Welcome to the 102nd issue of Biofeedback.

- Director’s Notes
- Springer Images
- Tech Corner: Free App Update
- Benefits of a My Access Personal Account in AccessMedicine and AccessSurgery
- ClinicalKey Video Guided Tour
- Community Health Outreach to Seniors: a Healthcare Information for Seniors Project Update
- Write Articles? Meet JANE: the Journal/Article Name Estimator
- TEDMED Talks
- World Health Organization Joins PubMed Central
- NLM Launches Value Set Authority Center
- Faculty Publications: May-July 2014

photo: McCall Rare Book and Manuscript Library, USA
Director’s Notes

Each year, the Biomedical Library surveys a segment of its user population. In both 2010 and 2014, we surveyed the 4th Year medical students and the College of Medicine clinical faculty. This gives us a chance to compare the results from the two years. This month, I will highlight some of those data and will continue in the next issue of Biofeedback. Please let me know if you have any questions about the results.

The web page continues to be the most visited site of the Biomedical Library (BL). That is not surprising since the majority of our resources are now available online. Faculty and students continue to use the BL most often to use electronic resources, again not surprising. Both faculty and students continue to report that they are usually successful in finding the resources that they need. Faculty continue to most often use the web page to read full-text journals online while students increasingly use the web page to use the databases. There was a slight increase in the number of faculty who do not use interlibrary loan and the percentage for students remained high. Hopefully this is because our collection is adequate to meet most resource needs. An increasing number of faculty and student respondents have mobile devices, especially iPhones and iPads. It is encouraging to see that an increasing number of both faculty and students responded that they use mobile tools provided by the BL, with e-journals and e-books most used by the faculty and Access Medicine and e-journals most used by the students.

Next Article: Springer Images

Springer Images

Springer Images is a collection of scientific images covering many scientific, technical and medical fields. There are currently over 5 million images, and images are added on a continuing basis. The images include photos, graphs, histograms, figures, and tables, and access is available via a searchable online database. The interface searches captions, keywords, context and more, even jumping from the image to the source article. Users can create personalized image “sets” and can easily export images for use in their own presentations or lectures. Full access to Springer Images requires a subscription (not provided by the Biomedical Library), but there are some images available without charge. Simply check the “Only accessible images (free + subscribed)” box in the left column. Searches can also be limited by type of image.

For more image and video resources, visit our Multimedia Page.
Tech Corner: Free App Update

AHRQ ePSS - Electronic Preventive Services Selector

iPhone, iPad, Android, Windows 8, Blackberry, Web

Quick access to recommended preventative services and screening tools based on patient population. The user begins by entering the patient’s age, sex, pregnancy, tobacco use, and sexual activity statuses, and is provided with a list of appropriate preventative medicine suggestions in order of those most recommended based on the evidence to support them in that population. For each item, the general and specific clinical rationale is provided, along with access to screening tools, useful calculators, and patient and provider information sheets about the the topic at hand.
Radiology 2.0 - One Night in the ED

iPhone, iPad

Originally begun as a web resource, Radiology 2.0 helps users learn how to interpret CT scans through case simulations. Each case begins with a series of CT scans presented as if at a PACS station. The case is then discussed in detail, with labeled images and drawing included to help comprehension. Radiology 2.0 is provided for free as an education tool.

AANS Operative Grand Rounds

iPhone/iPad, Android

A collection of videos on neurosurgical techniques and evidence provided by a joint effort between Aaron Cohen-Gadol, The Neurosurgical Atlas, and the American Association of Neurological Surgeons (AANS). In addition to video surgical grand rounds on wide range of topics, the app provides case discussions and preparations for oral boards. No CE is provided.
Benefits of a My Access Personal Account in AccessMedicine and AccessSurgery

By creating a My Access personal account, you may unlock a higher level of functionality of AccessMedicine and AccessSurgery:

- Gain remote access to your subscribed site(s) using just your My Access account credentials. No extra log-ins required!
- Access Self-Assessment to create and save practice tests.
- Use the Cases to evaluate real-world patient scenarios.
- Save and download images and print full chapters.

When you click on any materials that requires login, such as self-assessment, you will be prompted to login. If you don’t have a MyAccess account, you may create one. You may also create MyAccess account at http://mhmedical.com/index.aspx.
ClinicalKey Video Guided Tour

To make best use of ClinicalKey and find most of the contents and best features, you may watch this ClinicalKey video guided tour:

Next Article: Community Health Outreach to Seniors: a Healthcare Information for Seniors Project Update
Community Health Outreach to Seniors: a Healthcare Information for Seniors Project Update

The Healthcare Information for Seniors Project (HCIS) began in June and so far has reached about 150 senior citizens in high health disparity zip codes in the Mobile area. Classes take place at local Senior Activities for Independent Living (SAIL) Centers or at area participating churches.

In the classes, seniors are introduced to health literacy facts about senior citizens and general information about health information literacy, such as filling out complex forms, locating healthcare providers and services, sharing information with their healthcare provider, and participating in self-care and/or chronic-disease management.

