

University of South Alabama

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Biofeedback Newsletter

Charles M. Baugh Biomedical Library

Fall 1989

Biofeedback - Fall 1989

Biomedical Library Staff

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WELCOME



Another September is upon us, signaling the beginning of the new academic year! The Biomedical Library staff welcomes all new students and faculty and wishes them well in their endeavors. Elsewhere in this newsletter you will find listed our hours of service as well as the types of services available. Call on us — we are here just to serve your literature needs. Welcome!

THE BIOMEDICAL LIBRARY — 1988-1989

The Biomedical Library has seen a number of changes in the past year. The most used new service has been Core Medline on compact disc, located at the Medical Center Branch. Core Medline is a subset (575 journals) of Medline (3000 journals) on a compact disc, covering a three year period. The journals in the Core are mainly clinical in nature. Updates are provided quarterly. There are three levels of searching in Core Medline: beginning, advanced and expert. We recommend that even beginning searchers use the advanced level because it allows for more input.

The Cumulative Index to Nursing and Allied Health Literature, became available on compact disc. The Nursing & Allied Health (CINAHL)-CD provides access to virtually all English language nursing journals, publications of the American Nurses' Association, the National League for Nursing, and primary journals in more than a dozen allied health disciplines. It also includes selected articles from approximately 3,200 biomedical journals indexed in Index Medicus; from approximately 20 journals in the field of health sciences librarianship; and from educational, behavioral sciences, management and popular literature. Nursing & Allied Health (CINAHL)-CD covers 1983 to the present, with bimonthly updates. CINAHL-CD is at both the campus and Medical Center locations.

Besides Core Medline and CINAHL, other computer based services provided this year include a copy of the new edition of Grateful Med. Version 4.0 is mounted on the computers at the Medical Center Branch and the Campus Biomedical Library. Since this product is not copyrighted, anyone may make a copy free of charge. We also have a copy of the manual. A new tutorial, entitled How To . . . , is also mounted on the computers. This is available for use in the Libraries as well as available for copying.

The Biomedical Library received a telefacsimile machine from a grant from the Network of Alabama Academic Libraries. The telefax machine is used to enhance rush interlibrary loans.

THE BIOMEDICAL LIBRARY 1989-1990

In the coming year, the Biomedical Library will be providing a number of new services. This will include an automated circulation system, which is expected to begin operation in November of 1989. Although details are still pending, it is expected that users will be issued a library card with a bar code number. All circulating library materials will also have bar code numbers. Check out will involve "reading" the bar codes with a beam of light and having the book and patron information automatically registered into a computer. This should make check out faster and more efficient, as well as simplifying internal check out files. The availability of a book will appear on the LUIS terminals.

LIBRARY SERVICE NUMBERS

General Information, Reference, and Circulation:	
Campus	460-7043
UMC	471-7855
Administration:	
Robert M. Donnell	460-7043
Reference Services	
Geneva Bush	460-7043
Barbara Shearer (UMC)	471-7855
Virginia Vail (UMC)	471-7855
Circulation	Campus 460-7043
	UMC 471-7855
Copy Cards	
Library Secretary	460-6885
Interlibrary Loans	460-6891
Acquisitions (Books & Journals)	
Patricia Rodgers	460-6888
Cataloging	
Sister Mary Peresich	460-6894
Serials	460-6894

REGULAR HOURS

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

The Medical Center Branch is open all hours to anyone with a valid USA identification card. A guard will allow patrons into the library.

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



LIBRARY SERVICES OFFERED

Reference:

The Reference staff will help patrons locate information in the library. Online reference services include all health sciences databases as well as various other databases. Departmental accounts may be set up. Contact Reference personnel.

Databases:

Reference staff can perform online searches in all health science data bases, as well as other databases. A subset of Medline on a compact disk is available at the Medical Center branch of the Library. The Cumulative Index to Nursing and Allied Health Literature (CINAHL) is also available on compact disc. Reference staff are available to help with the Grateful Med software package.

