

University of South Alabama

JagWorks@USA

Biofeedback Newsletter

Charles M. Baugh Biomedical Library

Winter 1991

Biofeedback - Winter 1991

Biomedical Library Staff

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BIOMEDICAL LIBRARY SETS NEW HOURS

Beginning Winter Quarter, the Campus location of the Biomedical Library will increase hours by 30%. The survey conducted by the Biomedical Library Advisory Committee in 1990 revealed that Biomedical Library clients wanted extended hours at the Campus location. Therefore, additional staff has been hired and trained. Sally Murray will staff the Campus Biomedical Library during nights and weekends. The new hours are listed below. Extended hours is the first in a series of service improvements planned for the future that will make the Biomedical Library more responsive to the needs of its users.

LIBRARY SERVICE NUMBERS

General Information: Campus 460-7043
UMC 471-7855

Administration:
Spencer Marsh 460-8886
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 460-8885
Interlibrary Loans 460-8891
Acquisitions (Books & Journals) 460-8888
Patricia Rodgers 460-8888
Cataloging
Sister Mary Peresich 460-8894
Serials 460-8889

REGULAR HOURS

Biomedical Library (3rd floor Main Library Building, Campus)

Monday - Thursday 7:45am - midnight
Friday 7:45am - 8pm
Saturday 9am - 8pm
Sunday 1pm - midnight

Medical Center Branch (1st floor Mastin Building)

Monday - Thursday 7am - 10pm
Friday 7am - 5pm
Saturday 9am - 8pm
Sunday 2pm - 10pm

The Medical Center Location 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.

GRATEFUL MED AND SILVERPLATTER WORKSHOP

A member of the Biomedical Library Faculty will be happy to provide any department with a workshop on MEDLINE searching. A librarian will come to your department to instruct and answer questions about MEDLINE on CD-ROM (SilverPlatter) and searching with Grateful Med. Workshops, which last about an hour, include an introduction to the MEDLINE/SilverPlatter service (available at both locations of the Biomedical Library,) and an introduction to the use of Grateful Med to search the MEDLINE database. Topics will include MeSH (Medical Subject Headings), tutorial information on SilverPlatter and Grateful Med programs, major functions of SilverPlatter and Grateful Med, password information on Grateful Med, and services available to users of the Biomedical Library. Please call Barbara Shearer at the Medical Center Library (471-7855) with questions or to set up a time that is convenient. Equipment for a microcomputer demonstration would be helpful but is not required.

KUDOS FOR BIOMEDICAL LIBRARY STAFF

In the past few months, clients have praised two members of the Biomedical Library staff for especially fine service. Mercedes Tyus, Campus Circulation Department, received a compliment in the suggestion box, and at the Medical Center Location another client gave Loretta Johnson a card and gift for extra help. We are proud of these and other staff members who are eager to provide excellent service to our clients.

SELECTIVE DISSEMINATION OF INFORMATION (SDI'S) AVAILABLE FROM BIOMEDICAL LIBRARY

Keeping current on a topic of interest is a challenging task. To assist in this, the Biomedical Library can, on a monthly basis, retrieve citations that have been added to a particular database during the past month on a certain topic. If the citations from the SDI's are downloaded to a floppy disk, they can be added to a personal reprint management file (if within the copyright policy of the database producer.) Call Geneva Bush, 460-7043, for further information on this service.

REPRINT MANAGEMENT PROGRAMS

Once a researcher has gathered article reprints over a period of time, he/she is then faced with the problem of organizing the articles so they may be located in the future. Manual filing is somewhat sufficient, but computer software programs have been developed that make this task much easier. Most of these programs allow importing of references that have been downloaded from a computer search (either online or CD-ROM). Most also provide the flexibility of printing a bibliography according to a specific journal's format. Article citations can be searched by subject heading, author, title word, journal title, etc. The Medical Center Library has demonstration programs for Pro-Cite, Reference Manager, and Papyrus for the IBM and EndNote for the Macintosh. In addition, USA has recently obtained a site license for Reference Manager. For the next year, anyone with a USA affiliation can purchase a copy of this program for 60% off. For further information, call a Reference Librarian.

JOURNAL PRICES

The Biomedical Library continues to be faced with increasing costs for journal subscriptions. 94% of the materials budget last year was spent on journals. Below is a list of the twenty most expensive journals included on our subscription list. These twenty journals, at a total cost of \$44,593, are only 1% of the total journal titles, but account for 14% of the journal budget (\$320,000). A recent publication from the Faxon Co., a subscription vendor, estimated that journals published outside the United States could see a total increase of 14-23% (including subscription rate, currency valuation, and postage.) Journals published in the United States are expected to rise 12-14%. A journal use study will be conducted by the Biomedical Library in the future and data from this study along with cost data and other considerations will be used to determine which subscriptions we need to continue.

