

# Biofeedback

University of South Alabama Biomedical Library  
<http://southmed.usouthal.edu> Issue #47 Spring 2000

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## InfoFair 2000

InfoFair 2000 will be held at the College of Medicine Conference Room, April 12-13, 2000. Dr. George Lundberg, Editor of Medscape (and former editor of JAMA) will be the key note speaker on April 12 at 9am in the MSB Auditorium. Following Dr. Lundberg's presentation, the exhibits will be open at 10am and will remain open until 6pm. On April 13, the exhibits will be open 9am-6pm. Refreshments will be provided both days. Exhibitors will include MD Consult, Elsevier Science Direct, Institute for Scientific Research, CINAHL, National Network of Libraries of Medicine, Network of Alabama Academic Libraries, Daniels Communications, Gold Standard Multimedia, COM Telemedicine and AHEC Departments and several departments from the Baugh Biomedical Library and Media Production Services.

For further information on InfoFair 2000, <http://southmed.usouthal.edu/infofair/>



## Charles M. Baugh Biomedical Library Dedicated

The University of South Alabama Board of Trustees has named the Biomedical Library in honor of Dr. Charles M. Baugh, Dean of the College of Medicine and Vice President for Medical Affairs. The dedication of the Charles M. Baugh Biomedical Library was held Jan 14, 2000. During the ceremony, remarks were made by President Gordon Moulton, a representative from the Board of Trustees, and representatives from the faculty. Acceptance remarks were made by one of Dr. Baugh's daughters.

Baugh began at USA in 1973 as a professor and chair of Biochemistry. He was named Associate Dean for Basic Medical Sciences in 1976 and Dean of the College of Medicine in 1987. He retired in 1993, but in 1998 put his retirement on hold and returned to USA as Dean.

At USA he was involved in the creation of the Health Services Foundation medical practice plan, the South Alabama Medical Sciences Foundation and PrimeHealth health maintenance organization.

Dr. Baugh was instrumental in obtaining the building and remodeling for the current location of the Baugh Biomedical Library. As a strong supporter of the library in his various positions, it is very fitting that the Biomedical Library be named in his honor.

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

PDR.net is a medical and healthcare web site created by Medical Economics Company Inc. PDR.net offers publications by Medical Economics online for physicians, pharmacists, physician assistants and nurses without charge. It includes PDR (Physicians' Desk Reference) and Stedman's Medical Dictionary. It also provides access to the Red Book drug price database, the Directory of Hospital Personnel, the HMO/PPO Directory, and MEDLINE.

PDR.net also makes the fulltext of 13 journals published by Medical Economics available, without charge, online for anyone. Most journals are from January 1996 to present. The journal titles are: Business & Health, Contemporary OB/GYN, Contemporary Pediatrics, Contemporary Urology, Drug Topics, Hospital Pharmacist Report, Internal Medicine, JAAPA Journal of the American Academy of Physician Assistants, IM Medical Economics, RN, Office Nurse, Patient Care, and Strategic Medicine. Consumers who wish to use the Physicians' Desk Reference or Stedman's Medical Dictionary online must purchase a monthly or yearly subscription for online access, which costs \$9.95/month or \$99.95/year.

**BIOFEEDBACK, New Series,  
 Issue #47, Spring 2000**

The Biomedical Library Biofeedback, a publication of the University of South Alabama Biomedical Library, is published at irregular intervals. Editor: Judy Burnham. Contributors to this issue were Everly Brown, Judy Burnham, Jie Li, Sally Murray, Geneva Staggs and Diane Williams. Comments should be addressed to Judy Burnham, Biomedical Library, University of South Alabama, Mobile, AL 36688-0002



*"MDConsult is a convenient resource for biomedical information. It allows for rapid access to a variety of databases".*

*Dr. Jack DiPalma*

MD Consult is the most comprehensive online clinical information resource available. The integrated collection of the most trusted medical books, journals, drug information, and many other resources make it easy for students, physicians, and clinical staff to quickly find answers and stay up-to-date in medicine.

Recently the American Association of Medical Colleges (AAMC) conducted a poll across all levels of medical education regarding technology. In the answer to 'what technology resource has made the biggest difference in your work this year?', MD Consult was the second most frequent information resource mentioned, following only PubMed.