Instruction/orientation:

Reference librarians are available to provide instruction in library use as well as in such specific areas as database searching, compact discs and LUIS. Librarians will provide these services to groups as well as to individuals. Contact Reference personnel.

Circulation:

Circulation privileges are extended to USA patrons. Books circulate according to patron status. Journals circulate for 3 days. Nursing journals do not circulate. Contact Circulation staff for further information.

Copying:

Copy machines are available at both locations. Prevalued copy cards are available for purchase. Contact Library secretary.

Inhouse Loans:

The Biomedical Library and the Medical Center Library will provide users of the other location with articles and books housed in their collections through a courier system. Contact Circulation staff.

Interlibrary Loans:

The Library will obtain books and/or articles not located in USA Libraries. Request forms can be found in both libraries. A telefacsimile machine is available for rush requests. For further information, contact either Circulation or Reference personnel.

HOW DID THE BIOMEDICAL LIBRARY COMPARE TO OTHER AAMC MEDICAL SCHOOL LIBRARIES, 1987-88?

From time to time we must stop and assess our growth. The chart below is an attempt to gain a brief overview of our progress in selected areas.

RANKING AMONG SCHOOLS

INFORMATION	CONSORTIUM* (out of 15)	AAHSLD** (out of 50)	ALL*** (out of 147)
Paid serial subscriptions	4	19	57
Items borrowed on ILL	4	23	58
Acquisition expenditure	11	44	109
INFORMATION ACCESS			
MEDLINE searches	7	16	47
OTHER			
Total expenditures	12	34	89
Total primary clients	9	35	97
Size in square feet	15	47	105

*The fifteen member Consortium of Southern Biomedical Libraries includes the University of Alabama at Birmingham, University of South Alabama, University of Florida, University of South Florida, University of Miami, Medical College of Georgia, Emory University, Mercer University, University of Mississippi, Medical University of South Carolina, University of South Carolina, East Tennessee State University, Meharry Medical College, University of Tennessee, Vanderbilt University.

**This category compares schools based upon number of academic programs, the school's level of institutional, federal-research funding, total academic health sciences clients and total recurring expenditures. As the third of four groups, this "Category 3" consists of 50 schools.

***The 147 AAMC-accredited medical schools are in this category.

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The Biomedical Library Biofeedback, a publication of the University of South Alabama, is published at irregular intervals. Editor: Virginia Vail. Co-editor: Geneva Bush. Contributions to this issue were made by Robert Donnell. Comments should be addressed to : Virginia Vail, Biomedical Library, University of South Alabama, Mobile, AL 36688

FACULTY PUBLICATIONS

Listed below are journal publications by USA Faculty indexed in Medline for the period July through August 1989. This list is generated from the address of the first listed author. If we missed your latest contribution to the literature, please let us know so we can include it in a future listing.

