

University of South Alabama

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Biofeedback Newsletter

Charles M. Baugh Biomedical Library

11-2013

Biofeedback - November 2013

Biomedical Library Staff

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Biofeedback

newsletter

Biofeedback 98 - November 2013

Welcome to the 98th issue of the Biofeedback Newsletter. We hope you enjoy the upcoming holiday seasons with your family and friends.

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Photo: group of women circa 1930
from the collection of
The Doy Leale McCall Rare Book and Manuscript Library
University of South Alabama

Director's Notes - Nov 2013

I would like to use the Director's Notes column to address a comment in a recent Biomedical Library satisfaction survey. A user noted with dismay the discarding of books from the library collection. Before books are withdrawn from the collection, we make sure that they meet the criteria set forth in our Collection Development Policy. This policy was developed by the Biomedical Library Collection Management Department and approved by the Biomedical Library Advisory Committee. The criteria for books includes:

- frequency of use, (i.e., if book has not circulated in the past ten years it will be a target for discard)
- subject (i.e., is the subject area still relevant to the needs and interests of the Library's clientele? Is the curriculum in this area no longer being supported by the University?)
- alternative availability (i.e., is the item available elsewhere locally or regionally?)
- special features i.e., is there something peculiar to the item that makes it worth retaining? (e.g., author's inscription, autograph?)
- status in history of the subject (i.e., is it a classic, landmark, monument in development of the field?)
- date (i.e., is the information still considered valid? has the Library anything more current: is the item of historical interest?), i.e., if the item is more than 10 years old, it will be a target for discard.
- physical state of the item
- language (foreign languages are collected sparingly)
- is it a reprint of something already in the collection?

During the withdrawal process, a list of books that meet the criteria is developed. These books are then examined by a librarian and a determination made whether to withdraw or retain. Those still targeted for withdrawal are then examined by a second librarian using the same criteria.

Our goal is to keep the book collection current and relevant. It has been noted that the annual cost of keeping a book in a library is about \$4.26. In addition to containing out of date information, the freed-up space can be used for other functions.

If you have any questions about our Collection Development Policy, please feel free to contact me.

Judy Burnham
Director

Exam Master Adds Learning Mode

At the demands of users, Exam Master recently added a new Learning Mode, which generates a score report. Now Exam Master has 4 modes available:

Test Mode: Submit an answer choice for each question and click score to complete the session. If score report access is allowed, go to *My Stats* to evaluate your strengths and weaknesses by topical area.

Review Mode: Available after an exam is scored in test mode. Compares answer choice previously selected in test mode to correct answer choice and allows access to question explanations.

Study Mode: Review question feedback and access to an explanation upon submitting an answer choice for each question. A score report is generated using the first answer choice submitted. Click score to complete the study session.

Learning Mode (NEW): View correct answer choice and question explanation immediately and learn the question content without generating a score report.

If you have not used Exam Master before, you may go to Biomedical Library website, click on Database List, then Exam Master Online to register and use Exam Master.

You can select text in the case or question to highlight it.

Question

If you examine the structures of the eyeball, in which sequence does light pass these structures from the outside in?

1. Aqueous humor
2. Vitreous body
3. Lens
4. Iris
5. Cornea

Answer Choices

- A 1 5-1-2-4-3
- B 2 1-5-4-3-2
- C 3 5-1-4-3-2
- D 4 5-2-4-3-1
- E 5 4-1-3-2-5

Update Answer

Show Explanation

Correct answer:
5-1-4-3-2

Explanation Light entering the eye is passing the structures mentioned in the question in the following order:

Cornea (Lens of fixed focal length) → Anterior chamber (which contains an aqueous fluid called aqueous humor) → Iris → Lens → Vitreous body (a gelatinous substance filling the vitreous chamber).

BMJ Best Practice Now Also Offers Android App

BMJ Best Practice is a point-of-care tool that combines the latest research evidence, guidelines and expert opinion – presented in a step-by-step approach, covering prevention, diagnosis, treatment and prognosis. Best Practice also provides a second opinion in an instant. Its patient-focused approach delivers information to health care providers at the point of care.

