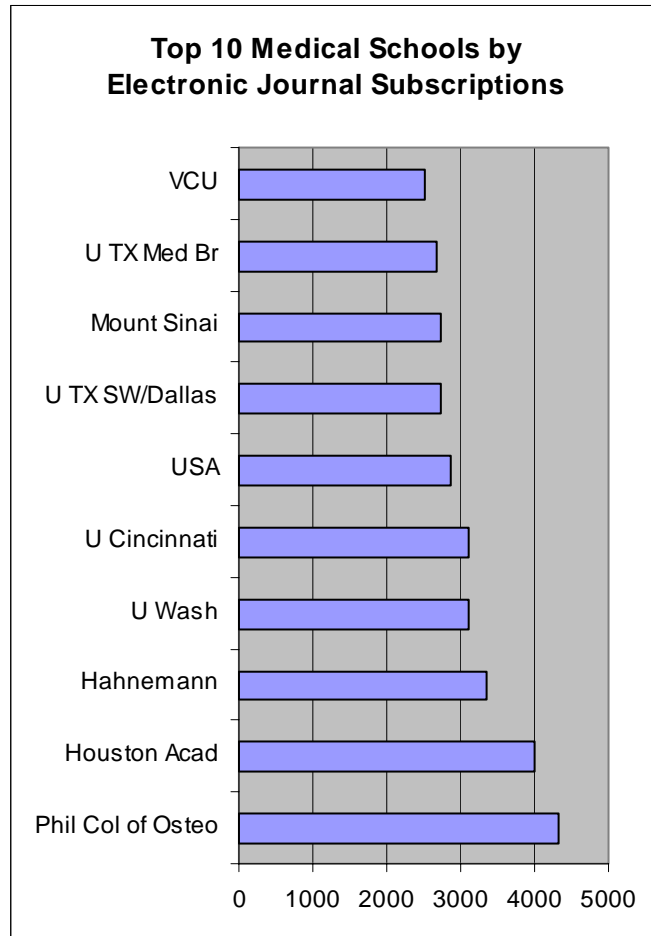
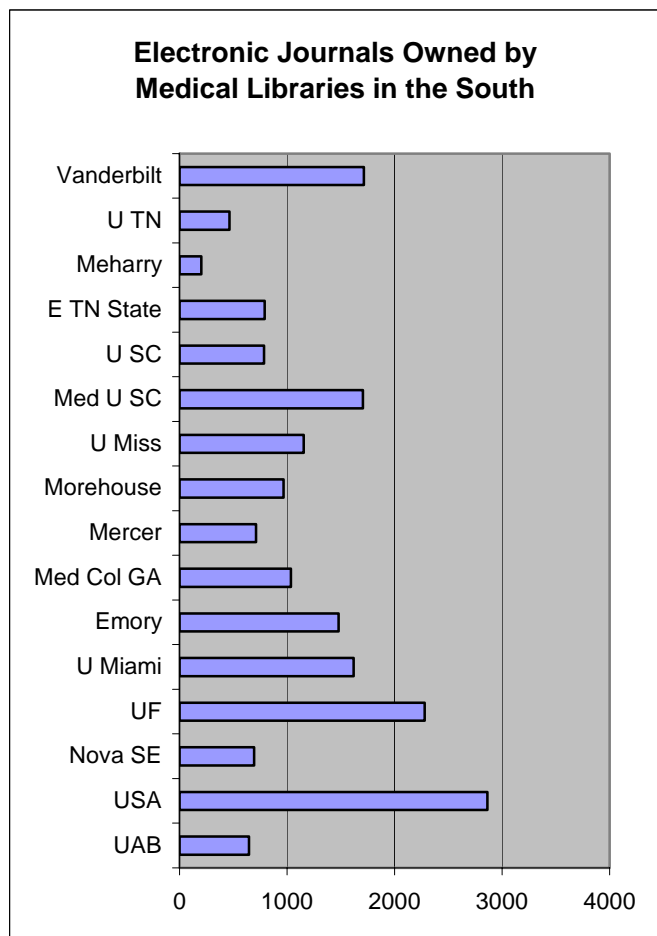
## BIOFEEDBACK, New Series, Issue #57, Winter 2003

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 Judy Burnham, Clista Clanton, Jie Li, Justin Robertson, Geneva Staggs, Lynda Touart, 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@bbl.usouthal.edu](mailto:gstaggs@bbl.usouthal.edu)

## USA Biomedical Library Compares Well to Other Medical Libraries

When the electronic journals holdings of the USA Biomedical Library are compared to other medical libraries, you can see that the Biomedical Library provides excellent access.