- Allison RC, Rippe B, Prasad VR, Parker JC, and Taylor AE. Pulmonary vascular permeability and resistance measurements in control and ANTU-injured dog lungs. *American Journal of Physiology* 256:H1711-H1718, 1989.
- Almeida OD Jr, and Spinnato JA. Maternal Bartter's syndrome and pregnancy. *American Journal of Obstetrics and Gynecology* 160:1225-1226, 1989.
- Artman M, Kithas PA, Wike JS, Crump DB, and Strada SJ. Inotropic responses to cyclic nucleotide phosphodiesterase inhibitors in immature and adult rabbit myocardium. *Journal of Cardiovascular Pharmacology* 13:146-154, 1989.
- Bailey SW, Dillard SB, Thomas KB, and Ayling JE. Changes in the cofactor binding domain of bovine striatal tyrosine hydroxylase at physiological pH upon cAMP-dependent phosphorylation mapped with tetrahydrobiopterin analogues. *Biochemistry* 28:494-504, 1989.
- Bass JB Jr. The face of TB changes again. *Hospital Practice* 24:81-85, 1989.
- Brinson RR, and Pitts WM. Enteral nutrition in the critically ill patient: role of hypoalbuminemia. *Critical Care Medicine* 17:367-370, 1989.
- Casteel CP, Mortillaro NA, and Taylor AE. Teaching effectiveness analysis plan applied to lectures in medical physiology. *American Journal of Physiology* 256:S3-S8, 1989.
- Christie-Pope BC, and Palmer GC. Modulation of ischemic-induced damage to cerebral adenylate cyclase in gerbils by calcium channel blockers. *Metabolic Brain Disease* 1:249-261, 1986.
- Ferrara JJ, Peterson RD, Hester R, Luterman A, and Curreri PW. Inhibition of lymphocyte blastogenesis caused by suppression of interleukin-2 receptor sites after thermal injury. *Journal of Burn Care and Rehabilitation* 10:119-124, 1989.
- Galanos AN, Gardner WA Jr, and Riddick L. Forensic autopsy in the elderly. *Southern Medical Journal* 82:462-466, 1989.
- Gaubatz JW. Postlabeling analysis of indigenous aromatic DNA adducts in mouse myocardium during aging. *Archives of Gerontology and Geriatrics* 8:47-54, 1989.
- Gray DS, and Cabaniss ML. Home total parenteral nutrition in a pregnant diabetic after jejunoileal bypass for obesity. *JPEN. Journal of Parenteral and Enteral Nutrition* 13:214-217, 1989.
- Gussack GS, Schlitt M. and Hurley D. Craniofacial approach for the neonatal management of frontonasal encephaloceles. *International Journal of Pediatric Otorhinolaryngology* 16:225-235, 1988.
- Halla JT, Bliznak J, and Hardin JG. Involvement of the craniocervical junction in Reiter's syndrome. *Journal of Rheumatology* 15:1722-1725, 1988.
- Hardin JG Jr. Rheumatoid arthritis therapy: the slow-acting agents. *Hospital Practice* 24:163-168 +, 1989.
- Harpen MD. Analysis of capacitive coupling and associated loss for a solenoidal magnetic resonance imaging radio-frequency coil. *Medical Physics* 16:234-238, 1989.
- Hupp LS, Kline LB, and Corbett JJ. Visual disturbances of migraine. *Survey of Ophthalmology* 33:221-236, 1989.
- Lecklitner ML, Johnson DR, and Hughes JJ. Gallium-67 and pulmonary complications of amiodarone. *Clinical Nuclear Medicine* 13:826-828, 1988.
- Lincoln TM. Cyclic GMP and mechanisms of vasodilation. *Pharmacology and Therapeutics* 41:479-502, 1989.
- Lum GB, Williams JP, Dyken PR, Machen BC, Dotson PM, Harpen MD, and McLeod N. Magnetic resonance and CT imaging correlated with clinical status in SSPE. *Pediatric Neurology* 2:75-79, 1986.
- Mankad VN, Yang YM, Williams JP, and Brogdon BG. Magnetic resonance imaging of bone marrow in sickle cell patients. *American Journal of Pediatric Hematology/Oncology* 10:344-347, 1988.
- Marco LA, Joshi RS, Brown C, Aldes LD, and Chronister RB. Effects of cholinergic and anticholinergic drugs on ketamine-induced linguopharyngeal motor activity. *Psychopharmacology* 96:484-486, 1988.
- Matsuki T, Cohen MV, Holt G, Ayling J, Hearse DJ, and Downey JM. Chronic whole body sympathectomy fails to protect ischemic rabbit hearts. *American Journal of Physiology* 256:H1322-H1327, 1989.
- McCord JM. Free radicals and heart disease. *Bibliotheca Nutritio et Dieta* (43):327-337, 1989.
- McCord JM, and Russell WJ. Inactivation of creatine phosphokinase by superoxide during reperfusion injury. *Basic Life Sciences* 49:869-873, 1988.
- Miura T and Downey JM. Critical collateral bloodflow level for salvage of ischemic myocardium. *Canadian Journal of Cardiology* 5:201-205, 1989.
- Nair MG, Murthy BR, Patil SD, Kisliuk RL, Thorndike J, Gaumont Y, Ferone R, Duch DS, and Edelstein MP. Folate analogues. 31. Synthesis of the reduced derivatives of 11-deazahomofolic acid, 10-methyl-11-deazahomofolic acid, and their evaluation as inhibitors of glycylamide ribonucleotide formyltransferase. *Journal of Medicinal Chemistry* 32:1277-1283, 1989.