BMJ Best Practice has developed their first Android app, in parallel with a newly improved iOS version.

The app is uniquely structured around the patient consultation to provide up-to-date access to clinical guidelines, research evidence and expert opinion.

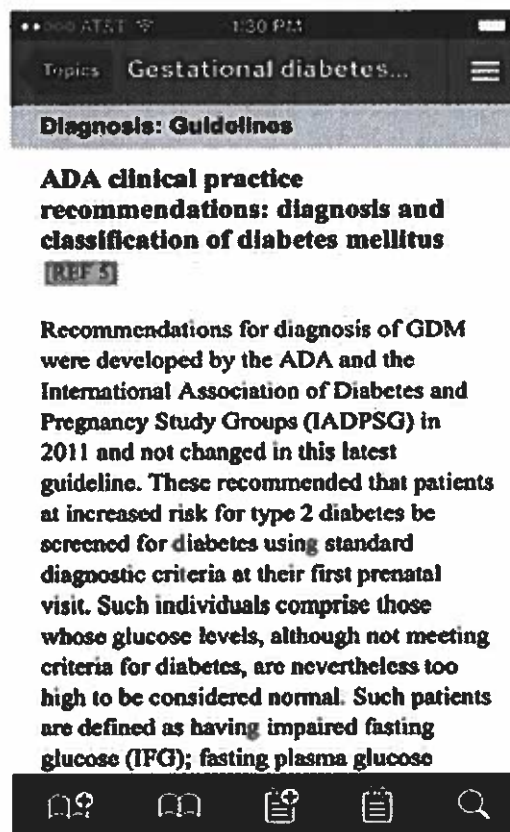
The app provides access to:

- Over 1,000 diagnoses and diagnostic tests
- Clinical guidelines and research evidence, even when offline
- Expert opinion to back up your decisions
- Topics structured around the patient consultation, including prevention, diagnosis and treatment, with clear references and images
- Personalisation features including options to add notes and bookmarks

To use the app with the access provided by the Biomedical Library, first visit BMJ Best Practice and create a login to use in the app by clicking the "register" link in the right sidebar.

Download the iOS app

Download the Android app



Lessons Learned and a Volunteer Opportunity

By Clista Clanton, MSLS



For over 3 years now, I've been working one morning a week as an embedded librarian in a nurse-managed health and wellness clinic located at 15 Place, a homeless day shelter. I became aware of the clinic when Dr. Linda Roussel of the CON was awarded a 5-year HSRA grant to establish nurse-managed clinics, and I asked her if I could participate in some fashion. My initial plan was that I'd provide access to quality health information for both the healthcare providers and patients at the outreach clinics located at Dumas Wesley and 15 Place, with the goal of promoting better health literacy and communication. To that end, I

secured a grant that allowed me to purchase netbook computers and wireless printers, and the adventure began.

I say adventure, because with all endeavors, you never really know how they will progress. In the beginning of the work at 15 Place, it was just the College of Nursing's Margaret Moore-Nadler and myself in a dumpy room, where we offered health screenings for assessing a person's risk for Metabolic Syndrome to the guests (how the homeless are referred to at 15 Place), as well as education and support on making lifestyle changes. Dr. Nadler taught me about the Transtheoretical Model of Nursing and Motivational Interviewing, and I taught Dr. Nadler more about information management and how databases work than she was probably bargaining for. Thus began an interprofessional collaboration that has grown and flourished.

As we brainstormed, planned, and revised those plans in the face of an always changing environment, we continued to provide screenings and education to the guests every Friday morning. We quickly realized some key issues: (1) the needs were much greater than we could address (2) we needed to connect with other professionals and community agencies, and (3) the importance of establishing respectful and trusting relationships with the homeless. We conducted a qualitative research study on the homeless' experiences in seeking healthcare that showed us how disrespected and marginalized they often felt in their interactions with healthcare providers. We witnessed the gaps and breakdowns in a healthcare system that is inadequately prepared to deal with those not insured or able to pay for services, yet that is regularly called on to do so.

