Biofeedback 99 - January 2014

Winter weather delayed the publication of the January Biofeedback, but you can catch up on what has been happening at the USA Biomedical Library below.

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photo credit: PublicDomainReview.org
**Director's Notes**

The start of a new year brings a chance for a fresh perspective. But at the same time, we need to see what has worked (and hasn't worked) for us in the past. With that in mind the Biomedical Library surveys a different segment of our user population each year to determine how the BL might better serve our users. During Spring Semester, the BL will again survey the 4th year medical students along with the COM clinical science faculty. This will be our first opportunity to compare results with the same segment as this group was surveyed four years ago. Survey results will be reported in a future issue of Biofeedback.

An issue addressed by the students in last year’s survey (2nd year medical students) was the hours the library is open. Because of staffing shortages, the BL is not able to be open longer hours. Also, security concerns do not allow the building to be open without appropriate staffing. However, we do have extended hours during final exam schedules. Also, the Health Information Resource Center/USAMC is open 24/7 to COM students with a valid ID. And of course, our electronic resources are available 24/7.

There were concerns from the faculty (COM Basic Science) about the quality of articles received via interlibrary loan. While we try to select libraries that usually provide quality copies and try to always check to make sure the copies are of high quality, sometimes things don’t go according to plan. If you get an article that is not acceptable, please contact the Interlibrary Loan Department. 460-6691.

Next Article: **ClinicalKey Replaces MDConsult**

**ClinicalKey Replaces MDConsult**

With Elsevier retiring MDConsult, the Biomedical Library has subscribed to a new resource called ClinicalKey. This new online search tool is designed to meet physicians’ needs using comprehensive content, trusted answers and speedy delivery. Some of the features of this resource include:

- Over 1,000 E-books
- Over 500 E-journals
- 15,000 videos
- 3.7+ million images
- Patient education handouts, practice guidelines, and more.

ClinicalKey may be accessed via the Database List link on our homepage. Tutorial videos for getting started with ClinicalKey are also available.

If you have any questions or if you would like to attend a webinar to learn more about ClinicalKey, please contact Je Li, jli@southalabama.edu, or 460-6690.
JBI Evidence-Based Practice Database Now Available

The Biomedical Library recently subscribed to the Joanna Briggs Institute Evidence-Based Practice database through Ovid. Joanna Briggs Institute is a leading source in evidence-based practice content. The JBI EBP database contains the following types of publications:

- **Systematic Reviews** - Comprehensive systematic reviews of international research literature completed by trained JBI reviewers
- **Evidence Summaries** - Literature reviews that summarize existing international literature on common healthcare interventions and activities
- **Best Practice Information Sheets** - Series of information guidelines sheets produced specifically for practicing health professionals
- **Consumer Information Sheets** - Standardized summaries designed just for consumers of healthcare (patients, clients, and care providers)
- **Systematic Review Protocols** - Documents background information and the plan for conducting a systematic review
- **Technical Reports** - Documentation of all aspects of the development of Best Practice Information Sheets

JBI will be replacing the Nursing Reference Center, which will be expiring on April 30. JBI is available through the Database List on the homepage of the Biomedical Library. If you would like help using JBI, please contact the reference desk. An introduction to the resource is embedded below.
Starting from January 1, 2014, Biomedical Library has added JoVE Science Education, a video database, to our collection. JoVE Science Education is designed for introductory lab students and is currently comprised of three collections: General Lab Techniques, Basic Methods in Cell and Molecular Biology, and Model Organisms. The collections can be used as instructional protocols to supplement classroom learning or as an introduction to the lab.

JoVE Science Education Collection may be accessed via the Database List link on our homepage or from our Multimedia page.
New Editions of Red Book E-Books Added

New editions of some heavily used ebooks have added to our collection:

Red Book®: 2012 Report of the Committee on Infectious Diseases

Red Book Atlas of Pediatric Infectious Diseases 2013
Biomedical Library Subscribes to BMJ Best Practice

After a one-year trial of BMJ Best Practice and based on feedback from some physicians, the Biomedical Library is now subscribing to this point-of-care database.

In a single source, BMJ Best Practice has combined the latest research evidence, guidelines and expert opinion - presented in a step-by-step approach, covering prevention, diagnosis, treatment and prognosis. BMJ Best Practice provides a second opinion in an instant, without the need for checking multiple resources. Its unique patient-focused approach represents a major new advancement in information delivery at the point of care.

