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Biofeedback Newsletter

Charles M. Baugh Biomedical Library

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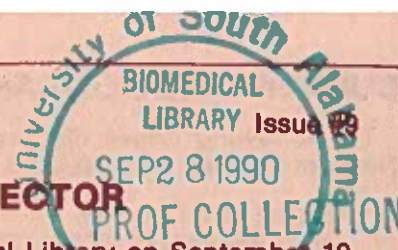
Fall 1990

## **Biofeedback - Fall 1990**

Biomedical Library Staff

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## NEW BIOMEDICAL LIBRARY DIRECTOR

Spencer Marsh began serving as Director of the Biomedical Library on September 10, 1990. Mr. Marsh earned his MLS from Indiana University and has completed his course work for a Ph.D. in Library and Information Science at the University of Illinois. Prior to coming to USA, Mr. Marsh served as Associate Director of the University of Texas Southwestern Medical Center in Dallas. While at UT-Southwestern, Mr. Marsh was involved in several research projects and was responsible for the adoption of a variety of computer applications that increased the efficiency of the Library. He also brings strong skills in strategic planning and management.

When asked about his plans for the Biomedical Library, Mr. Marsh stated that he is "very excited about my new position at the Biomedical Library. It will be wonderful to work with such excellent staff who are eager to increase service to the USA community. I'm confident that the library can quickly become a full partner in the growing excellence of the Colleges of Medicine, Nursing, and Allied Health. The Mobile area is so beautiful! I can't wait to get a canoe!" Please join the Biomedical Library faculty and staff in welcoming Mr. Marsh to the University of South Alabama community.

### LIBRARY SERVICE NUMBERS

General Information:	Campus 460-7043 UMC 471-7855
Administration:	
Director's Office	460-6886
Reference Services	
Geneva Bush	460-7043
Barbara Shearer (UMC)	471-7855
Judy Burnham (UMC)	471-7855
Circulation	Campus 460-7043 UMC 471-7855
Copy Cards	
Library Secretary	460-6885
Interlibrary Loans	460-6891
Acquisitions (Books & Journals)	460-6888
Patricia Rodgers	460-6888
Cataloging	
Sister Mary Peresich	460-6894
Serials	460-6889

### REGULAR HOURS

Biomedical Library (3rd floor Main Library Building, Campus)	
Monday - Thursday	8am - 8pm
Friday	8am - 5pm
Saturday	9am - 5pm
Sunday	1pm - 8pm
Medical Center Branch (1st floor Mastin Building)	
Monday - Thursday	7am - 10pm
Friday	7am - 5pm
Saturday	8am - 5pm
Sunday	2pm - 10pm

The Medical Center Branch is open all hours to anyone with a valid USA identification card. A guard will allow patrons into the Library. The Mastin Building is now locked from 6:00 pm weekdays and is locked on weekends. However, a security officer will provide entrance into the building.

Check with Circulation or Reference staff for break or holiday hours.

### GRATEFUL MED

The National Library of Medicine has recently introduced *Gratefully Yours*, a general interest newsletter that is published for the health professionals who perform their own searches. It is issued bimonthly and is sent to all holders of MEDLARS passwords.

When using GRATEFUL MED on the Macintosh, you must save any search files within the GRATEFUL MED folder. Otherwise, you will not be able to access the information.

### BRANDON-HILL CORE LISTS FOR NURSING AND ALLIED HEALTH

The "Selected List of Nursing Books and Journals" and the "Selected List of Books and Journals in Allied Health Sciences", both by Alfred N. Brandon and Dorothy R. Hill, have been issued for 1990/91. See a Librarian if you are interested in obtaining a copy.

### REFEREED SERIALS AND SERIALS ON CD-ROM

The 1990-91 edition of Ulrich's International Periodicals Directory includes an Index of Refereed Serials, listing over 2,300 serials. The previous edition of Ulrich's only noted if a serial was refereed in the entry for the serial. The directory also includes a listing of publications that are available on CD-ROM.



## CURRENT BIBLIOGRAPHIES IN MEDICINE

The following issues of Current Bibliographies in Medicine have been received by the Biomedical Library. They are housed at the Medical Center Location.

