Fall 2008

Biofeedback - Fall 2008

Biomedical Library Staff

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Director's Notes

Building a Better Biomedical Library

"Things, they are a changin" in the Biomedical Library as we strive to better serve our users!

We expect our new neighbors in the Health Sciences Building to move in sometime in 2009. In anticipation of that, we are in the process of building two additional group study rooms and eight individual study rooms on the second floor of the Baugh Library. We are grateful to the Colleges of Allied Health Professions and Nursing for funding this project.

We are also in the process of converting the old multimedia lab into a Study/Conference room that will be available for study as well as for webinar viewings and conferences. This room will contain furniture that can be used in a variety of configurations.

The new Health Information Resource Center (formerly the Medical Center Library) will open on the third floor of the USA Medical Center sometime during the fall. In addition to professional resources, this facility will also serve the patients of the USAMC in meeting their information needs.

The web page is getting a new look and we have re-organized it to make the information more "findable." It will include portals for our major user groups. We are also revising the Biomedical Library blog, so our users can keep up with what's new in the Biomedical Library.

Serials Solutions, a new journal management system is being installed that will be your one source for journals for which the Biomedical Library and the University Library provide access, both print and electronic.

We hope your research retrieval will be uninterrupted as we make these changes; but if you have any concerns, please let me know.

Judy Burnham
Director
Robert Britton
Hired
as the library's new
Electronic Resources Librarian

Robert Britton has joined the staff of the Biomedical Library as the new Electronic Resources/Collection Development Librarian as of July, 2008. He is a May, 2008, graduate of the School of Library and Information Studies at the University of Alabama and also holds a BA in Asian Studies from Alabama. In addition, Robert has extensive coursework in Mandarin Chinese at Feng Chia University of Taichung, Taiwan.

Working in the Collection Management Department, Robert will be managing the electronic resources in the Biomedical Library and will coordinate acquisition and collection development of print and electronic resources. He will also participate in reference services and act as library liaison to the College of Medicine's Biochemistry, Molecular Biology, and Radiology and to the Biomedical Sciences in the College of Allied Health.

State-wide Funding Greatly Impacts Library Resource Budgets

The Biomedical Library participates in a consortia arrangement with other libraries in the Network of Alabama Academic Libraries (NAAL) for purchase of several electronic resources, including Science Direct. In the agreement, the Biomedical Library subscribes to 188 Elsevier titles in the Science Direct collection (about $350,000 with University Library paying an additional $90,000 for their subscriptions.) With an additional content fee (about $65,000 for Biomedical Library), we are able to access 1958 titles via Science Direct. Elsevier has made a proposal to the members of NAAL to continue this arrangement; however, educational funding state-wide greatly impacts library resource budgets. Biomedical Library expenditure for the current collection over the next three years will reach $418,302 based on the proposed contract. If the consortia arrangement does not continue, the BL may be forced to retain access only to those titles for which we have a current subscription. Faculty will be updated on this as the negotiations progress, with a projected decision by the first part of October, 2008. Faculty with questions about this issue should contact Judy Burnham, 6-6886 or jburnham@jaguar1.usouthal.edu.
Med-Source,
http://www.med-source.blogspot.com/, is a blog developed for medical students, which claims to provide the student with the resources needed to save time, and help them get some sleep during med school. It contains a search box as well as an alphabetical listing of “tags” assigned to the blog postings. An RSS feed is also available.

The blog author is a medical student at the University of Pennsylvania and includes postings and links on topics such as pediatrics, cardiology, biochemistry, and SHELF practice questions.

In one post titled Amazing General Resources the author discusses the “must have” books / sites / programs that “WILL make your life easier” in med school, many of which you can find among the Biomedical Library’s resources.

-Judy Burnham

New Look for OLD Website

The Biomedical Library website is getting a new look and address.

Plans to implement the new Biomedical Library website are underway and a trial release is planned for the beginning of the fall semester. The new website will be located at www.biomedicallibrary.southalabama.edu and will run concurrently with the existing website throughout the Fall 2008 semester. The current website will be taken down during the winter holidays, and visits to the old address will be redirected to the new URL.