Product information

- Information delivery, action orientated and structured around the patient consultation.
- A process including peer review and multiple sign-off.
- Coverage (information relating to over 10,000 diagnoses by end of 2009, 5000 at launch) helping healthcare professionals make decisions with confidence.
- Constantly updated resource.
- A standard structure for each condition including a summary and definition, etiology, epidemiology, through key diagnostic steps and tests into treatment approaches with drugs, guidelines and evidence, finishing with recommendations and outlook for patient follow-up.
- Information for patients to support treatment options.
- Clinical Evidence'inside' brings together the best current evidence with expert guidance.
- My Best Practice allowing end users to save searches and bookmarks to specific content.
- Ability to upload local guidelines and links.
- Full reference links and color images where available.

For access, go to the homepage of the Biomedical Library, click on Database List, and when the new screen opens, click on BMJ Best Practice.

Best Practice is also available on both IOS and Android devices:
Using Library and Its Resources Can Save Time, Money

In the January 2012 issue of Biofeedback, it was noted that the Biomedical Library participated in a nationwide study concerning the value of library and information services in patient care. The results of that study indicated that the information was valuable and saved the clinician time and that adverse effects were avoided as a result of the information.

Another study, this one conducted in Australia, has reflected on the value of health science libraries. This study indicated that health libraries have been found to return $9 for every $1 invested. The firm that conducted the survey noted that this is a conservative estimate and the true value of health libraries is likely to be even higher. The study assessed the benefits provided directly to health library users, including time saved and value of ‘out-of-pocket’ expenses such as journal subscriptions. Another survey conducted by the same firm in September 2012 when users were asked how they believed their use of the service over the last year had helped them indicated that:

- 83% said it had helped them improve health outcomes for their patients;
- 76% said it had changed their thinking and improved their diagnosis or treatment plan.


photo credit: Tim Lindenbaum
Digital Commons Network-Medicine & Health Sciences

The Digital Commons Network includes full-text, open-access documents from institutional repositories worldwide. The resource includes peer-reviewed journal articles, book chapters, dissertations, working papers, conference proceedings, and other original scholarly work. The resource has been curated by university librarians. Users can browse popular and recently added articles, search all content, or "Follow" authors and publications to receive monthly email updates on new work in that field.

The resource includes all disciplines including Medicine and Health. This section of the resource contains over 33,000 articles, including articles in cardiology, nursing, orthopedics, pediatrics, and rehabilitation.

Patients’ Source of Information

According to a recent survey by the Pew Research Center, about 45% of adults live with chronic health conditions. The report highlights a "diagnosis difference" that suggests that those with chronic health conditions are less likely to be active online, even when controlling for other variables such as age, income, education, ethnicity, and overall health status. The survey also found that while patients usually depend on their health care providers for information, those with online access gather, share, and create health information, both online and offline. This includes information on medications, treatment options and personal experience of other patients with a similar condition. The patient, then, often joins the conversation and shares their experiences with other patients.

Where are your patients getting their health care information? The Biomedical Library can assist you in guiding your patients to quality health care information.
Barbara Lewis Retires

Barbara Lewis, a long-term employee of the Biomedical Library, retired on December 31, 2013. A retirement party was held in her honor on December 6th at the USA Faculty Club. Please join her as she reminisces about her many years with the University of South Alabama.

My journey with the University of South Alabama began in 1973, working part-time as a Secretary for the Instructional Media Department. I was married in 1974, and in 1976 started my family. I resigned in 1975 to stay home with my child.

In 1977, my husband became ill, and I decided to go back to work. I returned to the University in July, 1977, working in the Government Documents Department.

In 1979, I transferred to the Biomedical Library and started working in the Technical Services Department, where I have worked to the present. During my time at the university, I have worked under numerous library directors and more than 10 supervisors.

As I retire, my plans are to relax, enjoy my family, and travel. I have truly enjoyed working with the university for the past 36 years.

I would like to thank the Biomedical Library for giving me this opportunity. May God bless each of you.

Sincerely,

Barbara Lewis

Evelyn Reed Retires

Evelyn Reed, a long-term employee of the Biomedical Library, retired on December 12, 2013. Evelyn started working at the University of South Alabama in 1977 when she was 24 years old. Her first job was with the Government Documents Department of the University Library (now the Marx Library) before transferring to the Biomedical Library in 1979, where she worked in the Cataloging Department for almost 17 years. She worked briefly in the Circulation Department before moving to the Interlibrary Loan/Document Delivery Department in June 1996, where she remained until her retirement, having been promoted to supervisor in 2008.

On December 13, 2013, a retirement party was held at the USA Faculty Club to recognize Evelyn's 36 years of service to the libraries of the University of South Alabama. Through the years, Evelyn served under numerous supervisors and was a member of many committees.
The PubReader View: A New Way to Read Articles in PMC

Informal documents are easier to read on the computer screen than are scientific articles. Researchers seldom read the article straight through, but instead flip back and forth between different parts of the article such as tables and text. Also, our brains are trained to expect scientific articles to be presented in column format. This sometimes makes it difficult in reading scientific articles on the computer screen, resulting in printing of the article.