This data is as of Sept 30, 2001. (Data for 2001-2002 will be ready in the Spring.)



## Biomedical Library Holdings Statistics October 1, 2002

### Titles

Total books (monographs)	18,071
Campus	14,762
C&W	661
UMC	2,594
Total serials titles	2,590
Total current print serial subscriptions	1,209 (includes duplicate subs.)
Campus	589
C&W	93
UMC	527
Total current print serial subscriptions	1,157 (excludes duplicate subs.)
Campus	579
C&W	73
UMC	505

### Volumes

Total volumes (books and serials)	93,073
Campus	69,906
C&W	2,197
UMC	20,970
Total serial volumes	73,542
Campus	55,597
C&W	1,453
UMC	16,492
Total book (monograph) volumes	19,531
Campus	14,309
C&W	744
UMC	4,478

-- Judy Burnham

## SOUTHcat Update



**University of South Alabama Libraries' Catalog:**

# SOUTHcat



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SEARCH HEADINGS
TITLES
MY ACCOUNT
HOLD RECALL
BOOK BAG
HELP
HISTORY
EXIT

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**Database:** University of South Alabama Libraries

Simple Search
Fill-In Form Search
Course Reserve
New Books

Search for:

Search by: (\* limits not available)

- Keyword (and,or, use "quotes around phrases")
- \*Author (last name, first name)
- Title
- Journal Title
- Title Keyword (in Title only)
- \*Subject (LC or MeSH headings)
- \*Call Number
- Date Search (Left Anchored)
- Name Title Browse

25 records per page
Search
Reset
Limit

SOUTHcat, the online catalog for the Baugh Biomedical Library and the University Library, underwent an update on Wednesday, December 11<sup>th</sup>. Along with SOUTHcat's new look, a new feature called BookBag was implemented. BookBag allows you to select and save records for future viewing.

SEARCH HEADINGS
TITLES
MY ACCOUNT
HOLD RECALL
BOOK BAG
HELP
HISTORY
EXIT

Delete?	author	title	publisher_date	Save Date
<input type="checkbox"/>		<a href="#">Nelson essentials of pediatrics / [edited by] Richard E. Behrman, Robert M. Kliegman.</a>	<a href="#">c2002.</a>	2002-12-12 17:12:03
<input type="checkbox"/>	<a href="#">Taketomo, Carol K.</a>	<a href="#">Pediatric dosage handbook : including neonatal dosing, drug administration &amp; extemporaneous preparations / Carol K. Taketomo, Jane Hulbert Hodding, Donna M. Kraus.</a>	<a href="#">c2001.</a>	2002-12-12 17:12:03

Delete Selected Titles

Clear Bookbag

**Save Options**

Select Download Format: Full Record Print/Save

Enter your email address:  Email

To use BookBag you will need to log-in, which can be done through either MyAccount or BookBag. If you have comments or suggestions regarding SOUTHcat, send us email at [medlib@bbl.usouthal.edu](mailto:medlib@bbl.usouthal.edu).



## 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.

### 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.

## Free Electronic Journals

If you have not checked out the website [www.freemedicaljournals.com](http://www.freemedicaljournals.com) recently, they now offer sorting by subject, language, and title, as well as highlighting free journals with high impact factors. There is also a mailing list to alert you as new free journals are added to their list.

There are currently 970 titles that allow some sort of free access, most often to issues older than 6 months, one year, or two years. The major titles adopting this giveaway approach are highlighted on the home page.

-- Judy Burnham

## New OVID Books

Find these additions to our online book collection on our Electronic Books page: [southmed.usouthal.edu/library/ebooks.htm](http://southmed.usouthal.edu/library/ebooks.htm)

- Cardiac Nursing
- Essentials of Complementary and Alternative Medicine
- Fluid and Electrolyte Balance
- Primary Care Medicine
- Lippincott's Manual of Psychiatric Nursing Care Plans
- Lippincott's Nursing Drug Guide
- Nutrition Essentials for Nursing Practice
- Pediatric Care Planning
- 5-Minute Emergency Medicine Consult

-- Judy Burnham

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## Library Awarded \$133,000 Grant