In a recent journal article [Graber, MA; GR Bergus; C York. "Using the World Wide Web to answer clinical questions: how efficient are different methods of information retrieval?" Journal of Family Practice, July 1999, 49(7): 520-524], MD Consult was one of 16 sites, search engines and meta-lists used to answer ten questions. MD Consult was the only source to answer 6 questions. The others ranged from 5 to zero questions answered. MD Consult met all eight Health on the Net (HON) Criteria (guidelines for health information on the web, see <http://www.hon.ch/HONcode/Conduct.html>), and it averaged the second lowest number of Web pages viewed before finding an answer (2.8, vs. 2.6 for HotBot).

MD Consult is available from any campus hard-wired computer. To access MD Consult, go to <http://southmed.usouthal.edu/library/mdconsult.htm>

**LIBRARY SERVICE NUMBERS**

General Information:

Campus	460-7043
UMC	471-7855
Fax Campus	460-7638
UMC	471-7857

Administration:

Director, Tom Williams	460-6885
twilliam@jaguar1.usouthal.edu	
Secretary, Bonnie Seibert	460-6885

Public Services and Education :

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

Reference Services

Campus	460-7044
UMC	471-7855

Circulation

Campus	460-7043
UMC	471-7855

Interlibrary Loan

	460-6891
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Regional and Technical Services:

Judy Burnham	460-6888
jburnham@jaguar1.usouthal.edu	

**HOURS for BIOMEDICAL LIBRARY**

Campus site

Monday-Thursday	7:15am - 11:45pm
Friday	7:15am - 8:00pm
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

E-mail - [medlib@jaguar1.usouthal.edu](mailto:medlib@jaguar1.usouthal.edu)

WWW URL - <http://southmed.usouthal.edu>

The Baugh Biomedical Library will be closed April 23, 2000 for Easter

## Faculty Staff News

During a recent Faculty Senate meeting, Sally Murray was commended for her work on the Faculty Senate web page. Sally is responsible for updating and maintaining the page. She is also Webmaster for the COM homepage and the Baugh Biomedical Library.

Tom Williams has been appointed Chair of the Fellows and Honorary Members Committee of the Medical Library Association. He has also been elected Section Council Representative for the International Cooperation Section of MLA. Judy Burnham has been appointed a member of the Scholarship Jury for MLA.

Judy Burnham has received notification of her acceptance in the Academy of Health Information Professionals (AHIP) as a Distinguished member. AHIP is the credentialing agency of the Medical Library Association.

Belinda DiSario has been appointed the new Supervisor of Circulation and Reserves.



## PubMed Central Update

PubMed Central, the barrier-free NIH repository for peer-reviewed primary research reports in the life sciences, began accepting

journal articles in January 2000.

FREE fulltext can now be viewed in PubMed Central, both as HTML, through your web browser, and as downloadable PDFs. Features include: links from article reference citations to PubMed abstracts, figures sized for on-screen viewing, and support for supplementary information such as data tables, streaming video, and high-resolution images.

Coming within the next few months will be direct links from PubMed search results to the fulltext of articles in PubMed Central, the development of new search engines, and flexible support for new scientific publishing models, such as "electronic-only" journals.