- Nelson DB, Dearmon V, and Nelson MD. Spontaneous rupture of the liver during pregnancy: a case report. *Journal of Obstetric, Gynecologic, and Neonatal Nursing* 18:106-113, 1989.
- Parker JC, Townsley MI, and Cartledge JT. Lung edema increases transvascular filtration rate but not filtration coefficient. *Journal of Applied Physiology* 66:1553-1560, 1989.
- Patil SD, Jones C, Nair MG, Galivan J, Maley F, Kisliuk RL, Gaumont Y, Duch D, and Ferone R. Folate analogues. 32. Synthesis and biological evaluation of 2-desamino-2-methyl-N10-propargyl-5,8-dideazafoolic acid and related compounds. *Journal of Medicinal Chemistry* 32:1284-1289, 1989.
- Ramenofsky ML. Emergency medical services for children and pediatric trauma system components. *Journal of Pediatric Surgery* 24:153-155, 1989.
- Riddick L, Brissie RM, Embry JH, Cumberland GD, Gilchrist TF, Glass JM, and Rabren CL. Homicide in Alabama: an analysis of urban, suburban and rural murders in the Deep South. *Forensic Science International* 40:105-122, 1989.
- Riddick L, Mussell PG, and Cumberland GD. The mirror's use in suicide. *American Journal of Forensic Medicine and Pathology* 10:14-16, 1989.
- Schlitt M, and Quindlen EA. Osteoplastic pterional craniotomy. *Southern Medical Journal* 82:592-595, 1989.
- Schlitt M, Williams JP, Bastian FO, and Smith S. The small midline occipital encephalomeningocele: definition of a syndrome. *Neurosurgery* 24:613-616, 1989.
- Scimeca JM, Culberson DE, Abee CR, and Gardner WA Jr. Intestinal trichomonads (*Trichomonas mobilensis*) in the natural host *Saimiri sciureus* and *Saimiri boliviensis*. *Veterinary Pathology* 26:144-147, 1989.
- Stroo WE, and Schaffer SW. Furazolidone-enhanced production of free radicals by avian cardiac and hepatic microsomal membranes. *Toxicology and Applied Pharmacology* 98:81-86, 1989.
- Turco J, and Winkler HH. Isolation of *Rickettsia prowazekii* with reduced sensitivity to gamma interferon. *Infection and Immunity* 57:1765-1772, 1989.
- Turens JF. The role of succinate in the respiratory chain of *Trypanosoma brucei* procyclic trypomastigotes. *Biochemical Journal* 259:363-368, 1989.
- Turens JF, Giulivi C, Pinus C, Roldan E, Lavagno C, and Boveris A. Low level chemiluminescence from isolated rat hepatocytes, intact lung and intestine in situ. *Basic Life Sciences* 49:239-242, 1988.
- Vitulli WF, Tyler KE, Hartzog N, and Quinn JM. Insulin, exercise, and dietary effects upon behavioral thermoregulation in albino rats. *Perceptual and Motor Skills* 68:579-590, 1989.
- Yeoman RR, and Jenkins AJ. Arcuate area of the female rat maintained in vitro exhibits increased afternoon electrical activity. *Neuroendocrinology* 49:144-149, 1989.

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University of South Alabama
Mobile, AL 36688