The Biomedical Library has received one of fifty-two Digital Library grants from NIH/NLM in the amount of \$133,000 to fund SAMnet, the South Alabama Medical Network Digital Library. Funding for this two-year project will be used to expand library services to 9 hospitals and 2 medical clinics in 9 rural counties of southwest Alabama. Internet equipment, including computers, will be installed at each site. Access to electronic resources such as full-text journals, textbooks, patient education materials, etc. from MD Consult, OVID and Stat!Ref will also be available. In addition, sites will be provided with free document delivery (including interlibrary loan) and training sessions on locating medical information. Jie Li, Coordinator of the Medical Center is the principal investigator. This the the largest grant ever received by the Biomedical Library. -- Judy Burnham

## SELECTED RECENT ACQUISITIONS

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

**B** = Baugh Biomedical Library  
**CW** = Children's & Women's Hospital Library  
**MC** = Medical Center Library

### QU BIOCHEMISTRY

QU 145 O97n 1999 [B]  
Nutrition in the community : the art and science of delivering services / Anita L. Owen, Patricia L. Splett, George M. Owen. 4<sup>th</sup> ed. WCB/McGraw-Hill, 1999.

### QV PHARMACOLOGY

QV 600 I43 2000 [B - Ref]  
Information resources in toxicology / edited by Philip Wexler. 3<sup>rd</sup> ed. Academic Press, 2000.

### QW MICROBIOLOGY AND IMMUNOLOGY

QW 4 B499ma 2000 [B]  
Microbiology : principles and health science applications / Lois M. Bergquist, Barbara Pogossian. Saunders, 2000.

### QY CLINICAL PATHOLOGY

QY 4 K26L 2002 [B]  
Laboratory & diagnostic tests with nursing implications / Joyce LeFever Kee. 6<sup>th</sup> ed. Prentice Hall, 2002.

QY 25 W195i 2000 [MC - Ref]  
Interpretation of diagnostic tests / Jacques Wallach. 7<sup>th</sup> ed. Lippincott Williams & Wilkins, 2000.

### QZ PATHOLOGY

QZ 4 P3027 2002 [B]  
Pathophysiology : the biologic basis for disease in adults & children / edited by Katherine L. McCance, Sue E. Huether. 4<sup>th</sup> ed. Mosby, 2002.

QZ 200 O98 2002 [MC]  
Oxford textbook of oncology / edited by Robert L. Souhami. 2<sup>nd</sup> ed. Oxford University Press, 2002.

### W HEALTH PROFESSIONS

W 18 H4347 1999 [B - Ref]

Health Professions : education standards / American Medical Association. American Medical Association, 1999.

W 83 T268 2002 [B]  
Telephone medicine : a guide for the practicing physician / edited by Anna B. Reisman, David L. Stevens. American College of Physicians, 2002.

### WB PRACTICE OF MEDICINE

WB 200 B254h 2001 [B]  
Health and physical assessment / Violet H. Barkauskas, Linda Ciofu Baumann, Cynthia S. Darling-Fisher. 3<sup>rd</sup> ed. Mosby, 2001.

WB 555 E67 1999 [MC]  
Ergonomics for therapists / edited by Karen Jacobs. 2<sup>nd</sup> ed. Butterworth-Heinemann, 1999.

### WC COMMUNICABLE DISEASES

WC 100 E53 2002 [B]  
Emerging infectious diseases : trends and issues / edited by Felissa R. Lashley, Jerry D. Durham. Springer, 2002.

### WE MUSCULOSKELETAL SYSTEM

WE 258 B7108 2002 [MC]  
Bone metastases : medical, surgical, and radiological treatment / edited by Dominique G. Poitout. Springer, 2002.

### WF RESPIRATORY SYSTEM

WF 553 B8693 2001 [MC]  
Bronchial asthma : principles of diagnosis and treatment / edited by M. Eric Gershwin and Timothy E. Albertson. 4<sup>th</sup> ed. Humana, 2001.

### WG CARDIOVASCULAR SYSTEM

WG 300 A1858 2001 [MC]  
Acute coronary syndromes / edited by Eric J. Topol. 2<sup>nd</sup> ed. M. Dekker, 2001.

WG 370 I34 2000 [MC]  
Improving outcomes in heart failure : an interdisciplinary approach / edited by Debra K. Moser, Barbara Riegel. Aspen, 2000.

### WH HEMIC AND LYMPHATIC SYSTEMS

WH 460 A244 2000 [MC]  
Advances in transfusion safety / edited by Fred Brown, Girish Vyas. Karger, 2000.