Opportunities arose, through both fortuitous events and strategic planning. We had the occasional volunteers that added their knowledge bases of nursing and pharmacy. Students started rotating through the clinic: first EMT's, then Social Work interns, and then Physician Assistants. Dr. Nadler was able to get other community agency buy-in by forming interagency and interdisciplinary treatment teams for guests indentified as highly motivated and ready to make changes, with the goal of getting them stable and housed. Along with the nurse practitioner at Franklin Clinic's Healthcare for the Homeless, Dr. Nadler and I were able to present at the 2013 National Healthcare for the Homeless Conference & Policy Symposium on the interagency/interprofessional treatment teams.

The momentum is continuing, with a presentation last month by Drs. Roussel, Nadler and myself to the Transcultural Nursing Society on interprofessional/experiential learning and integrating students into the clinic. Contacts were made with professionals in other cities who are doing similar things, and I left with a feeling that we were ahead of the curve in some areas. A recent presentation on locating evidence-based information and standards of care that I gave to the FM-QAI, the group tasked by Medicare with investigating patient complaints nationally, has led to other potential opportunities to collaborate as they grapple with how health disparities factor into their scope of work.

Lessons Learned and a Volunteer Opportunity (cont.)

Now, here is an opportunity you can be a part of, if you are so inclined. On January 31st, 2014, Project Homeless Connect will be taking place at the Mobile Civic Center. This first ever event for Mobile and Baldwin counties is designed to provide medical services, legal assistance, dental and vision screenings, along with access to housing assistance and main stream resources (food stamps, state ID's, Social Security Cards, etc...). While some faculty and students from the university are already involved, more are needed. The goal is to provide a health coach for every homeless person that attends this event, helping him or her navigate through the various stations available. We also need volunteers to help with screenings and education. At this point, stations will be offered for metabolic syndrome, blood pressure/pulse check, glucose and cholesterol screening, dental screening, vision screening, HIV/syphilis/Hep C risk factor screening and STD education, diabetic/foot checks, safety (heat stroke, poisonous plants and snakes) education, diet, weight and exercise education, mental health assessments, and medication management.

If you have experience, time, or resources that you would like to contribute, please contact Dr. Margaret Moore-Nadler at mmoore-nadler@southalabama.edu, and she will connect you with the volunteer coordinator. If I've learned anything in the last three years, it's the importance of never underestimating where a single opportunity can lead.

New Books Added to Collection

Title: Pharmacology: PreTest self-assessment and review / [edited by] Marshal Schlafer.

Publication Information: New York : McGraw-Hill Medical, c2010.

Description: 13th ed.

Location: Baugh Biomedical Library Reserves

Call Number: QV 18.2 P536 2010

Main Author: Whitman, Neal.

Title: Residents as teachers: a guide to educational practice / Neal Whitman and Thomas L. Schwenk.

Publication Information: Pacific Grove, Calif. : Whitman Assoc., 2005.

Description: 3rd ed.

Location: Health Info Resource Ctr (Medical Ctr 3rd FL) Book Shelves

Call Number: W 18 W615r 2005

New Books (cont.)

Main Author: Le, Tao.

Title: First aid for the USMLE step 2 CS

Publication Information: New York : McGraw-Hill Medical, [2012]

Description: Fourth edition.

Location: Baugh Biomedical Library Reserves

Call Number: WB 18.2 F5271 2012

Title: Evidence-based practice : an integrative approach to research, administration, and practice / edited by Heather R. Hall, Linda A. Roussel.

Publication Information: Burlington, MA : Jones & Bartlett Learning, c2014.

Location: Biomedical Library Book Shelves (1st Floor)

Call Number: WB 102.5 E9534 2014

Title: The 5-minute clinical consult 2014 / editor-in-chief, Frank J. Domino ; associate editors, Robert A. Baldor ... [et al.].

Publication Information: Philadelphia, Pa. : Wolters Kluwer Health/Lippincott Williams & Wilkins, c2014.

Description: 22nd ed.

Location: Health Info Resource Ctr (Medical Ctr 3rd FL) Reference

Call Number: WB 102 Z999 2014

New Books (cont.)