Twenty Most Expensive Journals (1990 prices)

	TITLE	COST	PUBLISHER	FREQUENCY
1.	Brain Research	\$5228.00	Elsevier	87 in 1990
2.	Biochimica et Biophysica Acta	\$4382.00	Elsevier	117 in 1990
3.	Journal of Comparative Neurology	\$3590.00	Alan R. Liss	weekly
4.	Journal of Chromatography	\$3564.00	Elsevier	62 in 1990
5.	Mutation Research	\$2477.00	Elsevier	54 in 1990
6.	European Journal of Pharmacology	\$2183.00	Elsevier	semimonthly
7.	Cell and Tissue Research	\$2113.00	Springer	monthly
8.	Experimental Brain Research	\$1963.00	Springer	monthly
9.	FEBS Letters	\$1915.00	Elsevier	semimonthly
10.	Gene	\$1888.00	Elsevier	monthly
11.	Biochemical Pharmacology	\$1745.00	Pergamon	semimonthly
12.	Neuroscience Letters	\$1703.00	Elsevier	semimonthly
13.	European Journal of Biochemistry	\$1655.00	Springer	semimonthly
14.	Neuroscience	\$1580.00	Pergamon	monthly
15.	Psychopharmacology	\$1572.00	Springer	monthly
16.	Journal of Molecular Biology	\$1464.00	Academic	24 in 1990
17.	Biochemical Journal	\$1425.00	Biochemical Society	semimonthly
18.	Journal of Immunological Methods	\$1403.00	Elsevier	biweekly
19.	Life Sciences	\$1385.00	Pergamon	monthly
20.	Human Genetics	\$1358.00	Springer	12 in 1990

BIOFEEDBACK, New Series, Issue #10 Winter 1991

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: Judy Burnham, Sister Mary Giles Peresich, Pat Rodgers and Barbara Shearer. Comments should be addressed to: Judy Burnham, Biomedical Library, University of South Alabama, Mobile, AL 36688.

BIOMEDICAL LIBRARY FACULTY WORK WITH ALLIED HEALTH RESEARCH CLASS

Two members of the Biomedical Library Faculty served on a team of instructors for the combined research class in the departments of Medical Technology, Physical Therapy, and Respiratory Care and Cardiopulmonary Sciences in the College of Allied Health Professions. In addition to presenting a library component to the research methodology course, Barbara Shearer and Judy Burnham are also working with one of the student groups to complete a research project on the literature of the field. Biomedical Library Faculty would be glad to work with other departments on similar projects.

INDEX TO MEDICAL DOCUMENTS

Medoc; A Computerized Index to U.S. Government Documents in the Medical and Health Sciences is available at the campus location of the Biomedical Library. This index can be used to locate government publications on health related topics. Many of the documents listed in this index can be found in the Government Documents Department of the University Library.

ALPHABETIZING JOURNAL TITLES

One difficulty clients often face in the library is locating journals. Although it may be understood that the journals are shelved alphabetically, it may be helpful to understand a few basic rules that the Biomedical Library follows. Journals are shelved according to a strict alphabetical arrangement, however, words such as "a", "an", "of", and "the" are ignored when they are the first word in a title (i.e., The Journal of Clinical Microbiology), but they are included when they are embedded in the title (i.e., Journal of the American Medical Association.) Also, journals are shelved according to their current titles, i.e., British Medical Journal is shelved by that title prior to July 1988, and is shelved according to the new title, BMJ after July 1988. LUIS provides information on title changes. If you have trouble locating a journal, please see a member of the Biomedical Library Faculty or staff for assistance.

FORMER LIBRARY DIRECTOR HONORED

Robert M. Donnell, former Director of the Biomedical Library, was honored recently by the Alabama Health Libraries Association. An award was given in recognition of Mr. Donnell's support of AIHeLA, both personally and through his encouragement of the contributions made by members of the Biomedical Library Faculty. The award was presented to Mr. Donnell during the annual meeting of the Association, which took place at Gulf Shores in November. The Biomedical Library Faculty hosted the meeting.

SELECTED RECENT ACQUISITIONS

*Denotes items housed at the Medical Center location of the Biomedical Library.

QH Science

*Hansel W, ed. Genetic engineering of animals.

QH 442 S989 1989

QZ Pathology

Percy C, ed. ICD-O. 2nd ed.

QZ 15 W9251 1990

Unconventional cancer treatments.

QZ 200 U582u 1990

WA Public Health

Equipment for vector control. 3rd ed.

WA 240 E64 1990

Health care in rural America.

WA 390 U58 1990

Global estimates for health situation assessment and projections 1990.

WA 540.1 G562 1990

WB Practice of Medicine

Porter R, ed. The Medical history of waters and spas.

WB 520 M489 1990

WD 300 Diseases of Allergy

Fransen VE, ed. Proceedings: AIDS Prevention and Services Workshop.

WD 308 A2888 1990

*Sisk JE The Effectiveness of drug abuse treatment.

WD 308 S622 1990

WH Hemic and Lymphatic Systems

*Hollan SR, ed. Management of blood transfusion services.

WH 460 M266 1990

WW Ophthalmology

*Management of cataract in primary health care services.

WW 260 M266 1990

FACULTY PUBLICATIONS

Listed below are journal publications by USA Faculty indexed in Index Medicus for the period October through December 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.