Next, the seniors watch a short video from the American Medical Association entitled, "Health Literacy: A Prescription to End Confusion," which introduces them to other real people struggling with their own health literacy. Seniors are then instructed on ways to stay informed regarding their own healthcare, including how to talk to their healthcare provider about their health concerns and other places to stay informed, or ask questions including their local public library, and even in the privacy of their own home, via SeniorHealth and MedlinePlus (see below).

SeniorHealth.gov is a Web site specifically designed for older adults that makes aging-related health information easily accessible. It offers authoritative and up-to-date health information from Institutes and Centers at the National Institutes of Health NIH. Health topics include general background information, open-captioned videos, quizzes and frequently asked questions (FAQs). Use of SeniorHealth.gov is demonstrated via live scenario searches and participants are encouraged to offer their own search queries during each class.

MedlinePlus.gov is the National Institutes of Health’s website for patients and their families and friends. It presents information about diseases, conditions, and wellness issues in language you can understand. With MedlinePlus, seniors can learn about the latest treatments, look up information on a drug or supplement, find out the meanings of words, or view medical videos or illustrations.

The benefits of using SeniorHealth.gov and MedlinePlus.gov over other commercially driven healthcare Web sites is discussed, and seniors learn, in brief, why evaluating electronic health resources is imperative.

For the next phase of the project, external funding has been used to purchase Ipad}s, so the seniors can continue practicing their skills using SeniorHealth and MedlinePlus.

Healthcare Information for Seniors classes will continue on through the end of the year. Each SAIL Center and participating church will be visited at least twice throughout this project. Be sure and read the next issue of Biofeedback for updates to this ongoing project.
Write Articles? Meet JANE: the Journal/Article Name Estimator

Unsure about which journal to submit your manuscript? Then meet, JANE, the Journal/Article Name Estimator; a web-based bibliometrics application that analyzes a sample text to help identify citation patterns within the 21 million referenced journal articles contained in MEDLINE.

For authors, finding the appropriate journal to publish their work can be a daunting task as many journals deal with a wide variety of topics and are often multi-disciplinary. Designed to assess novelty or repetition of subject matter in MEDLINE, this web-based resource helps researchers determine the most appropriate journal for publishing their manuscripts.

Not only can JANE help with journal determination, it can also reveal who has done similar research in a specific field and can search for articles with similar subjects. Use JANE to reveal who else has done research on your particular topic and to find additional resources to include in your own research. Also, use JANE to locate reviewers for your own manuscript with similar research interests.

To search in JANE, enter the title, author, and/or abstract of the paper in the search box, and click on “Find journals,” “Find authors,” or “Find articles.” JANE will then compare your document to the millions of documents in MEDLINE to find the best matching journals, authors or articles. JANE can also be searched by keyword.

JANE is updated monthly and includes papers with abstracts that were published in the last 10 years. The database works by searching for the 50 articles that are most similar to your input. For each of these articles, a similarity score between that article and your input is calculated. The similarity scores of all the articles belonging to a certain journal or author are summed to calculate the confidence score for that journal or author. The results are ranked by confidence score.

JANE also calculates an Article Influence (AI) score. The AI measures how often articles in the journal are cited within the first five years after its publication. These citations are weighted based on the influence of the journals from which citations are received: being cited in an article in Science can boost a journal’s AI more than being cited in an article in an obscure journal.

No need to worry about submitting your abstract to JANE. The information sent to the JANE server is not stored. It is kept in memory for as long as needed to calculate the scores and formulate the response page, and then it is discarded from memory.

JANE is a project of the Biosemantics Group and is a collaboration between the Medical Informatics department of the Erasmus MC University Medical Center of Rotterdam and the Center for Human and Clinical Genetics of the Leiden University. The project is funded by the Netherlands Bioinformatics Centre.

For more information, visit http://www.biosemantics.org/jane/.

Next Article: TEDMED Talks
TEDMED Talks

TEDMed Talks are a series of thought-provoking, inspiring and entertaining lectures by experts in their field. Some titles of the most popular talks are "When is a hacksaw a necessary medical device?" and "How did GenX inspire next-gen medical imaging?" Another interesting title is "Are zombie doctors taking over America?" The videos are produced by TED, a non-profit organization whose mission is to spread ideas via short videos, usually 18 minutes or less. TED provides lectures in other areas beside medicine. TedMed Talks can be viewed at .

Enjoy Dr. Amy Abernathy's talk, "Can patient data have a second life?" below.

URL: http://www.tedmed.com/talks/show?id=64599

World Health Organization Joins PubMed Central

A new open access policy has been issued by the World Health Organization (WHO). Open access provides free, immediate access on the public Internet to research contributed by scholars. Open access permits users to read, download, print, and/or distribute those works. The new WHO policy applies to all WHO-authored or WHO-funded research published in journals and books. Starting July 1, 2014, any articles authored or co-authored by staff from WHO or WHO funding recipients will be required to publish in an open-access journal or a hybrid open-access journal, including journals who release articles for inclusion in Europe PMC within the 12 month period. This commitment by WHO will provide easier access to research.

Next Article: NLM Launches Value Set Authority Center
Faculty Publications: May-July 2014


Rachek LI. Free fatty acids and skeletal muscle insulin resistance. 2014. 267 p.