Title: Rosen's emergency medicine : concepts and clinical practice

Publication Information: Philadelphia, PA : Elsevier/Saunders, [2014]

Description: Eighth edition.

Location: Health Info Resource Ctr (Medical Ctr 3rd FL) Reference

Call Number: WB 105 R6746 2014

Main Author: Bickley, Lynn S.

Title: Bates' guide to physical examination and history taking.

Publication Information: Philadelphia : Wolters Kluwer Health/Lippincott Williams & Wilkins, c2013.

Description: 11th ed. / Lynn S. Bickley, Peter G. Szilagyi.

Location: Baugh Biomedical Library Reserves

Call Number: WB 205 B583b 2013

Main Author: Mercier, Lonnie R., 1942-

Title: Practical orthopedics / Lonnie Mercier.

Publication Information: Philadelphia : Mosby, c2008.

Location: Health Info Resource Ctr (Medical Ctr 3rd FL) Book Shelves

Call Number: WE 168 M555p 2008

Title: Emergency orthopedics / editors, Robert R. Simon, Scott C. Sherman ; contributing author, Ghazala Q. Sharieff ; with illustrations by Susan Gilbert.

Publication Information: New York : McGraw-Hill Medical, c2011.

Description: 6th ed.

Location: Health Info Resource Ctr (Medical Ctr 3rd FL) Book Shelves

Call Number: WE 800 E535 2011

Main Author: Smith, Margaret E.,

Title: The digestive system : basic science and clinical / Margaret E. Smith, Dion G. Morton.

Publication Information: Edinburgh ; New York : Churchill Livingstone, 2010.

Description: 2nd ed.

Location: Baugh Biomedical Library Reserves

Call Number: WI 141 S655d 2010

Main Author: Fisch, Bruce J.

Title: Fisch and Spehlmann's EEG primer : basic principles of digital and analog EEG.

Publication Information: Amsterdam ; New York : Elsevier, 1999.

Description: 3rd rev. and enl. ed. / Bruce J. Fisch.

Location: Health Info Resource Ctr (Medical Ctr 3rd FL) Reference

Call Number: WL 150 F528f 1999

Title: Diagnostic and statistical manual of mental disorders : DSM-5.

Publication Information: Arlington, VA : American Psychiatric Association, c2013.

Description: 5th ed.

Location: Baugh Biomedical Library Reference

Call Number: WM 15 D5366 2013

Location: Health Info Resource Ctr (Medical Ctr 3rd FL) Reference

Call Number: WM 15 D5366 2013

Main Author: Paris, Joel, 1940-

Title: The intelligent clinician's guide to the DSM-V / Joel Paris.

Publication Information: New York : Oxford University Press, c2013.

Location: Baugh Biomedical Library Reference

Call Number: WM 141 P232i 2013

"Measuring Your Impact" Course at Biomedical Library

The National Network of Libraries of Medicine (NN/LM) will offer a workshop entitled "Measuring Your Impact: Using Evaluation for Library Advocacy" at the University of South Alabama Biomedical Library (Room 222-A) on Monday, December 16, 2013, from 8 am - noon and from 1 pm - 3 pm. This workshop carries 6 MLA CE credits and will be taught by Andrew Youngkin, Emerging Technologies Evaluation Coordinator for the Southeastern Atlantic Region of the NN/LM.

According to its course description on the NN/LM website,

Library users and stakeholders will recognize and value the importance of their library's services and of the librarian to the organization. That is the ultimate goal of this six-hour workshop. The outcome for the class is that librarians will be able to show the value of their library's services. Participants will become familiar with an evaluation process and will use and take away methods and tools for assessment, evaluation planning, creating logic models, data collection, data analysis and reporting. The workshop will feature group exercises that move participants through the steps of an evaluation process. There will also be student discussion and exercises in addition to lecture.

To register, please contact Trey Lemley at (251) 460-6888 or lemley@southalabama.edu.

PubMed Commons

A pilot version of PubMed Commons has been released. This new service in PubMed allows researchers to post comments on PubMed abstracts. It is hoped this forum will encourage constructive criticism and quality discussions of scientific issues that will heighten understanding and provide new avenues of collaboration.