Aldes LD, Shaw B, Chronister RB, Haycock JW. Catecholamine-containing axon terminals in the hypoglossal nucleus of the rat: an immuno-electronmicroscopic study. *Experimental Brain Research* 1990; 81(1): 167-78.

Cooner WH. Reducing rectal injury from sonographically-guided transrectal needle biopsy of prostate. The "rule of finger". *Urology* 1990 Aug; 36(2): 191-2.

deShazo RD, Butcher BT, Banks WA. Reactions to the stings of the imported fire ant. *New England Journal of Medicine* 1990 Aug 16; 323(7): 462-6.

Ferrara JJ, Dyess DL, Luterman A, Curreri PW. Transportation of immunosuppressive substances produced at the site of burn injury into the systemic circulation: the role of lymphatics. *Journal of Burn Care and Rehabilitation* 1990 Jul-Aug; 11(4): 281- 6.

- Ferrara JJ, Dyess DL, Luteran A, Peterson RD, Curreri PW. In vitro effects of complement inactivation upon burn-associated cell-mediated immunosuppression. *American Surgeon* 1990 Sep; 56(9): 571-4.
- Foster JW, Park YK, Penfound T, Fenger T, Spector MP. Regulation of NAD metabolism in *Salmonella typhimurium*: molecular sequence analysis of the bifunctional nadR regulator and the nadA-pnuC operon. *Journal of Bacteriology* 1990 Aug; 172(8): 4187-96.
- Harpen MD. Magnetically induced surface charges on samples in magnetic resonance imaging radio-frequency coils: effect on electric fields, sample losses, and coil resonance. *Medical Physics* 1990 May-Jun; 17(3): 362-8.
- Haynes J Jr, Selbert A, Bass JB, Taylor AE. U74500A inhibition of oxidant-mediated lung injury. *American Journal of Physiology* 1990 Jul; 259(1 Pt 2): H144-8.
- Kaplan RS, Mayor JA, Johnston N, Oliveira DL. Purification and characterization of the reconstitutively active tricarboxylate transporter from rat liver mitochondria. *Journal of Biological Chemistry* 1990 Aug 5; 265(22): 13379-85.
- Lausch RN, Staats H, Metcalf JF, Oakes JE. Effective antibody therapy in herpes simplex virus ocular infection. Characterization of recipient immune response. *Intervirology* 1990; 31(2-4): 159-65.
- LeDoux SP, Patton NJ, Nelson JW, Bohr WA, Wilson GL. Preferential DNA repair of alkali-labile sites within the active insulin gene. *Journal of Biological Chemistry* 1990 Sep 5; 265(25): 14875-80.
- Marks GL, Wood DO. Screening the *Rickettsia prowazekii* genome for rpoD homologs. *Annals of the New York Academy of Sciences* 1990; 590: 478-82.
- Parker JC, Hernandez LA, Longenecker GL, Peevy K, Johnson W. Lung edema caused by high peak inspiratory pressures in dogs. Role of increased microvascular filtration pressure and permeability. *American Review of Respiratory Diseases* 1990 Aug; 142(2): 321-8.
- Plano GV, Wood DO, Winkler HH. *Rickettsia prowazekii* and ATP/ADP translocase. Analysis of gene fusions encoding beta-galactosidase-ATP/ADP translocase fusion proteins. *Annals of the New York Academy of Sciences* 1990; 590: 397-407.
- Prat AG, Turrens JF. Ascorbate- and hemoglobin-dependent brain chemiluminescence. *Free Radical Biology and Medicine* 1990; 8(4): 319-25.
- Scammell JG, Wear LB, Von Haven R. A monoclonal antibody which inhibits the biological activity of rat prolactin, but not prolactin from other species. *Molecular and Cellular Endocrinology* 1990 Jun 18; 71(2): 125-31.
- Smith DL, Bahna SL, Gillis TP, Clements BH. Atopy and IgE in patients with leprosy. *Journal of Allergy and Clinical Immunology* 1990 Apr; 85(4): 795-800.
- Speed RR, Winkler HH. *Rickettsia prowazekii* and thymidylate metabolism. Growth in thymidylate synthase-deficient eukaryotic host cells. *Annals of the New York Academy of Sciences* 1990; 590: 408-15.
- Turco J, Winkler HH. Interferon-alpha/beta and *Rickettsia prowazekii*: induction and sensitivity. *Annals of the New York Academy of Sciences* 1990; 590: 168-86.
- Turco J, Winkler HH. Selection of alpha/beta interferon- and gamma interferon-resistant rickettsiae by passage of *Rickettsia prowazekii* in L929 cells. *Infection and Immunity* 1990 Oct; 58(10): 3279-85.
- Wilson GL, Leiter EH. Streptozotocin interactions with pancreatic beta cells and the induction of insulin-dependent diabetes. *Current Topics in Microbiology and Immunology* 1990; 158: 27-54.
- Yang YM, Wheeler VR, Mankad VN. Pulmonary lipid nodules after intralipid infusion in a child with rhabdomyosarcoma and *Staphylococcus epidermidis* sepsis. *American Journal Pediatric Hematology/Oncology* 1990 Summer; 12(2): 231-6.

BIOFEEDBACK
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