Surgery for Epilepsy  
Sleep Disorders of Older People  
Adjuvant Therapy for Colon and Rectum Cancer  
Intravenous Immunoglobulin Prevention and Treatment of Disease  
Treatment of Early Stage Breast Cancer  
Cocaine, Pregnancy and the Newborn

## BIOMEDICAL LIBRARY NOTES

A recent survey conducted by the Alabama Public Library Service showed that the Biomedical Library was the 6th highest lender of interlibrary loan materials in the state.

## COMPUTER SOFTWARE AVAILABLE FOR CIRCULATION

The following computer software programs are available for loan from the Medical Center Library:

Pro-Cite Demonstration Program (IBM)  
Reference Manager Demonstration Program (IBM)  
Papyrus Demonstration Program (IBM)  
Grateful Med (IBM) \*  
Grateful Med Tutorial Program (IBM) \*  
Grateful Med Demonstration Program (Macintosh)  
EndNote Demonstration Program (Macintosh)

Medical Science Weekly Demonstration Program (IBM)  
Current Contents Demonstration Program (IBM)  
Reference Update Demonstration Program (IBM)  
SilverPlatter Tutorial Program (IBM) \*

\* Also available at the Campus Biomedical Library

## THESAURUS AVAILABLE ON CINAHL CD-ROM

CINAHL on CD-ROM now includes the ability to use a thesaurus. The thesaurus is similar to the MeSH thesaurus of MEDLINE. This new feature, which allows use of explosions of terms and use of age-group categories, provides a more efficient method of searching the subject headings in CINAHL.

## CITATION CLASSIC BY FORMER COLLEGE OF MEDICINE FACULTY

The June 25, 1990 issue of *Current Contents* included a list of "The Most-Cited Papers of All Time, SCI, 1945-1988. Part 2. The Second 100 Citation Classics." Included in the list of Citation Classics was an article by Dr. Joe McCord, former Chair of the Department of Biochemistry. A Citation Classic is a publication that has been highly cited according to *Science Citation Index*, *Social Science Citation Index*, or *Arts and Humanities Citation Index*. Dr. McCord's article (Superoxide dismutase. *J Biol Chem* 244:6049-55, 1969) was cited 2,860 times in the 1945-1988 SCI and ranked 124 out of 200 articles. The article averaged 143 citations per year and was cited 214 times in 1988. Congratulations to Dr. McCord on this achievement.

## FEDERAL RESEARCH IN PROGRESS

Have you ever wanted to know who else is working on a grant in an area similar to one you either are working on currently or are considering? There is a database available for searching through the Biomedical Library that will help you locate other individuals who are performing related research and also help you determine who is funding research through a wide range of federal funding sources.

The database, Federal Research in Progress, is comprised of paragraph-long summaries of ongoing research projects in the physical sciences, engineering, and life sciences that are funded by such federal agencies as the Public Health Service (including the National Institutes of Health), the Veteran's Administration and the National Institute for Occupational Safety and Health. Approximately 3/4 of this database is devoted to medical research. To quote the vendor's description of this database, it may be used "to avoid research duplication, locate sources of support, identify leads in the literature, stimulate ideas for planning, identify gaps in areas of investigation, locate individuals with expertise and complement bibliographic data."

The cost of an average search is \$20-\$25 plus 60 cents for each research project printed with its summary. While you may not need this database often, its occasional use may save hours and dollars.

BIOFEEDBACK, New Series, Issue #9 Fall 1990

The Biomedical Library Biofeedback, a publication of the University of South Alabama, is published at irregular intervals. Editor: Judy Burnham. Contributors to this issue were: Barbara Shearer and Judy Burnham. Comments should be addressed to: Judy Burnham, Biomedical Library, University of South Alabama, Mobile, AL 36688.



## FACULTY PUBLICATIONS

Listed below are journal publications by USA Faculty indexed in Index Medicus for the period July through September 1990. This list is generated from the address of the first listed author in Medline. If we missed your latest contribution to the literature, please let us know so we can include it in a future listing.