The service is currently in a closed pilot phase, but several organizations have provided lists of approved e-mail addresses of PubMed authors. Those on one of these lists can request an invitation to join PubMed Commons. You can find out if you are on one of these lists at the Join PubMed Commons page. Academic and research institutions can add to these lists, and existing members can invite other authors who are published in PubMed. You can read more about this in the FAQ for the service. Once you have an invitation to join, a My NCBI account is needed to participate. Once the user has logged into their My NCBI account and conducted a search on PubMed, there will be a link on each abstract view that allows the addition of a comment. Users can also read and reply to comments from other participants.

PubMed
US National Library of Medicine
National Institutes of Health

PubMed [Advanced] Search Help

Display Settings: Abstract Send to

Proc Natl Acad Sci U S A. 2006 Oct 24;103(43):15543-50. Epub 2006 Sep 20.

Gene set enrichment analysis: a knowledge-based approach for interpreting genome-wide expression profiles.

Subramanian A, Tamayo P, Mootha VK, Mukherjee S, Ebert DL, Gillette MA, Paulovich A, Pomeroy SL, Golub TR, Lander ES, Mesirov JP.
Broad Institute of Massachusetts Institute of Technology and Harvard, 220 Charles Street, Cambridge, MA 02141, USA.

Abstract
Although genomewide RNA expression analysis has become a routine tool in biomedical research, extracting biological insight from such information remains a major challenge. Here, we describe a powerful analytical method called Gene Set Enrichment Analysis (GSEA) for interpreting gene expression data. The method defines its power by focusing on gene sets, that is, groups of genes that share common biological function, chromosomal location, or regulation. We demonstrate how GSEA yields insights into several cancer-related data sets, including leukemias and lung cancer. Notably, where single-gene analysis finds little similarity between two independent studies of patient survival in lung cancer, GSEA reveals many biological pathways in common. The GSEA method is embodied in a freely available software package, together with an initial database of 1,325 biologically defined gene sets.

Comment in
Application of a priori established gene sets to discover biologically important differential expression in microarray data. [Proc Natl Acad Sci U S A. 2006]

PMID: 1698617 (PubMed - indexed for MEDLINE) PMID: 17022996 Free PMC Article

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2 comments

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Refael Tibshirani June 27 10:48 p.m. 1 of 1 people found this helpful

I agree with Rob that this is an important paper. The idea of analyzing differential expression for groups of genes, as opposed to individual genes, was an important step forward in the analysis of gene expression data. In one of the papers Rob links to we point out that the method would have worked just as well (or perhaps better) using simple (existing) statistical tests rather than the novel versions of the KS-test presented in the paper. Examples of some of these simpler tests are implemented in the Bioconductor limma package. The critique is not just about power, but about interpretability and ease of implementation. But these critiques should not take away from the important contribution made by this paper.

Reply Report Was this helpful? yes | no

Robert Tibshirani June 16 03:57 a.m. edited 1 of 1 people found this helpful

This is an important paper, one that introduced the idea of analyzing the differential expression of groups of genes, rather than individual genes. The advantage is both in power and interpretability. Importantly, this group has also created and curated an impressive collection of gene sets for this purpose. See <http://www.broadinstitute.org/gsea/index.jsp>

The particular test here- the KS statistic- has been criticized for lack of power and alternatives have been suggested (see eg <http://andy.org/cd/math/0610687.pdf> and <http://www.ncbi.nlm.nih.gov/pubmed/20048395>).