To access PubMed Central go to <http://www.pubmedcentral.nih.gov/>

## *Library Services Fees January 2000 (Fees subject to change)*

*\* Eligible patrons not charged for inhouse*

*\*\*All other USA go to UL*

Service	COM Faculty, Staff, Students, Housestaff	All other USA	SOUTHmed Network Members	All Others
Verification	\$2.00 citation	\$2.00 citation	\$2.00 citation	\$2.00 citation
Fax Sending (receiving not available)	.50 page to 334 numbers (\$2.00 minimum); \$1.00 page to other numbers (\$3.00 minimum)	.50 page to 334 numbers (\$2.00 minimum); \$1.00 page to other numbers (\$3.00 minimum)	.50 page to 334 numbers (\$2.00 minimum); \$1.00 page to other numbers (\$3.00 minimum)	1.00 page to 334 numbers (\$4.00 minimum); \$2.00 page to other numbers (\$6.00 minimum)
Photocopy USA Biomedical Library Articles**	NC (first 20/mo, then \$3.00) (patrons on site - \$3.00) + fax \$2.00	NC (first 20/mo, then \$3.00) for CON, COAHP fac, staff, students (patrons on site -\$3.00) \$3.00 all other + fax \$2.00	\$5.00 +fax \$2.00 NC for hospital members	\$20.00 pickup/mail +fax \$5.00 rush fax \$7.00
Borrower's Card	Free first time, \$5.00 replace	Free first time, \$5.00 replace	Free first time, \$5.00 replace	Not available
Interlibrary Loan (includes UL items) (items at Bindery will be free)	No charge (first 20/mo, then \$5.00+royalty) \$2.00 fax \$5.00 rush	NC CON, COAHP Fac, staff, grad student (first 20/mo, then \$5.00+royalty); CON, COAHP UG at cost*** +\$2.00 fax; +\$5.00 rush	\$10.00 + applicable royalty fees +\$2.00 fax +\$5.00 rush	\$25.00 LD \$20.00 +rush \$5.00 + applicable royalty fees
Novell Access	NC	NC	NC	\$5.00/hour
OVID Databases - End User Searching	No charge	CON & CAHP students \$10.00/semester; faculty NC; all others \$4.00/half hour (annual rates available, call for information)	Call 460-6888 for information	\$8.00/half hour
Mediated Online Searches - MEDLINE, CINAHL	\$10.00 current 5 years +\$5.00 for backfiles	\$10.00 current 5 years +\$5.00 for backfiles	\$10.00 current 5 years +\$5.00 for backfiles NC for hospital members	\$35.00 current 5 years +\$10.00 for backfiles
Mediated Online Searches - Other Databases	\$5.00/database + cost incurred; \$10.00 minimum	\$5.00/database + cost incurred; \$10.00 minimum	\$5.00/database + cost incurred; \$10.00 minimum	\$35.00/search + cost incurred
Consultations	Call 460-7044 for information	Call 460-7044 for information	1 free per year; \$150.00 per day; \$100.00 per half-day	\$350+expenses/day \$200+expenses/half day
Copycard or Photocopy	\$.10 per copy +\$.55 per card	\$.10 per copy +\$.55 per card	\$.10 per copy +\$.55 per card	\$.10 per copy Card not available

## Integrated Medical Curriculum

This web site has added a Clinical Pharmacology section which includes:

- Investigational Drugs - Drugs "in the pipeline," such as those in Phase III FDA trials
- Combination Drugs - Multiple-agent preparations, including many OTC products
- Less Common Drugs - Drugs which are infrequently used or for which there is little information
- Nutraceuticals - Herbs, trace elements, and dietary supplements used in a therapeutic manner
- Nutritional Products - Products given as nutritional supplementation, with component RDA's and nutrient/drug interactions

This site is free and can be accessed at <http://imc.gsm.com>



## Web SOUTHcat Is Here!

Forget the old text-based SOUTHcat, you can access the new SOUTHcat from anywhere in the world through your WWW browser. With it, eligible users can link directly to web versions of journals to which the library subscribes. Not all e-journals will be available off campus. You can perform hyperlinked searches, so when you find a book you're interested in, you can click on the author's name to find more by that author. You can also click on a subject to search for more items with that subject heading.

To check your personal account status - how many and which books you have checked out, when they're due, if you owe fines, the status of books you've requested - you can login to SOUTHcat with your patron barcode number. After using this feature, be sure to logoff, so no one else has access to your information.

If you'd like assistance using the new SOUTHcat or want more information, come to the Reference Desk at either site, or contact us by telephone or email (See chart on page 2 for contact information). We can help you get the most from the new system.

To access the library's new catalog, point your WWW browser to: <http://southcat.usouthal.edu>

## Media Production Services Update

### New OCR Software

Our Optical Character Recognition software, OmniPage Pro 10, is the latest in OCR technology. With this software Media Production Services can scan your pages and convert them to editable text. This eliminates the need for saving pages of text as large graphics (and using huge blocks of memory), or of retyping text in order to make needed changes. Thus time and money are saved.

### New Poster production

Publication Services has acquired a new large format color printer for printing posters up to 54 inches wide by any reasonable length. The charges are substantially less than fees charged by outside vendors, and Media Production Services has teamed up with Publications to provide even more savings.

## USA AHEC Update

Everly Brown has been appointed as Circuit Librarian to provide library services for the Learning Resource Centers that will be a part of the USA AHEC (Area Health Education Center) program. The USA AHEC program has identified six potential sites in the SEAHEC and SWAHEC service areas.