The planned website will have a crisp new look and streamlined navigation. We invite everyone to give his or her feedback when the site goes live by emailing medlib@bbl.usouthal.edu. You can also take a survey about the current website through a link on our homepage, http://southmed.usouthal.edu/library.

Andrea Wright
CP Onhand Available at Biomedical Library

Register for Clinical Pharmacology for your handheld by completing the following steps.
1. Contact the Biomedical Library at 460-7044 or medlib@bbl.usouthal.edu to get a CP Onhand Promo Code.
2. Go to www.clinicalpharmacology.com and click on the second icon, "Subscriber Now". Click the link on the left "Enter Promo Code."
3. Enter the 15-digit PROMOTIONAL CODE with hyphens, into the box. Press the "Submit" button. NOTE: Enter this code only ONCE! Do not select a GSM program; this has been done for you.
5. New user: Create your account by selecting "Click here to register". You will be redirected to New Account Set-up screen where you will setup your own personal account. Remember your username and password.
6. You no longer need the 15-digit promotional code once you have completed this section; throw it away. Move on to the section below.

HOW TO LOGIN TO CLINICAL PHARMACOLOGY ONLINE WEBSITE:
1. Go to www.clinicalpharmacology.com and click on the "Subscriber Login" icon.
2. Enter your Username and Password and click on the "Subscriber Login" button.

Clinical Pharmacology is currently working towards making the program compatible with Blackberries and iPhones.

-Trey Lemley

slideshare.net is a convenient way to share professional or educational PowerPoint presentations online. The site provides space to store presentations so you can access your presentations from anywhere. It will also allow you to view presentations created by others.

slideshare creates html code that allows you to easily embed a presentation on your own webpage or blog.

Many professionals use the service to quickly share slides after giving a presentation at a conference or for a class, so slideshare is a great place to get ideas or quick information on many different topics.

There are groups for and presentations about many types of health professions and issues.

The USA Biomedical Library has a profile located at http://www.slideshare.net/usabi where one can view presentations created by librarians on topics of interest to our patrons. To date, we have posted presentations on Evidence Based Medicine and Internet Resources for Clinicians and Evidence Based Medicine.

Visit the USA Biomedical Library's profile (http://www.slideshare.net/usabi) on slideshare to view presentations on Internet Resources for Clinicians and Evidence Based Medicine.

-Aranda Wright
The Biomedical Library has recently added *AccessEmergency Medicine* to our online collection of databases. *AccessEmergency Medicine* is a complete online service that allows users to quickly search for videos on the diagnosis and treatment of a broad range of emergency cases.

In *AccessEmergency Medicine*, physicians, residents and Emergency Department (ED) nurses will find answers in one click for a broad spectrum of complaints encountered in the ED, ranging from obstetrical emergencies to orthopedic emergencies to poisoning to trauma. *AccessEmergency Medicine* keeps pace with the immediacy of emergency medicine with a semantically driven search that brings users to the treatment information quicker, with links to deeper information on different presentations, diagnostic tests, procedures, and more. *AccessEmergency Medicine* allows quick look-ups of diagnosis and treatment information from the most trusted resources and a world-renowned advisory board.

The following information is also included in *AccessEmergency Medicine*:

**Procedures**

Complete coverage of procedures in the ED with all the information that health care professionals need to know—indications, contraindications, approaches, materials and complications.

**Quick Access to the Right Amount of Information**

- Trusted references in Emergency Medicine including Pediatrics, Orthopedics, and OB/GYN.

**Library of Images and Multimedia**

A library of images that includes common and uncommon clinical presentations and imaging studies of children and adults allows for quick diagnosis.

- Illustrative images for quick reference and instruction.
- Galleries of emergency clinical images reflecting the first, second and third most common presentations.
- Library of Procedures, updated monthly, with animations and procedural videos.