A response to the letter is in <http://www.ncbi.nlm.nih.gov/pubmed/23070692>

Reply Report Was this helpful? yes | no

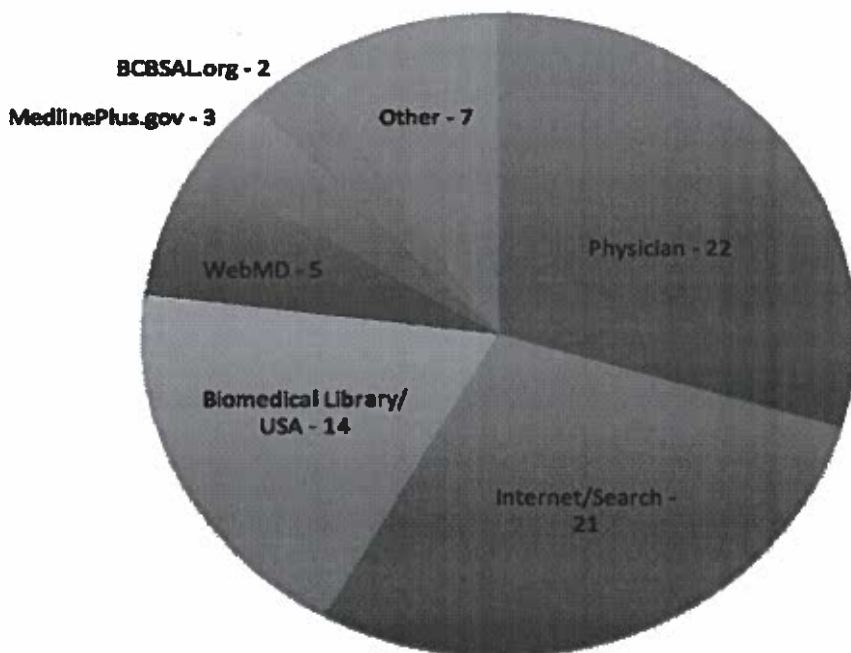
SciENcv: My NCBI's Curriculum Vitae Web App

SciENcv is a new feature in My NCBI that helps users create an online professional profile that can be made public to share with others. In SciENcv, users can document their education, employment, research activities, publications, honors, research grants, and other professional contributions. In addition, the SciENcv profile may include an ORCID® ID, when registered with ORCID (see our previous ORCID article). eRA Commons account holders who have linked their eRA account to My NCBI will find their SciENcv profile automatically populated with the information stored in their eRA Commons profile. The information transferred from eRA Commons to SciENcv profiles can be changed, hidden, augmented, or deleted.

The NLM Technical Bulletin has published instructions for creating a SciENcv professional profile.

Consumer Health Information Mini-Survey

At USA's annual health fair this year, we asked our visitors where they got their health information. Here are our results:



The population for our survey was USA employees, people who work all over campus in many different kinds of jobs from health care to grounds care. We were pretty unsurprised about the number of people using Google to find their health information, though we do try to communicate to our users about why it's important to evaluate health information on the open web. We were glad to see patients feeling comfortable asking questions of their health care providers, and that many use our resources. A few had gotten our information about our most trusted health information site for consumer health, MedlinePlus.gov.

Biomedical Library's Recommended Health Sources for Patients

MedlinePlus.gov - the National Institutes of Health's website for patients and their families and friends. Produced by the National Library of Medicine, it offers you information about diseases, conditions, and wellness issues in many languages and formats, including images and video tutorials.

FamilyDoctor.org - FamilyDoctor.org is provided by the American Academy of Family Physicians to provide scientifically accurate information from a family medicine perspective to improve the health of all individuals and communities.

NIH Senior Health - NIHSeniorHealth features authoritative and up-to-date aging-related health information from Institutes and Centers at NIH, making it easily accessible. In addition, the American Geriatrics Society provides expert and independent review of some of the material found on this Web site.

Alabama Health InfoNet - Health InfoNet offers the expertise of librarians all over Alabama ready to help you keep from drowning in a sea of health information while searching for just the information you need. Just call your local public library. No matter where you are, your local librarian is ready to help you with your health question, with backup help from the state medical libraries at the University of Alabama at Birmingham and the University of South Alabama. Or call 1-855-INFONET (1-855-463-6638) and you will be directed to your best source.

Bonnie Seibert Retires After 25 Years

(Bonnie Seibert, the Biomedical Library's long-time departmental secretary, retired on October 31st. A retirement party was held in her honor on November 1st at the Faculty Club. Please join her as she reminisces about her 25 years with the University of South Alabama.)