Everly Brown has completed a grant proposal to the National Library of Medicine to procure funding for the development of a communications infrastructure at the sites. Two sites will receive funds to cover the overall cost of a connection to the Internet, including: gateway or router equipment, associated communication hardware, a leased line and its installation, local area network user support staff, and Internet service provider fees. The grant will be awarded by September 2000.



## Classes Offered

The following classes will be offered by the Biomedical Library April-June 2000. All classes will be held at the Biomedical Library Campus site. Advanced registration is required. Contact the reference desk at 460-7044 or by e-mail at [medlib@jaguar1.usouthal.edu](mailto:medlib@jaguar1.usouthal.edu).

### Advantage Internet: Searching & Evaluating

Lost on the Internet? Can't seem to find what you need? Can't tell if the site you've found is trustworthy? This class helps answer those questions. It 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.

### 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.

### OID CINAHL\*

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

\*Participants must have an OVID account and password.

### OID MEDLINE\*

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

\*Participants must have an OVID account and password.

### PubMed/IGM

Learn how to search and navigate Medline through the free databases of the National Library of Medicine, PubMed and Internet Grateful Med (IGM). 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. Participants will learn to locate information for incomplete citations, such as when only the first page and page and name of the journal is known.

## PubMed Update

The new beta version of PubMed is available and includes the following enhancements:

- .. Pull-down menus to limit searches by age, gender, publication type, language and publication date.

- .. Different display formats including brief, abstract, and summary

- .. A search history allowing users to combine results from different searches

- .. A clipboard to save as many as 50 unique citations from different searches.

The new PubMed interface can be found at <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>

To schedule a training session on the new PubMed, contact your library liaison or the Public Services Dept at 460-7044, [medlib@jaguar1.usouthal.edu](mailto:medlib@jaguar1.usouthal.edu)



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*Classes will be offered on a per-request basis.*

*Class times are flexible with evening and weekend sessions often being accommodated.*

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## Faculty Publications

Listed below are journal publications by USA faculty indexed in MEDLINE, CINAHL, HEALTHstar and Current Contents for January-April 2000. This list is generated from the address of the first listed author in MEDLINE, CINAHL and HEALTHstar, and from the institution 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.