**Complete Drug Information Updated in Real-Time**

Fully integrated drug information throughout *AccessEmergency Medicine* including complete chemical structure and dosing information, adverse reactions, indications and contraindications as well as patient education in English and Spanish and full-color photos of all formulations.

**Specialized Search Capabilities**

Search for all topics related to ED diagnosis and treatment, exclusively search pediatric-related topics, or just search for images, video and audio.

-Jie Li
Faculty Publications

Listed below are journal publications by USA faculty indexed in MEDLINE, CAINHAL, and Web of Science for May through July, 2008. Department chairs are asked to submit citations of recent publications by their department members. If you 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 (broserius@biol.ucsd.edu).


Bikbo V, Barik S. Nasal delivery of siRNA. Methods Mol Biol 2008;442:75-82.


Dun T, Cohen MV, Downey JM. Redox signaling triggers protection during the reperfusion rather than the ischemic phase of preconditioning. Basic Res Cardiol 2008 Jun;103(4):378-84.


Olaitiwo MO, Reynolds S, White K, Anachebe N, Sanders D, Geary F. Association of obesity with a higher risk of operative delivery in pregnant adolescents at Grady Memorial Hospital. Obstet Gynecol 2008;111(4 Suppl):96S.


2008 MASA Participation

Doctors use BML laptops for information needs at the MASA Annual Meeting this past May in San Diego, Florida.

For the seventh year, USA Biomedical librarians hosted the Cyber Cafe at the Medical Association State of Alabama (MASA) Annual Meeting this past May. Once again, appreciative attendees used the laptops provided by the Biomedical Library to check their email, edit presentations, learn about new technologies, and to have access to the library's information resources.

Working with the 2008 MASA theme Defining Medicine's Scope of Practice, the USA Biomedical Library updated The Cyber Cafe homepage (http://southmed.usouthal.edu/library/mausasite/) with current information to support patient care needs and with updated links to free full-text online articles and books. PDA resources, and information about current technologies.

Librarian Justin Robertson, Assistant Director for Public Services, presented a technology symposium "Internet Resources for Clinicians" giving doctors a look at Internet tools for statistical information, search engines specific to locating medical information, and tools for promoting health literacy. Andrea Wright and Beverly Rossini staffed the Cyber Cafe, Robbie Runderson provided technical support.

The library's participation was made possible through a grant received from the National Network of Libraries of Medicine/Southeastern Atlantic Region to support this project. MASA also contributed funding to the effort.

Andrea Wright, Robbie Runderson, Beverly Rossini, and Justin Robertson.
The SCImago Journal & Country Rank, http://www.scimagojr.com, is a resource that includes the journals and country scientific indicators developed from the information contained in the Scopus® database. These indicators can be used to assess and analyze scientific domains.

A study reported in FASEB Journal compared the SCImago Journal Rank with the ISI Impact Factor. The study shows that SCImago Journal Rank can become a competitor for the ISI Impact Factor because of its open access, the use of a far larger database and, because it rates the citation quality. (Falagas ME, Kouranis VD, Arensibia-Jorge R, Karageorgopulos DE. Comparison of SCImago Journal Rank indicator with journal impact factor. FASEB J. 2008 Apr 11)

The SCImago Journal Rank looks at data such as total documents, citable documents, references and percentage of international collaboration.

The resource can also be used to compare data on several different journals, helpful in comparison for article submission. The following screen shot compares the European Heart Journal, American Heart Journal and American Journal of Physiology – Heart and Circulatory Physiology.

- Judy Burnham

The Biomedical Library Adds Several New Study Rooms

We anticipate, and welcome, a significant increase in users once the new Colleges of Allied Health and the College of Nursing move into their new building across the parking lot from us. To better serve all of our patrons the Biomedical Library has several planned building changes – the first of which should be completed by the early Fall 2008 semester.

Construction has begun on eight new individual study rooms and two new large group study rooms on the second floor. Once completed these new rooms will be available to our health sciences students and may be reserved at the circulation desk.