### WI DIGESTIVE SYSTEM

WI 520 C811h 2002 [MC]  
Handbook of colon and rectal surgery / Marvin L. Corman, Stephen I. Allison, Johnson P. Kuehne. Lippincott Williams & Wilkins, 2002.

WI 750 D611 2001 [MC]  
Diseases of the gallbladder and bile ducts : diagnosis and treatment / edited by Pierre-Alain Clavien, John Baillie. Blackwell Science, 2001.

### WJ UROGENITAL SYSTEM

WJ 140 T971 2001 [MC]  
20 common problems in urology / edited by Joel M.H. Teichman. McGraw-Hill, 2001.

### WK ENDOCRINE SYSTEM

WK 140 E5582 2002 [MC]  
Endocrine pathology / edited by Virginia A. LiVolsi, Sylvia L. Asa. Churchill Livingstone, 2002.

### WM PSYCHIATRY

WM 475 B656s 1999 [B]  
Synergistic stuttering therapy : a holistic approach / Charlene Bloom, Donna K. Cooperman. Butterworth-Heinemann, 1999.

### WN RADIOLOGY. DIAGNOSTIC IMAGING

WN 200 S797r 2002 [MC]  
Radiation protection in medical radiography / Mary Alice Statkiewicz Sherer, Paul J. Visconti, E. Russell Ritenour. 4<sup>th</sup> ed. Mosby, 2002.

### WO SURGERY

WO 200 N974 2001 [B]  
Nurse anesthesia / edited by John J. Nagelhout, Karen L. Zaglaniczny. 2<sup>nd</sup> ed. Saunders, 2001.

### WP GYNECOLOGY

WP 140 O14 2002 [CW]  
Obstetric and gynecologic dermatology / edited by Martin M. Black. 2<sup>nd</sup> ed. Mosby, 2002.



## WQ OBSTETRICS

WQ 140 M266 2002 [CW]  
Management of common problems in obstetrics and gynecology / edited by Daniel R. Mishell, Jr., T. Murphy Goodwin, Paul F. Brenner. 4<sup>th</sup> ed. Blackwell Science, 2002.

WQ 240 A497 2002 [CW]  
Ambulatory obstetrics / edited by Washington Hall Clark. Lippincott Williams & Wilkins, 2002.

## WS PEDIATRICS

WS 105.5 B655h 2000 [B]  
How children learn the meanings of words / Paul Bloom. MIT, 2002.

WS 340 F333c 2001 [CW]  
Clinical pediatric neurology : a sign and symptoms approach / Gerald M. Fenichel. 4<sup>th</sup> ed. Saunders, 2001.

## WV OTOLARYNGOLOGY

WV 270 A9125 2000 [B]  
Audiology : treatment / edited by Michael Valente, Holly Hosford-Dunn, Ross J. Roeser. Thieme, 2000.

WV 501 B167c 2000 [B]  
Clinical management of speech and voice / R.J. Baken, Robert F. Orlikoff. Singular Thomson Learning, 2000.

## WX HOSPITALS AND OTHER HEALTH FACILITIES

WX 167 C934 2001 [MC]  
Critical care infectious diseases textbook / edited by Jordi Rello, Jordi Valles, Marin H. Kollef. Kluwer Academic, 2001.

## WY NURSING

WY 100 W585f 2000 [B]  
Foundations of nursing : caring for the whole person / Lois White. Delmar/Thomson Learning, 2000.

WY 157.6 O769 2002 [B]  
Orthopaedic nursing / edited by Ann Butler Maher, Susan Warner Salmoud, Teresa A. Pellino. Saunders, 2002.

WY 162 P4445 2000 [B]  
Patient care during operative and invasive procedures / edited by Mark L. Phippen, Maryann Papanier Wells. Saunders, 2000.