- Allo SN, Schaffer SW. Defective sarcolemmal phosphorylation associated with noninsulin-dependent diabetes. *Biochimica et Biophysica Acta* 1990 Apr 13; 1023(2): 206-12.
- Baliga BS, Borowitz SM, Barnard JA. Effects of EGF and PMA on the growth and proliferation of IEC-6 cells. *Biochemistry International* 1989 Nov; 19(5): 1045-56.
- Baliga BS, Borowitz SM, Barnard JA. Modulation of EGF-receptors by phorbol ester in small intestinal crypt cells. *Biochemistry International* 1990; 20(1): 161-8.
- Barman SA, Taylor AE. Effect of pulmonary venous pressure elevation on vascular resistance and compliance. *American Journal of Physiology* 1990 Apr; 258(4 Pt 2): H1164-70.
- Berg JT, Allison RC, Prasad VR, Taylor AE. Endotoxin protection of rats from pulmonary oxygen toxicity: possible cytokine involvement. *Journal of Applied Physiology* 1990 Feb; 68(2): 549-53.
- Brady AG, Williams LE, Abee CR. Hypoglycemia of squirrel monkey neonates: implications for infant survival. *Laboratory Animal Science* 1990 May; 40(3): 262-5.
- Brogdon BG. The radiology manpower equation: a new look. *AJR American Journal of Roentgenology* 1990 May; 154(5): 1111-5.
- Brogdon BG. A3CR2. The third sponsor of Investigative Radiology. *Investigative Radiology* 1990 Apr; 25(4): 326-31.
- Bucher AP, Quindlen EA, Schlitt M. Black and white photography of horseradish peroxidase-stained histological slides. *Biotechniques* 1988 Nov-Dec; 6(10): 945-6.
- Cao TM. A simple and inexpensive system to amplify DNA by PCR. *Biotechniques* 1989 Jun; 7(6): 566-7.
- Carmichael J, Thomas WO, Dillard D, Luterman A, Ferrar JJ. Indications for placement of drains in the splenic fossa. *American Surgeon* 1990 May; 56(5): 313-8.
- Conrad ME, Umbreit JN, Moore EG, Peterson RD, Jones MB. A newly identified iron binding protein in duodenal mucosa of rats. Purification and characterization of mobilferrin. *Journal of Biological Chemistry* 1990 Mar 25; 265(9): 5273-9.
- Cookston M, Stober M, Kayes SG. Eosinophilic myocarditis in CBA/J mice infected with *Toxocara canis*. *American Journal of Pathology* 1990 May; 136(5): 1137-45.
- Downey JM. Free radicals and their involvement during long-term myocardial ischemia and reperfusion. *Annual Review of Physiology* 1990; 52: 487-504.
- Fitch JL. Consistency of fundamental frequency and perturbation in repeated phonations of sustained vowels, reading, and connected speech. *Journal of Speech and Hearing Disorders* 1990 May; 55(2): 360-3.
- Gaubatz JW, Flores SC. Purification of eucaryotic extrachromosomal circular DNAs using exonuclease III. *Analytical Biochemistry* 1990 Feb 1; 184(2): 305-10.
- Gaubatz JW, Flores SC. Tissue-specific and age-related variations in repetitive sequences of mouse extrachromosomal circular DNAs. *Mutation Research* 1990 Jan; 237(1): 29-36.
- Gremse DA, Peevy KJ, Walterspiel JN, Johnson WH Jr. Aortic thrombosis in a neonate with undetectable protein C. *Pediatric Radiology* 1990; 20(3): 198-9.
- Herrera AM, deShazo RD. Sinusitis. Its association with asthma. *Postgraduate Medicine* 1990 Apr; 87(5): 153-6, 161, 164.
- Herrick CA, Smith JE. Ethical dilemmas and AIDS: nursing issues regarding rights and obligations. *Nursing Forum* 1989; 24(3-4): 35-46.
- Hester RB, Rohrer SD, Liu PI, Coggin JH Jr. Differential expression of class I major histocompatibility complex determinants by lymphoblastic leukemia-lymphoma cell lines. *Journal of the National Cancer Institute* 1990 Jul 18; 82(14): 1209-14.
- Hupp SL, Williams JP, Curran JE. Computerized tomography in the diagnosis of the congenital fibrosis syndrome. *Journal of Clinical Neuro-Ophthalmology* 1990 Jun; 10(2): 135-9.
- Jones R, Schoultz T. Teaching pathology in the 21st century: Assessment of required student use of interactive videodiscs designed to teach basic pathology. *Human Pathology* 1990 Jan; 21(1): 6-10.
- Kaplan RS, Oliveira DL, Wilson GL. Streptozotocin-induced alterations in the levels of functional mitochondrial anion transport proteins. *Archives of Biochemistry and Biophysics* 1990 Jul; 280(1): 181-91.
- Labbe EE, Ward CH. Electromyographic biofeedback with mental imagery and home practice in the treatment of children with muscle-contraction headache. *Journal of Developmental and Behavioral Pediatrics* 1990 Apr; 11(2): 65-8.
- Lausch RN, Yeung KC, Miller JZ, Oakes JE. Nucleotide sequences responsible for the inability of a herpes simplex virus type 2 strain to grow in human lymphocytes are identical to those responsible for its inability to grow in mouse tissues following ocular infection. *Virology* 1990 Jun; 176(2): 319-28.
- Lee VH, Fields PA. Rabbit endometrial relaxin: immunohistochemical localization during preimplantation, pregnancy, and lactation. *Biology of Reproduction* 1990 Apr; 42(4): 737-45.
- Lorino CO, Prough SG, Aksel S, Abuzeid M, Alexander SE, Wiebe RH. Pain relief in hysterosalpingography. A comparison of analgesics. *Journal of Reproductive Medicine* 1990 May; 35(5): 533-6.