Changes planned for 2009 include new modular chairs with built-in laptop space on the third floor, ten new public computer work stations and a multimedia conference/meeting room on the second floor and a consolidation of the reference and circulation desks on the first floor.

Tentative plans to create a coffee/soft drink/snack vending area with seating are in the works.

We know that these changes can cause disruptions within the Biomedical Library, but please be assured we will work to keep these at a minimum, and ultimately it is hoped that these changes will make the library an even more attractive place for you to study and do your research.

If you have any questions, concerns or suggestions concerning these changes please feel free to contact me: Justin Robertson, Asst. Director for Public Services, or at jroberts@bbl.usouth.al
medical iPhone

Apple released the iPhone 3G this July with push email capability, GPS, and third-party applications, making it a much more attractive smart phone for medical professionals, as well as for students.

Several medical and health-related applications were available the first day through the iTunes App Store. Two prominently featured applications in the lead up to the release were Netter’s interactive anatomy Flashcards and the drug reference Epocrates Rx. Since then, other medical applications have been added such as Eponyms medical dictionary and iChart EMR to help doctors electronically keep track of their patients and prescriptions. Many fitness and health based applications are also available to help patients keep track of blood sugar, weight, diet, exercise, and medication routines.

Other applications that might be useful to medical professionals include office and productivity applications for keeping track of contacts, to-do lists, email, and news.

While the iPhone has a full browser capable of using most databases without a problem, some vendors and other websites have chosen to create “iPhone optimized” versions to better fit the iPhone’s screen. For instance, the Biomedical Library offers access to the Dynamed iPhone-optimized version through Skyscape.

There are also many iPhone-optimized versions of educational and productivity based websites that were designed for the original iPhone before it included the ability to install third-party applications.

Some companies like Heart Imaging Technologies are also choosing to make medical images and movies available on the handheld.

If you’d like more information or to see an iPhone 3G in action, contact Andrea Wright, Technology Librarian, at awright@bbl.usouthal.edu or 461-1424.
Summer is BUSY at the Baugh
STEP Up, STARS, and STRIPES students learn at the BML

USA Biomedical Librarians
Andrea Wright, Beverly Rossini, and Judy Burnham provided library instruction for high school students enrolled in the 2008 STEP-Up, STARS (Student Training for Academic Reinforcement in the Sciences) and STRIPES (Special Training to Raise Interest and Prepare for Entry into the Sciences) programs. These enrichment programs are managed through the University of South Alabama's Center for Healthy Communities' Center for Excellence and funded through a grant from the National Center on Minority and Health Disparities. Dr. Hattie Myles, Assistant Dean for Educational Enrichment in the Department of Special Programs at the USA College of Medicine directs the program at the University of South Alabama campus.

The students (mostly from Mobile County Public School System's Martie T. Blount, John L. LeFlore, and C.F. Vigor high schools) must demonstrate an interest in math and science and a desire to attend college and become health care providers. Students are mentored in communication and study skills and introduced to issues affecting minority health disparities during the three-phase, three-year program. Students conclude their involvement after their high school senior year with successful entry into college and ultimately a career in the health sciences.

STARS students study at the Baugh Biomedical Library. July 2008.

The USA Baugh Biomedical librarians developed a curriculum for the students to include information literacy and instruction in refining a research topic; developing search strategies; utilizing the Alabama Virtual Library, various databases, and finding aids to access and organize information related to health disparities. Students also described and recorded personal health histories in a family tree and researched and discussed genetic and environmental influences on personal health. Assignments were geared towards guiding students in the basic principles of research to facilitate their participation with USA College of Medicine's Dr. Errol D. Crook, Dr. Martha Arrieta, Dr. Harvey L. White and other researchers and community advocates in the Third Annual Health Disparities Symposium held at the Baker Gaines Campus of Bishop State Community College on July 17, 2008.

Throughout the six-week program, the students were a regular presence in the Baugh Biomedical Library as they continued a rigorous schedule focused on science, math, and writing. This is the first year the Biomedical Library has contributed to the curriculum.