- Ballard ST. Trout L. Bebok Z. Sorscher EJ. Crews A. CFTR involvement in chloride, bicarbonate, and liquid secretion by airway submucosal glands. *American Journal of Physiology*. 277(4 Pt 1):L694-9, 1999 Oct.
- Birincioglu M. Yang XM. Critz SD. Cohen MV. Downey JM. S-T segment voltage during sequential coronary occlusions is an unreliable marker of reconditioning. *American Journal of Physiology*. 277(6 Pt 2):H2435-41, 1999 Dec.
- Brown MS. Siegel IM. Lisman RD. Prospective analysis of changes in corneal topography after upper eyelid surgery. *Ophthalmic Plastic & Reconstructive Surgery*. 15(6):378-383, 1999 Nov.
- Brown SJ. Student nurses' perceptions of elderly care. *Journal of National Black Nurses Association*. 10(2):29-36, 1999.
- Burke E. Mahoney NM. Almo SC. Barik S. Profilin is required for optimal actin-dependent transcription of respiratory syncytial virus genome RNA. *Journal of Virology*. 74(2):669-75, 2000 Jan.
- Burns J. Labbe E. Williams K. McCall J. Perceived and physiological indicators of relaxation: as different as Mozart and Alice in chains. *Applied Psychophysiology & Biofeedback*. 24(3):197-202, 1999 Sep.
- Bustamante JO. Michelette ERF. Geibel JP. Dean DA. Hanover JA. McDonnell TJ. Calcium, ATP and nuclear pore channel gating. *Pflugers Archiv - European Journal of Physiology*. 439(4):433-444, 2000 Feb.
- Chen XC. Ansai T. Awano S. Ilda T. Barik S. Takehara T. Isolation, cloning, and expression of an acid phosphatase containing phosphotyrosyl phosphatase activity from *Prevotella intermedia*. *Journal of Bacteriology*. 181(22):7107-7114, 1999 Nov.
- Cheng AY. Dean NM. Honkanen RE. Serine/threonine protein phosphatase type 1 gamma 1 is required for the completion of cytokinesis in human A549 lung carcinoma cells. *Journal of Biological Chemistry*. 275(3):1846-1854, 2000 Jan 21.
- Clark WM. Williams BJ. Selzer KA. Zweifler RM. Sabounjian LA. Gammans RE. A randomized efficacy trial of citicoline in patients with acute ischemic stroke. *Stroke*. 30(12):2592-2597, 1999 Dec.
- Dean DA. Dean BS. Muller S. Smith LC. Sequence requirements for plasmid nuclear import. *Experimental Cell Research*. 253(2):713-22, 1999 Dec 15.
- Downey JM. Cohen MV. Preconditioning. *Myocardial Viability: A Clinical And Scientific Treatise*. 2000:55-75
- Faust ME. Balota DA. Spieler DH. Ferraro FR. Individual differences in information-processing rate and amount: implications for group differences in response latency. *Psychological Bulletin*. 125(6):777-99, 1999 Nov.
- Fuchl LF. Freeman SF. Boh EE. McBurney E. Marrogi AJ. Atypical cutaneous lymphocytic infiltrate and a role for quantitative immunohistochemistry and gene rearrangement studies. *International Journal of Dermatology*. 38(10):749-56, 1999 Oct.
- Gonzalez RP. Falimirski M. Holevar MR. Evankovich C. Surgical management of renal trauma: is vascular control necessary? *Journal of Trauma-Injury Infection & Critical Care*. 47(6):1039-42; discussion 1042-4, 1999 Dec.
- Goodman SR. Discovery of nonerythroid spectrin to the demonstration of its key role in synaptic transmission. *Brain Research Bulletin*. 50(5-6):345-6, 1999 Nov 15-Dec.
- Grishko VI. Druzhyina N. LeDoux SP. Wilson GL. Nitric oxide-induced damage to mtDNA and its subsequent repair. *Nucleic Acids Research*. 27(22):4510-6, 1999 Nov 15.
- Harpen MD. A simple theorem relating noise and patient dose in computed tomography. *Medical Physics*. 26(11):2231-4, 1999 Nov.
- Hart RG. Pearce LA. Miller VT. Anderson DC. Rothrock JF. Albers GW. Nasco E. Cardioembolic vs. noncardioembolic strokes in atrial fibrillation: Frequency and effect of antithrombotic agents in the stroke prevention in atrial fibrillation studies. *Cerebrovascular Diseases*. 10(1):39-43, 2000 Jan-Feb.
- Herrera JL. Iron depletion is not effective in inducing a virologic response in patients with chronic hepatitis C who failed to respond to interferon therapy. *American Journal of Gastroenterology*. 94(12):3571-5, 1999 Dec.
- Hofmann W. Schubert D. LaBonte J. Munson L. Gibson S. Scammell J. Ferrigno P. Sodroski J. Species-specific, postentry barriers to primate immunodeficiency virus infection. *Journal of Virology*. 73(12):10020-10028, 1999 Dec.
- Horton AJ. Hak KM. Steffan RJ. Foster JW. Bej AK. Adaptive response to cold temperatures and characterization of cspA in *Salmonella typhimurium* LT2. *Antonie van Leeuwenhoek International Journal of General & Molecular Microbiology*. 77(1):13-20, 2000 Jan.
- Hudgens RA. Chiasson BJ. Crotty JM. Nimityongskul P. An irreducible knee dislocation: a case report. *American Journal of Orthopedics*. 28(12):711-3, 1999 Dec.
- Kerrigan JE. Walters MC. Forrester KJ. Crowder JB. Christopher LJ. 6-Acylamino-2-[(alkylsulfonyl)oxy]-1H-isoindole-1,3-dione mechanism-based inhibitors of human leukocyte elastase. *Bioorganic & Medicinal Chemistry Letters*. 10(1):27-30, 2000 Jan 3.
- Kiene RP. Ocean biogeochemistry --Sulphur in the mix. *Nature*. 402(6760):363+, 1999 Nov 25.
- Kim SO. Baines CP. Critz SD. Pelech SL. Katz S. Downey JM. Cohen MV. Ischemia induced activation of heat shock protein 27 kinases and casein kinase 2 in the preconditioned rabbit heart. *Biochemistry & Cell Biology-Biochimie & Biologie Cellulaire*. 77(6):559-567, 1999.
- Kovaleski JE. Gurchiek LR. Heitman RJ. Hollis JM. Pearsall AW 4th. Instrumented measurement of anteroposterior and inversion-eversion laxity of the normal ankle joint complex. *Foot & Ankle International*. 20(12):808-14, 1999 Dec.
- Luterman A. Burns and metabolism. *Journal of the American College of Surgeons*. 190(2):104-114, 2000 Feb.
- Maitra A. Ward PCJ. Kroft SH. Levinson BS. Jamal S. Fishleder AJ. Sendelbach KM. McKenna RW. Cytoplasmic inclusions in leukocytes - An unusual manifestation of cryoglobulinemia. *American Journal of Clinical Pathology*. 113(1):107-112, 2000 Jan.
- Massey EL. Weston BC. *Vibrio vulnificus* corneal ulcer: rapid resolution of a virulent