PubReader has been designed to overcome that issue. It can be used with a desktop, laptop or tablet. The software breaks an article into multiple columns and pages to improve readability and navigation. Navigation uses keyboard strokes, swipes and taps/clicks on the page. There is a progress bar at the bottom of the page. There is also an image strip that takes you to the image and then back to the original place in the article.

More information about the PubReader view can be found on the PubMed Central website or you can try it directly by clicking on the new "PubReader" link for an article in a PMC search result list. The PubReader presentation only works in relatively recent versions of Web browsers.
Copyright Corner: Public Domain Day

January 1st is a day of new beginnings. Not only is it New Year’s Day, but it is also Public Domain Day, a time when copyright protection on a particular work expires, and the work then enters the public domain. Once in the public domain, the work may be used by anyone for any purpose, without permission of the copyright owner, since there is no longer a copyright owner. As a result, “on each year’s January 1st an impressive wealth of knowledge, information and beauty becomes freely available to humankind.”

The length of copyright protection varies by country. Currently, in the United States, it lasts for the life of the author plus 70 years after death, for works created after January 1, 1978. A caveat, however: in the United States, there will be no works entering the public domain until 2019, due to changes in the copyright law. (To determine when a particular work will enter the public domain in the U.S., there are numerous public domain calculators, such as the Public Domain Sherpa.) In contrast, in other countries where the length of copyright protection lasts strictly for the life of the author plus 70 years after death, works of the authors in the picture (see above) entered the public domain as of January 1, 2014.

In case you were wondering, copyright in the United States is protected by the U.S. Constitution in what is known as the "Patent and Copyright Clause," i.e., Article I Section 8 Clause 8, to wit, "The Congress shall have power... To promote the progress of science and useful arts, by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries." (See United States Constitution, Article 1, Section 8.) Copyright protections are given to authors, painters, composers, and creators in order to encourage them to write, paint, compose, and create. Once a book is written or a symphony composed or a painting completed, copyright law allows the author/composer/artist to reap all rewards (including monetary) from her/his creation. However, copyright terms expire after a set number of years to allow others to make use of a work. The work can then become a building block for new creations, new knowledge, and new artistic endeavours: "people can transform a poem into song lyrics, or make a movie based on a public domain novel." And what sorts of works are copyrightable? According to the United States Copyright Office, "copyright...protects original works of authorship including literary, dramatic, musical, and artistic works, such as poetry, novels, movies, songs, computer software, and architecture."

This Public Domain Day (each year's January 1st) website is an initiative of COMMUNIA, the European Thematic Network on the Digital Public Domain, with the support of the Open Knowledge Foundation. For more information, two excellent websites are The Public Domain Review and Duke University's Center for the Study of the Public Domain.

If you have questions about copyright, feel free to contact Trey Lemley.

Photo credit: PublicDomainReview.org
Keeping Up With National Library of Medicine Products

It is sometimes difficult to keep up with changes to the products provided by the National Library of Medicine. Below are links to news provided by the NLM. These links can be pasted into an RSS feeder and then sent directly to your feed reader. You can learn more about RSS feeds and readers in this Tech Corner column from the March 2013 Biofeedback or from dmoz.org.


**MeSH updated**
PubMed MEDLINE indexed citations and the MeSH database have been updated with 2014 MeSH vocabulary.
16d 48d

**Multiple author affiliations**
PubMed citations may now display multiple affiliations for authors, investigators, or corporate authors, if supplied by the publisher.
33d 48d hide // save

**Relevance Sort**
PubMed now includes a relevance sort option under the "Display settings" menu.
100 101d

**My NCBI Curriculum Vitae application released, SciENcv**
SciENcv is a new feature in My NCBI that helps users create an online professional profile that they can share with others. The SciENcv profile will automatically populate NIH research awards for NIH grantees who have linked 42 136d
Faculty Publications: November 2013 - January 2014


Cohen MV, Downey JM. Combined cardioprotectant and antithrombotic actions of platelet P2Y12 receptor antagonists in acute coronary syndrome: Just what the doctor ordered. Journal of Cardiovascular Pharmacology and Therapeutics. 2013 Dec 2;


Kuvibidila S, Porretta C, Baliga S. **Aneuploidy assessed by DNA index influences the effect of iron status on plasma and/or supernatant cytokine levels and progression of cells through the cell cycle in a mouse model.** Cytokine. 2014 Feb;65(2):175-83.