## In the News

### World Health Organization (WHO)

The WHO's annual report, released October 2002, identifies the top 10 risks to human health worldwide as:

1. Underweight
2. Unsafe sex
3. High blood pressure
4. Tobacco consumption
5. Alcohol consumption
6. Unsafe water, sanitation, and hygiene
7. Iron deficiency
8. Indoor smoke from solid fuels
9. High cholesterol
10. Obesity



## Electronic Journals Added to Biomedical Library Collections

The electronic version of the following titles have been added to the Biomedical Library collection via the OVID system or from the Electronic Journals page: <http://southmed.usouthal.edu/library/epub.htm>

AIDS  
American Journal of Physical Medicine & Rehabilitation  
American Journal of the Medical Sciences  
Clinical Obstetrics and Gynecology  
Clinical Orthopaedics & Related Research  
Diagnostic Molecular Pathology  
Diseases of the Colon & Rectum  
Ear and Hearing  
Epidemiology  
Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology  
Journal of Burn Care & Rehabilitation  
Journal of Cardiovascular Pharmacology  
Journal of Cerebral Blood Flow and Metabolism  
Journal of Computer Assisted Tomography  
Journal of Developmental and Behavioral Pediatrics  
Journal of Nervous and Mental Disease

Journal of Orthopaedic Trauma  
Journal of Pediatric Gastroenterology and Nutrition  
Journal of Vascular and Interventional Radiology  
Laboratory Investigation  
Laryngoscope  
Medicine & Science in Sports & Exercise  
Neurology  
Neurosurgery  
New England Journal of Medicine  
Pediatric Infectious Disease Journal  
Pediatric Research  
Plastic & Reconstructive Surgery  
Sexually Transmitted Diseases  
Spine  
Stroke  
Therapeutic Drug Monitoring  
Transplantation

-- Judy Burnham

## Faculty Publications

Listed below are journal publications by USA faculty indexed in MEDLINE, HealthSTAR and CINAHL for Aug-Sept. and Current Contents July-Dec. 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.