pathogen. *Cornea*. 19(1):108-9, 2000 Jan.

McMillon RK. Townsley MI. Alpha-adrenergic vasoreactivity of canine intrapulmonary bronchial arteries in pacing-induced heart failure. *American Journal of Physiology*. 277(4 Pt 2):H1392-402, 1999 Oct.

Monroe MT. Manoli A 2<sup>nd</sup>. Osteoid osteoma of the lateral talar process presenting as a chronic sprained ankle. *Foot & Ankle International*. 20(7):461-3, 1999 Jul.

Onuchic LF Mrug M. Lakings AL Muecher G. Becker J. Zerres K. Avner ED, Dixit M. Somlo S. Germino GG, Guay-Woodford LM. Genomic organization of the KIAA0057 gene that encodes a TRAM-like protein and its exclusion as a polycystic kidney and hepatic disease 1 (PKHD1) candidate gene. *Mamm Genome*. 10(12):1175-8, 1999 Dec.

Op't Holt TB. Ventilator monitoring: understanding the essentials of waveform analysis. *AARC Times*. 23(7):7-8, 10, 12, 1999 Jul.

Patel N. Saleeb SF. Teplick SK. General case of the day. Mesenteric panniculitis with extensive inflammatory involvement of the peritoneum and intraperitoneal structures. *Radiographics*. 19(4):1083-5, 1999 Jul-Aug.

Pechanova O. Bernatova I. Pelouch V. Babal P. L-NAME-induced protein remodeling and fibrosis in the rat heart. *Physiological Research*. 48(5):353-362, 1999.

Pindak FF. Mora dePindak M. Diagnostic characteristics of owl monkey (*Aotus trivirgatus*) intestinal trichomonads. *Acta Protozoologica*. 37:159-172, 1998.

Radding W. Jordan SE. Hester RB. Blair HC. Intracellular calcium puffs in osteoclasts. *Experimental Cell Research*. 253(2):689-696, 1999 Dec 15.

Sangerman J. Gard AL. Shah A. Goodman SR. Synthesis, assembly, and turnover of alpha and beta-erythroid and nonerythroid spectrins in rat hippocampal neurons. *Brain Research*. 849(1-2):128-38, 1999 Dec 4.

Scammell JG. Reddy S. Valentine DL. Coker TN. Nikolopoulos SN. Ross RA. Isolation and characterization of the human secretogranin II gene promoter. *Molecular Brain Research*. 75(1):8-15, 2000 Jan 10.

Sikorski AF. Sangerman J. Goodman SR. Critz SD. Spectrin (beta SpII Sigma 1) is an essential component of synaptic transmission. *Brain Research*. 852(1):161-166, 2000 Jan 3.

Sjoholm A. Honkanen RE. Polyamines regulate serine/threonine protein phosphatases in insulin-

secreting cells. *Pancreas*. 20(1):32-37, 2000 Jan.

Spector MP. Garcia del Portillo F. Bearson SM. Mahmud A. Magut M. Finlay BB. Dougan G. Foster JW. Pallen MJ. The rpoS-dependent starvation-stress response locus *stiA* encodes a nitrate reductase (*narZYWV*) required for carbon-starvation-inducible thermotolerance and acid tolerance in *Salmonella typhimurium*. *Microbiology*. 145 (Pt 11):3035-45, 1999 Nov.

Taylor AE. Moore TM. Capillary fluid exchange. *American Journal of Physiology*. 277(6 Pt 2):S203-10, 1999 Dec.