When I started work at the University of South Alabama in 1988, I was a single parent. I first started with the University Library and was promoted in 1989 to the Biomedical Library. At that time the library was on the 3rd floor of the University Library building. In 1992-93, the Biomedical Library moved to Alpha North which previously had been a dormitory for women. We have been here over 17 years and have been very blessed, catering to the needs of many students.

While working at South, I received my Associates of Arts degree at Phillips Junior College in 1998. It was a very difficult time in my life: working a full time job, taking care of my son Josh, and studying at night, but God got me through it all.

In 2003, under the direction of Tom Williams and Dr. Richard Wood, the Dean of the University Library, I was promoted to Secretary V. I give all credit to my God of Heaven and Earth for getting me through my life's struggles. God is the Promoter, so my advice, always have Him as your Guide and Leader.



Bonnie Seibert Retires After 25 Years (cont.)



On August 18, 2013, I reached my 25th year of service to both South Alabama libraries, receiving my 25th year Medallion on Oct 24, 2013 at the Mitchell Center. On Oct 31, 2013, I retired with much sadness. But I do look forward to becoming more involved in the prison ministry of my church, the ALL BY GRACE CHURCH, in Mississippi.

I cannot tell you how much I have loved my job. I am a "people" person. As a secretary, you meet all kinds of people from all walks of life. You deal with the outside public; you have good teamwork and cooperation; that is, you make teamwork. It's like being a "girl Friday." I order supplies and handle the maintenance work that needs to be done throughout our library. (Paperwork! It is so necessary to get things done.) I have enjoyed serving each faculty and staff member, and I love serving others, but it's time to pass the wand.

I have kept this in mind the 25 years I have worked for South Alabama. When you care for others; people see it and they respond to a more positive outlook in life. Has my life been perfect? No! But I can tell you it has been rewarding and a challenge.

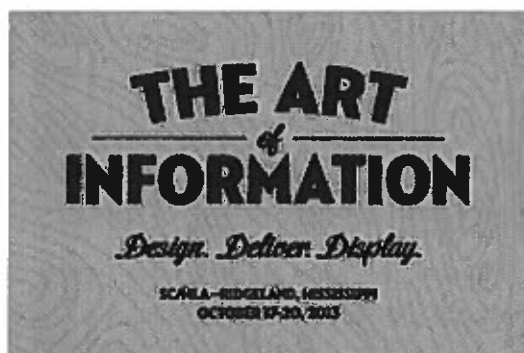
My advice: keep a friendly smile and mean what you say in your heart. Blessings will flow more than you can imagine.

Keep God in the Center of your life. You can't go wrong!

Sincerely,

Bonnie Seibert
Secretary, Baugh Biomedical Library

Librarians Present at Southern Chapter MLA Meeting



Several librarians from the Biomedical Library participated in the 2013 Annual Meeting of the Southern Chapter, Medical Library Association, held this past October in Ridgeland, Mississippi. The meeting, with the theme "The Art of Information: Design. Deliver. Display," attracted participants from 13 states and Puerto Rico, including our very own Judy Burnham, Trey Lemley, and Geneva Staggs.

In addition, Judy Burnham presented a poster she co-authored with faculty and students from the Department of Physical Therapy of the University of South Alabama. Entitled "Trends in Published Study-types in Core Physical Therapy Journals from 1992-2011," it was awarded third prize for research poster, out of 29 presented overall. In addition, two posters co-written by Andrea Wright were also displayed: "Emerging Technologies Help Bridge the Gap between Health Information & the Community" and "Identifying Barriers to Break Technological Boundaries: a Needs Assessment of Regional Medical Librarians." Finally, Trey Lemley presented a poster entitled "Background Noise Acceptance and Personality Factors Involved in Library Environment Choices by College Students," co-authored with Susan Gordon Hickey of the Department of Speech Pathology & Audiology of the University of South Alabama.

During the meeting, Judy Burnham issued an invitation to the Southern Chapter members to come to Mobile for the 2014 meeting.



Faculty Publications - September-November 2013

Abdel-Halim M, Keeton AB, Gurpinar E, Gary BD, Vogel SM, Engel M, et al. Trisubstituted and tetrasubstituted pyrazolines as a novel class of cell-growth inhibitors in tumor cells with wild type p53. *Bioorganic & Medicinal Chemistry*. 2013 Dec 1;21(23):7343–56.