- Adeniji OA, Mrug MM, DiPalma JA. Not one but two inflammatory bowel disease susceptibility loci map to chromosome 16. *American Journal of Gastroenterology*. 2002; 97 (9):2464-5.
- Aitoubah J, Itaya SK, Bretzner F et al. Influence of NO downregulation on oscillatory evoked responses in developing rat superior colliculus. *Developmental Brain Research* 2002; 138 (2):155-65.
- Alexeyev MF, Winkler HH. Complete replacement of basic amino acid residues with cysteines in *Rickettsia prowazekii* ATP/ADP translocase. *Biochimica Et Biophysica Acta-Biomembranes* 2002; 1565 (1):136-42.
- Almeida OD, Jr. Microlaparoscopic conscious pain mapping in the evaluation of chronic pelvic pain: a case report. *Journal of the Society of Laparoendoscopic Surgeons*. 2002; 6 (1):81-3.
- Angell NF, Domingo JT, Siddiqi N. Uterine rupture at term after uncomplicated hysteroscopic metroplasty. *Obstetrics and Gynecology* 2002; 100 (5):1098-9.
- Bendheim PE, Poeggeler B, Neria E et al. Development of indole-3-propionic acid (OXIGON (TM)) for Alzheimer's disease. *Journal of Molecular Neuroscience* 2002; 19 (1-2):213-7.
- Bhowmick SK, Estrada B, Rettig KR. Insulin-dependent diabetes mellitus in 2 male African American children after Kawasaki disease. *Pediatrics*. 2002; 110 (2 Pt 1):e27.
- Bitko V, Barik S. Phenotypic silencing of cytoplasmic genes using sequence-specific double-stranded short interfering RNA and its application in the reverse genetics of wild type negative-strand RNA viruses. *BMC Microbiology*. 2001; 1 (1):34.
- Blackman MB, Sorkin JD, Munzer T et al. Growth hormone and sex steroid administration in healthy aged women and men - A randomized controlled trial. *JAMA-Journal of the American Medical Association* 2002; 288 (18):2282-92.
- Boatright JR. Transporting the morbidly obese patient: Framing an EMS challenge. *Journal of Emergency Nursing*. 2002; 28 (4):326-9.
- Botos I, O'Keefe BR, Shenoy SR et al. Structures of the complexes of a potent anti-HIV protein cyanovirin-N and high mannose oligosaccharides. *Journal of Biological Chemistry* 2002; 277 (37):34336-42.
- Brassinga AKC, Siam R, McSween W et al. Conserved response regulator CtrA and IHF binding sites in the alpha-proteobacteria *Caulobacter crescentus* and *Rickettsia prowazekii* chromosomal replication origins. *Journal of Bacteriology* 2002; 184 (20):5789-99.
- Chen JM, Wang LQ, Chen JJY et al. Detection of antibodies to human immunodeficiency virus (HIV) that recognize conformational epitopes of glycoproteins 160 and 41 often allows for early diagnosis of HIV infection. *Journal of Infectious Diseases* 2002; 186 (3):321-31.
- Cioffi EA, Alston KE, Patel AM. Potential kinetic control of ultrasonic H-1 -> H-2 isotopic exchange by transition metal doping of Raney-nickel((R)) catalysts. *Tetrahedron Letters* 2002; 43 (49):8985-7.
- Cottrell WC, Pearsall AW, Hollis JM. Simultaneous tears of the Achilles tendon and medial head of the gastrocnemius muscle. *Orthopedics* 2002; 25 (6):685-7.
- Cunningham JM. Urinary incontinence in the elderly: overview and recent developments. *Family Practice Recertification* 2000; 22 (7):55-8 60 3-6.
- Deasy JO, Niemierko A, Herbert D et al. Methodological issues in radiation dose-volume outcome analyses: Summary of a joint AAPM/NIH workshop. *Medical Physics* 2002; 29 (9):2109-27.
- Denicola A, Rubbo H, Haden L et al. Extramitochondrial localization of NADH-fumarate reductase in trypanosomatids. *Comparative Biochemistry and Physiology B-Biochemistry & Molecular Biology* 2002; 133 (1):23-7.
- Diwan AH, Umbreit J, Nelson BP. Long-term survival of a patient with human immunodeficiency virus infection and Hodgkin's lymphoma. *Southern Medical Association Journal*. 2002; 95 (8):943-4.
- Dobson S, Kar B, Kumar R et al. A novel tetratricopeptide repeat (TPR) containing PP5 serine/threonine protein phosphatase in the malaria parasite, *Plasmodium falciparum*. *BMC Microbiology*. 2001; 1 (1):31.
- Dubuisson JG, Dyess DL, Gaubatz JW. Resveratrol modulates human mammary epithelial cell O-acetyltransferase, sulfotransferase, and kinase activation of the heterocyclic amine carcinogen N-hydroxy-PhIP. *Cancer Letters*. 2002; 182 (1):27-32.
- Dye D. Integrated HIS for community hospitals: small hospitals can get the same "big bang" efficiencies and functionality as large hospitals with an integrated hospital information system. *Health Management Technology* 2001; 22 (12):38-9.
- Emovon OE, Op't Holt C, Browne BJ. Can a pharmacokinetic approach to immunosuppression eliminate ethnic disparities in renal allograft outcome? *Clinical Transplantation* 2002; 16:45-8.
- Fenton RR, Molesworth-Kenyon S, Oakes JE et al. Linkage of IL-6 with neutrophil chemoattractant expression in virus-induced ocular inflammation. *Investigative Ophthalmology & Visual Science*. 2002; 43 (3):737-43.
- Galigniana MD, Harrell JM, Murphy PJM et al. Binding of hsp90-associated immunophilins to cytoplasmic dynein: Direct binding and in vivo evidence that the peptidylprolyl isomerase domain is a dynein interaction domain. *Biochemistry* 2002; 41 (46):13602-10.
- Garrick MD, Dolan KG, Horbinski C et al. DMT1: A mammalian transporter for multiple metals. *Biomaterials* 2003; 16 (1):41-54.
- Gifford KE. Using instructional games: a teaching strategy for increasing student participation and retention. *Occupational Therapy in Health Care* 2001; 15 (1/2):13-21.
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## Free Drug Databases for PDA

--Jie Li

### ePocrates Rx

[http://epocrates.com/products/rxPro6/prod\\_diff.cfm](http://epocrates.com/products/rxPro6/prod_diff.cfm)

ePocrates Rx, the best free clinical drug database, contains more than 2,700 brand and generic peer-reviewed drug information including off-label indications and formularies in an easy to use format.

The database is searchable by drug's generic name, trade name, or class. Under each drug, more information is available under tabs labeled "Adult Dosing," "Peds Dosing," "Contraindication/Cautions," "Drug Interactions," "Adverse Reactions," "Mfr/Cost Info," and "Other Info".

There is also a "Notes" feature for entering personal information from personal observations.

Under "Multicheck", up to 30 drugs at a time may be selected for checking drug-drug interactions. Users may use graffiti or built-in keyboard to enter drug names for searches.

ePocrates Rx comes with an auto update feature. Every time a hotsync is performed, it automatically connects to the server to download update information.

A DocAlert provides the latest update information about drugs. Insurance company's co-pay information is also available.

Clinical tables and guidelines and alternative medicine are only available for ePocrates Rx Pro version.