Assistant Director for Hospital Services
Geneva Bush Stages and Outreach/Information Resources librarian Beverly Rossini have presented the MLA Health Information Literacy Research Project curriculum to more than one hundred USA health care providers in four sessions during the months of May and June.

Sessions provided an opportunity to earn CEU credits and to learn about health information literacy issues, consumer health resources, and about the support and services of the USA Biomedical library.

The Biomedical Library's Fun Committee kept busy over the summer hosting quite a few parties. In addition to our monthly birthday party, on one stormy Sunday afternoon, 14 courageous souls braved the weather on Wynde Griffith's pier overlooking Mobile Bay for a family fun day including a coolout, croquet, and watching an awesome lightning show and changing tide.

In July, a welcome party for new faculty member Robert Britton gave everyone a chance to meet Robert and his lovely wife, Lily, who is a native of Taiwan. Then Bo Holt hosted a housewarming party in his new Hillside home— as usual, there was no shortage of food.

Director Judy Burnham held an appreciation lunch for staff and faculty. Special invitees to the luncheon included: Dr. Richard Wood, Dean of Libraries; Dr. Julio Turrens, Associate Dean of the College of Allied Health Professions; Dr. Samuel Strada, Dean of the College of Medicine; Dr. Deborah Davis, Dean of the College of Nursing; and Dr. Ron Franks, Vice President for Health Sciences.

Looking ahead to August, the monthly birthday party will be held at the Children and Women's Library. Stay safe the rest of your summer!

- Wynde Griffith
Fun Committee Member
Clinical librarians as facilitators for evidence-based practice

Clinical librarianship has been defined as integrating information professionals into health care teams primarily through their attendance at rounds and/or meetings in the clinical setting, with the goal of supporting clinical decision making and education by providing timely, quality-filtered information to clinicians at the point of need. Starting in the 1970s and having waned in popularity primarily due to financial constraints, clinical librarian programs have experienced a resurgence in recent years due to the growing emphasis on evidence-based practice (EBP) in healthcare. A systematic review on clinical librarian programs notes that reports in journal literature have documented several benefits of these programs, including saving time for clinicians, influencing patient care and practitioners' knowledge base, and increasing efficiency in evaluating the medical literature. A study from 2007 indicates that including a clinical librarian on a team appears to increase both the willingness of staff to spend time searching the literature themselves and to delegate searches to a clinical librarian. This study also found that the outputs of searches by clinical librarians and health professionals may differ, with the searches done by the clinical librarian being more comprehensive. Two years ago USA's Biomedical Library started a clinical librarian program by integrating two librarians into eight committees at the University's Medical Center and Children's & Women's Hospital. Each librarian would allocate up to eight hours per week for the service. Originally started as a pilot project with a formal evaluation scheduled after six months, the program was green lighted by the Medical Center's Clinical Practice committee to continue indefinitely after only four months. While clinical librarian programs have traditionally focused primarily on medical staff, this program also made a concerted effort to target nursing staff. A 2006 online survey of RNs by Sigma Theta Tau showed that while nurses' familiarity and application of EBP principles are gaining a foothold, there are still areas that need to be addressed in order to continue the expansion of EBP, such as: 24% of RNs characterized themselves as having a low level of familiarity with EBP; 10% of RNs rated their comfort level with the EBP process as low; RNs identified appraisal and analysis of research evidence as the step in the EBP process that currently poses the greatest challenge; 66% of RNs identified the single largest obstacle in locating EBP information was not having the time to work search for or to analyze research evidence; the second largest obstacle (identified by 45% of RNs) was that evidence was often written in a manner that made it difficult to analyze or appraise; more than one in four (27%) RNs perceived the availability and accessibility of EBP resources to be inadequate; and in terms of nurses' perceived needs for evidence upon which to base their practice, it is particularly disconcerting that 8% of RNs described their need for this type of information as occurring only "seldom" (less than once per month) and another 22% as "never." So what are some of the lessons the Biomedical Library has learned after two years of this clinical librarian service? One of the most important lessons is that working with your client base in their professional setting is vital in not only understanding their information needs, but in designing services to meet those needs. There are many information needs that probably would not be pursued had a librarian not been present where the conversations were taking place. Additionally, one study found that the activity that most motivated respondents to use the clinical librarian service was his or her presence at their journal clubs and clinical meetings. Having a librarian on site (not just in the library) has led to other areas of collaboration as relationships are formed and trust is built. Individual instruction sessions have been conducted in the few minutes prior to or after a meeting, as people now approach with questions about resources or problems they've encountered in their work flow. This is a two way process, as we can now solicit on the spot feedback on new databases we are trialing or services we are considering. The reality is that while email may often get overlooked or phone calls not returned, in person questions get answered. Lectures and instructional sessions offered to: the medical, nursing, and allied health students are strengthened from the librarian's involvement in the clinical setting, as a greater understanding of the complexities involved in healthcare settings helps inform and ground academic exercises. While evidence-based practice has been a motivating force for the resurgence of clinical librarian programs, other areas such as health literacy, patient education, and health informatics also exist where collaboration between librarians and clinicians is both a natural and win/win scenario. Information professionals are an important resource that can and should be utilized to facilitate evidence-based practice. If you would like to explore the option of utilizing the services of a clinical librarian, please contact Clista Clanton (414-821-0, clclanton@bbl.usouthal.edu) or Geneva Bush Stagg (471-7855, g bush@jaguar1.usouthal.edu).