Alzoubi A, Almalouf P, Toba M, O'Neill K, Qian X, Francis M, et al. TRPC4 inactivation confers a survival benefit in severe pulmonary arterial hypertension. *American Journal of Pathology*. 2013 Dec;183(6):[Article in press]. DOI: 10.1016/j.ajpath.2013.08.016

Awadallah FM, Piazza GA, Gary BD, Keeton AB, Canzoneri JC. Synthesis of some dihydropyrimidine-based compounds bearing pyrazoline moiety and evaluation of their antiproliferative activity. *European Journal of Medicinal Chemistry*. 2013 Dec;70:273–9.

Bailey SW, Ayling JE. Differential coulometric oxidation following post column-switching high pressure liquid chromatography for fluorescence measurement of unmetabolized folic acid in human plasma. *Journal of Chromatography A*. 2013 Nov 8;1315:86–91.

Buckner EB, Minchew LA, Elkins-Little E. 80 x 20: A call to action for Alabama nurses from the National Institute of Medicine (part 1). *The Alabama Nurse*. 2013 Nov;40(3):12–3.

Burtnick MN, Brett PJ. Burkholderia mallei and Burkholderia pseudomallei Cluster 1 Type VI Secretion System Gene Expression Is Negatively Regulated by Iron and Zinc. *PLoS ONE*. 2013;8(10):e76767.

Cáceres SB. Electronic health records: Beyond the digitization of medical files. *Clinics*. 2013;68(8):1077–8.

De Melo SW Jr, Bhore R, Rockey DC. Clinical judgment does not circumvent the need for diagnostic endoscopy in upper gastrointestinal hemorrhage. *Journal of Investigative Medicine*. 2013 Dec; 61(8):[Article in press].

Desai S, Ding M, Wang B, Lu Z, Zhao Q, Shaw K, et al. Tissue-specific isoform switch and DNA hypomethylation of the pyruvate kinase PKM gene in human cancers. *Oncotarget*. 2013;[Article in press].

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Fransson L, Franzén S, Rosengren V, Wolbert P, Sjöholm A, Ortsäter H. β -cell adaptation in a mouse model of glucocorticoid-induced metabolic syndrome. *Journal of Endocrinology*. 2013;219(3):231–41.

Gonzalez RP, Cummings GR, Baker JA, Frotan AM, Simmons JD, Brevard SB, et al. Prehospital clinical clearance of the cervical spine: A prospective study. The American Surgeon. 2013 Nov;79(11):1213-7.

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Heiss C, Burtnick MN, Roberts RA, Black I, Azadi P, Brett PJ. Revised structures for the predominant O-polysaccharides expressed by Burkholderia pseudomallei and Burkholderia mallei. Carbohydrate Research. 2013;381:6-11.

Hickey CJ, Kim J-H, Ahn E-YE. New discoveries of old SON: A link between RNA splicing and cancer. Journal of Cellular Biochemistry. 2013 Sep 12;[Article in press]. DOI: 10.1002/jcb.24672

Hill B, Kline J. Richard L. Wanlass: The neuropsychology toolkit: Guidelines, formats, and language. Journal of Child & Family Studies. 2013 Oct;22(7):1022-3.

Hill S, Kavookjian J, Qian J, Chung A, Vandewaa J. Effects of pill burden on discontinuation of the initial HAART regimen in minority female patients prescribed 1 pill/day versus any other pill burden. AIDS Care. 2013;[Article in press]. DOI: 10.1080/09540121.2013.844766

Intzes S, Kalpathi RV, Short R, Imran H. Pulmonary function abnormalities and asthma are prevalent in children with sickle cell disease and are associated with acute chest syndrome. Pediatric Hematology and Oncology. 2013;30(8):726-32.

Jones C, Kaffka J, Missanelli M, Dure L, Ness J, Funkhouser E, et al. Seizure occurrence following nonoptimal anticonvulsant medication management during the transition into the hospital. Journal of Child Neurology. 2013;28(10):1250-8.

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