It's available for Palm OS only, and requires 2.1 MB of memory. Last update, version 6.0, December 5, 2002

### Johns Hopkins Antibiotic Guide

<http://hopkins-abxguide.org/>

The Johns Hopkins Point of Care Information Technology (POC-IT) Antibiotic (ABX) Guide is a handheld-ready adaptation of the online ABX Guide. It is optimized for use at the point of care. The ABX Guide is an electronic reference tool that gives doctors continually updated and easily accessible digests of the most current expert opinions and guidelines for the diagnosis and treatment of infectious diseases. The ABX Guide has three categories: Diagnosis, which lists diagnoses for nineteen systems; Pathogen, which includes bacteria, fungi, parasites, viruses and others; and Antibiotic, which includes antibacterial, antifungal, antimycobacterial, antiparasitic, antiviral and others. Users may use graffiti to find a specific diagnosis, pathogen or antibiotic. Antibiotics are listed by their generic names with four columns with brand name, drug forms, dosages, and costs. Other display information includes class, indications, usual adult dosing, adverse reactions, drug interactions, comments, glomerular filtration, pregnancy risk and author. The build-in function makes it easy to move it from handheld device to memory card or vice versa. It connects to a server to get update information whenever a hotsync is performed.

The Guide is available on all forms of PDAs and uses 1363 KB of memory. Last update, version 2.0, 2002.

### mobilePDR

<http://www.pdr.net/>

mobilePDR is the concise version of the Physician's Desk Reference (PDR) for handheld devices. MobilePDR displays brief summary extracted from PDR of drug indications, contraindications, warnings and precautions, adult and pediatric dosing, adverse reactions, drug-drug interactions, therapeutic class, Black Box warnings, how supplied, DEA class, pregnancy and nursing information and manufacturer's name. The database lists brand and generic names and may be sorted by indications or therapeutic class. It is searchable by drug's brand and generic names. Each drug has a page number referring to the print PDR. The latest updates of drug information are provided when a hotsync is performed. It is available for both Palm OS and Pocket PC and requires Palm OS 3.0 or higher and Pocket PC OS 3.0 or higher. It requires 5.4 MB of free memory for Palm and 9 MB for Pocket PC. Version 1.0 was released in 2002. Only physicians, physician assistants, and nurse practitioners are allowed to download the software.

### Also of note: Edrugs Software

<http://www.geocities.com/fhirning/eDrugsSoftware.html/>

Of special interest to physicians caring for renal patients. eDrugData uses 231 KB of memory and edDrugRenal uses 78 KB memory. Last update, November 25, 2002.

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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.

### Cochrane Database

The premiere resource for Evidence-Based Medicine reviews.

### 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.

### STAT!Ref - 24 books :

drug information, dermatology, pharmacology, family medicine, immunology & more.

Alabama Virtual Library  
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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

### Science Citation Expanded

Enabling users to search current and retrospective multidisciplinary 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 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, daily 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.

**New SOUTHmed Member**

Johnson, Green & Miller of Milton, FL is the newest member of the SOUTHmed Information Network.

The following hospitals and law firms have renewed their membership for 2002-2003:

Dale Medical Center, Ozark, AL  
Fort Walton Beach Medical Center, FortWalton Beach, FL  
Mizell Memorial Hospital, Opp, AL  
Mobile Infirmary Medical Ctr, Mobile, AL  
Monroe County Hospital, Monroeville, AL  
Providence Hospital, Mobile, AL  
Springhill Medical Center, Mobile, AL  
Wiregrass Medical Center, Geneva, AL  
Ambrecht, Jackson & DeMouy, Mobile, AL  
Cunningham Bounds, Yance, Crowder & Brown, Mobile, AL

**SOUTHmed Update**



The following hospitals will be provided SOUTHmed services as a part of SAMnet:

Atmore Community Hospital, Atmore, AL  
Evergreen Medical Center, Evergreen, AL  
McMillan Hospital, Brewton, AL  
South Baldwin Regional Medical Center, Foley, AL  
Stabler Memorial Hospital, Greenville, AL  
Vaughn Jackson Medical Center, Jackson, AL

SOUTHmed services include reference assistance, literature searches, document delivery, and training classes – all at reduced or no fee. For further information on the SOUTHmed Information Network, contact Judy Burnham, 251/460-6888, [jburnham@jaguar1.usouthal.edu](mailto:jburnham@jaguar1.usouthal.edu)

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