- Marco LA, Pendleton R, Reed TF, Brigham TE, Aldes LD, Chronister RB. Ketamine-induced tongue protrusions in rats. *Comparative Biochemistry and Physiology C: Comparative Pharmacology* 1989; 94(1): 29-33.
- Matsuki T, Shirato C, Cohen MV, Downey JM. Oxypurinol limits myocardial infarct size in closed chest dogs without pretreatment. *Canadian Journal of Cardiology* 1990 Apr; 6(3): 123-9.
- Moore RB, Bamberg AD, Wilson LC, Jenkins LD, Mankad VN. Ascorbate protects against tert-butyl hydroperoxide inhibition of erythrocyte membrane  $\text{Ca}^{2+}$   $\text{Mg}^{2+}$ -ATPase. *Archives of Biochemistry and Biophysics* 1990 May 1; 278(2): 416-24.
- Mortillaro NA, Taylor AE. Microvascular permeability to endogenous plasma proteins in the jejunum. *American Journal of Physiology* 1990 Jun; 258(6 Pt 2): H1650-4.
- Peevy KJ, Hernandez LA, Moise AA, Parker JC. Barotrauma and microvascular injury in lungs of nonadult rabbits: effect of ventilation pattern. *Critical Care Medicine* 1990 Jun; 18(6): 634-7.
- Scammell JG, Rosa P, Hille A, Huttner WB. Regulation of chromogranin B/secretogranin I and secretogranin II storage in GH4C1 cells. *Journal of Histochemistry and Cytochemistry* 1990 Jul; 949-56.
- Shibamoto T, Partker JC, Taylor AE, Townsley MI. Derecruitment of filtration surface area in paraquat-injured isolated dog lungs. *Journal of Applied Physiology* 1990 Apr; 68(4): 1581-9.
- Shibamoto T, Taylor AE, Parker JC. PO<sub>2</sub> modulation of paraquat-induced microvascular injury in isolated dog lungs. *Journal of Applied Physiology* 1990 May; 68(5): 2119-27.
- Sindel LJ, Dishuck JF, Baliga BS, Mankad VN. Micronutrient deficiency and neutrophil function in sickle-cell disease. *Annals of the New York Academy of Sciences* 1990; 587: 70-7.
- Su YH, Oakes JE, Lausch RN. Ocular avirulence of a herpes simplex virus type 1 strain is associated with heightened sensitivity to alpha/beta interferon. *Journal of Virology* 1990 May; 64(5): 2187-92.
- Thompson DJ, Porter KB, Gunnells DJ, Wagner PC, Spinnato JA. Prophylactic insulin in the management of gestational diabetes. *Obstetrics and Gynecology* 1990 Jun; 75(6): 960-4.
- Van Winkle DM, Matsuki T, Gad NM, Jordan MC, Downey JM. Left ventricular unloading during reperfusion does not limit myocardial infarct size. *Circulation* 1990 Apr; 81(4): 1374-9.
- Wertelecki W, Superneau DW, Forehand LW, Hoff CJ. Angiomas and von Recklinghausen neurofibromatosis. *Neurofibromatosis* 1988; 1(3): 137-45.

#### BIOFEEDBACK

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