Thurston-Stanfield CL. Ranieri JT. Vallabhapurapu R. Barnes-Noble D. Role of vagal afferents and the rostral ventral medulla in intravenous serotonin-induced changes in nociception and arterial blood pressure. *Physiology & Behavior*. 67(5):753-67, 1999 Nov.

Townsley MI. Snell KS. Ivey CL. Culberson DE. Liu DC. Reed RK. Mathieu-Costello O. Remodeling of lung interstitium but not resistance vessels in canine pacing-induced heart failure. *Journal of Applied Physiology*. 87(5):1823-30, 1999 Nov.

Yang YM. Andrews S. Peterson R. Shah A. Cepeda M. Prenatal sickle cell screening education effect on the follow-up rates of infants with sickle cell trait. *Patient Education & Counseling*. 39(2-3):185-189, 2000 Feb.

## Microcomputer Lab Update

The College of Medicine Micro-computer lab has new 500 Mhz Pentium computers with Microsoft Office. College of Medicine students now have access to Word, PowerPoint, and Excel as well as Word-perfect.

## ClinicalTrials.gov

The U.S. National Institutes of Health launched a new consumer-friendly database, [ClinicalTrials.gov](http://ClinicalTrials.gov), in February 2000. The database was created to provide patients, families, and the general public with current information about clinical research studies, with the aim of making it the most comprehensive central listing of such. Initially, the database will primarily contain information on studies supported by the National Institutes of Health (NIH), but will work toward adding those sponsored by other Federal Agencies, the pharmaceutical industry, and private nonprofit organizations.

Users will be able to search for clinical trials by disease or condition, by sponsor, or use a "Focused Search" page to find studies meeting specific criteria, such as: location, age group, study phase, and enrollment status.

To reach the [ClinicalTrials.gov](http://ClinicalTrials.gov) page, go to <http://clinicaltrials.gov>

## Users' Guides to Evidence-Based Practice

The working documents behind the "Users' Guides to the Medical Literature", published in *JAMA* from 1993-1999 are available online. These articles are intended to serve as a guide for the practicing physician to help in interpreting the literature. The series covers such topics as

### *How to Use Primary Studies About:*

- Therapy or Prevention
- Diagnosis
- Harm
- Prognosis

### *How to Use Integrative Studies that are:*

- Overviews
- Decision Analyses
- Practice Guidelines
- Utilization Analyses
- Outcomes Analyses
- Health-Related Quality of Life Measurements
- Economic Analysis of Clinical Practice
- Method for Grading Health Care Recommendations
- Applicability of Clinical Trials

These papers can be located at [http://www.cche.net/principles/content\\_all.aspResults](http://www.cche.net/principles/content_all.aspResults)

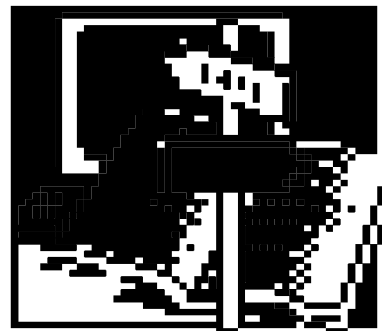
## Southmed Update

Everly Brown has joined the faculty of the Baugh Biomedical Library as Circuit Librarian. Everly will be responsible for providing library services to the AHEC (Area Health Education Centers) Learning Resource Centers. Everly will travel to the sites and provide reference assistance, document delivery, and training in locating information services.

The SOUTHmed Information Network would like to welcome the newest member, Fort Walton Beach Medical Center. This hospital joins a growing list of hospitals in Alabama that are provided with the complete information services of the USA Baugh Biomedical Library, including reference, database searching, document delivery, and training. For further information on joining this network and having access to quality health care information, contact Judy Burnham, 460-6888, [jburnham@jaguar1.usouthal.edu](mailto:jburnham@jaguar1.usouthal.edu).

An article in March issue of American Way, the magazine of American Airlines, quotes Judy Burnham, Assistant Director for Administrative and Regional Services. The article, "Web Sites for Good Health," focused on the importance of evaluating health care web sites for accuracy, authority and currency. For more information on evaluation of web sites, call the Baugh Bioimediical Library.

SOUHmed will be exhibiting at InfoFair2000. Stop by the booth to obtain further information on membership.



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