(footnotes)

SOUTHmed Update

A recent article in College and Research Library News' lamented the cost of scholarly journals increasing at a rate of ten percent per year for the last three decades. To make the point even more relevant to us today, they compare the increase in the average cost of chemistry and physics journals (which increased from an average subscription cost of $76.84 per year to $1,879.56 per year) to that of gasoline (which increased from 55 cents a gallon to $1.82 a gallon for those same three decades). If the price of a gallon of gas had increased at the same rate as the journals had increased for those three decades, gasoline would have cost $12.50 a gallon in 2005, and would cost over $14.50 today.

I suppose we should feel relieved that gasoline is edging once again below $4.00 a gallon. I hope SOUTHmed members feel satisfied with the information services offered by the Biomedical Library, where despite budget crunches, a dedicated staff is committed to keeping up with the information explosion in the medical field and to bringing you the best information and resources available.

Your membership guarantees you access to those services.

Another article from Library Journal coined the phrase "McInformation" to identify a trend in today's culture where attractively marketed online packages offer the end user bundled information resources, presumably meant to replace the librarian's expertise. This "fast food" of unacknowledged, uncontrolled, and often unequal information usually disappoints. Worse than that, outcomes can sometimes be serious. Why take that chance?

We hear it from information seekers all the time: "I don't have the time." We librarians make time; we are your "portal" to the information world. Whether you contact us via phone, email, chat, even text messages or if you read our blog, attend our workshops, or use our consultation services for your own self-education, you must be realizing – you are getting a great bargain: kind of like $4.00 a gallon gas in a $14.00 a gallon world.

Call us with your information needs. Renew your SOUTHmed membership next month. Plan to join us in October during National Medical Librarians' month when we host a series of events including Brown Bag at the Beagle where you can get ten-minute technology tips on all the latest productivity and information seeking tools we have been discovering and subscribing to. It's just a few of the many ways we add value to our services at the Biomedical Library. We will be in touch. You do the same.

Going green? If you would rather receive an electronic copy of this newsletter, please email me at brossini@bbul.usouthal.edu and include "Biofeedback e-version" in the subject field. I would be happy to accommodate you.

Beverly Rossini, Outreach/Information Resources Librarian
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brossini@bbul.usouthal.edu

1 Lewis, David W. Library budgets, open access, and the future scholarly publication. CbrL. News; May 2008: 271- 273