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Director's Notes - January 2012

Merriam-Webster defines a specialist as "one who specializes in a particular occupation, practice, or branch of learning." There are many specialists in the health care field, including medical librarians. If you need assistance in finding information on a particular topic or would like a one-on-one consultation about our information resources, contact one of our reference librarians. If your students need to understand the process of locating valid, reliable health care information, contact Clista Clanton, our Education Librarian. We also are available for instruction on health literacy, specialized databases, social media, citation manager software, and using mobile technology to access resources. If you have a technology question, Andrea Wright, our Technology Librarian, is available for consultation. If you need consumer health resources, Geneva Staggs, Nancy Pugh and Heather Hoven at the Health Information Resource Center/USAMC are certified as Consumer Health Specialist and are available to help you.

Employees of the USA Biomedical Library specialize in different areas and are available to help meet your health care information needs. Give us a call!

Summary of Value of Library and Information Services in Patient Care Study

March-May 2011, the University of South Alabama Biomedical Library, along with 56 other health science libraries (representing 118 hospitals) participated in a survey-based study to determine the value of library and information services in patient care. Below is a summary of the results of that study.

Executive Summary
Data from USA participants was equivalent in most areas to that from the national data. USA data indicates that information made a difference in how a clinical situation was handled and had a positive effect on patient care. Data indicates the information was valuable and saved the clinician time and that adverse effects were avoided as a result of the information. Data indicates that the library/information resource is more important to physicians than discussion with colleagues or lab tests. Of the top five resources, the Biomedical Library provides access to three resources and the hospital provides access to the remaining two. Of the top ten resources listed, the Biomedical Library provides access to seven. Data indicates areas of educational need concerning other resources available from the Biomedical Library and also indicates the need for education on library web page vs search engine. The overall participation for USA was 10%, which was comparable to the national rate.
Patient Education Resources

The library provides access to several resources that contain patient education materials. Here are a few of those resources. For more contact Geneva Staggs at gstaggs@bbl.usouthal.edu

MD Consult

MD Consult is available from the library’s databases page. On the main MD Consult page click the Patient Education button and search for the needed topic. Search a condition using an A to Z index, search a medication, search by specialty area or search for Spanish materials. Materials are provided from these sources:

- American Academy of Family Physicians
- Ferri’s Netter Patient Advisor
- ExitCare®, LLC
- Elsevier Gold Standard

More than 15,000 patient education handouts that can be printed and distributed to patients are available.

Most are written at a 6th- to 8th-grade reading level and are 1 to 2 pages in length.

Spanish versions are available for more than 75% of topics.

Easily customizable, the handouts allow physicians to provide additional instructions and contact information on each handout.
The National Council on Patient Information and Education website offers links to the following resources, covering medicine issues that represent a majority of inquiries about prescription medications. Many sources are external websites; most are from the federal government.

- How To Talk About Prescriptions
- Information About Specific Medicines
- Wise Use of Non-Prescription Medicines
- Wise Use of Dietary and Herbal Supplements
- Purchasing Medicines on the Internet
- Flu and Immunizations
- Using Antibiotics Appropriately
- Prescription Assistance Programs
- Generic Drugs
- Reducing Medication Errors
- Safe Storage and Disposal of Medication

For nearly 30 years, NCPIE members have shared a belief that one of the best ways to achieve medicines' full value — whether they cost pennies per day, or thousands of dollars per month — is to enhance communication between patients and health care professionals about their safe, appropriate use. Another NCPIE building block is recognition that a patient (and caregivers) must embrace his or her own role as an essential player on their medicine education team. Challenges presented by health literacy skills and cultural competency may tempt some clinicians to dispense with such an inclusive approach; and all patients may, at times, choose to play a lesser role. Recognizing that effective communication is a continual rebalancing process — especially where health outcomes are at stake with most people taking medicines at home, without hands-on supervision by a clinician — is what drives NCPIE's momentum and messaging.
DynaMed is another tool available from the Biomedical Library databases page.

DynaMed™ is a clinical reference tool created by physicians for physicians and other health care professionals for use at the point-of-care. With clinically-organized summaries for more than 3,200 topics, DynaMed provides the latest content and resources with validity, relevance and convenience, making DynaMed an indispensable resource for answering most clinical questions during practice.

Updated daily, DynaMed editors monitor the content of over 500 medical journals on a daily basis. Each article is evaluated for clinical relevance and scientific validity. The new evidence is then integrated with existing content, and overall conclusions are changed as appropriate, representing a synthesis of the best available evidence. Through this process of Systematic Literature Surveillance, the best available evidence determines the content of DynaMed.

**Who Uses Dynamed**

DynaMed is used in hospitals, medical schools, residency programs, group practices and by individual clinicians supporting physicians, physician assistants, nurses, nurse practitioners, pharmacists, physical therapists, medical researchers, students, teachers and numerous other health care professionals at the point-of-care.

Patient information is a section of each clinical summary. This section of the summary offers links to quality handouts that can be printed and either provided to patients or used in patient education activities such as introducing a patient to a new medication.
Alternative Sources for Access Emergency Medicine

Due to the budget reduction for 2011-2012 and increased costs of resources, the Biomedical Library is not able to continue the subscription to Access Emergency Medicine. However, through other sources, we are able to provide access to most of the ebooks in Access Emergency Medicine. You may use our E-Book Search Options to search for the following books:

in R2 Digital Library

Alternative for **Emergency Medicine Procedures**

in MD Consult Core Collection

**Emergency radiology : case studies** (0-07-140917-3, 978-0-07-140917-9), Schwartz, David T.
in Ebrary Academic Complete Subscription Collection
in R2 Digital Library

in Ebrary Academic Complete Subscription Collection

**Fitzpatrick's color atlas and synopsis of clinical dermatology** (0-07-159975-4, 978-0-07-159975-7), 6th ed. / Wolf, Klaus.
in Access Medicine

**Atlas of pediatric emergency medicine** (0-07-138713-7, 978-0-07-138713-2), Shah, Binita R.
in Ebrary Academic Complete Subscription Collection

**Atlas of emergency medicine** (0-07-149618-1, 978-0-07-149618-6), 3rd ed. / Knoop, Kevin J.
in Access Medicine

**Tintinalli's emergency medicine : a comprehensive study guide** (0-07-148430-9, 978-0-07-148430-0), 7th ed. / Tintinalli, Judith E.
in Access Medicine
First Consult, a Point-of-Care Resource from MDConsult

As subscriber of MD Consult (Biomedical Library), First Consult mobile version, the clinical decision support resource, is available to any USA faculty/student as a part of the subscription. First Consult is an evidence-based medical information resource that delivers quick answers at the point-of-care on iPhone and iPad.

First Consult content is subject to rigorous oversight by expert peer reviewers, a renowned editorial board, physician editors, and the Editor-in-Chief, David Goldmann, MD, FACP. The collaborative editorial process results in each topic reviewed by a minimum of four physicians before publication. Continual updates, including reviews by practicing physicians who are specialists in their respective fields, ensure that the content is current and relevant to your practice.

To use First Consult on your iPhone/iPad, register a personal account at MD Consult and then download First Consult App at the iTune Store.

Electronic Books in Nursing Reference Center

There are 13 core nursing books in Nursing Reference Center. To access, go to Biomedical Library’s website at http://bl.southalabama.edu and click on Databases and then Nursing Reference Center. You may also access these books directly at:

- Diseases & Disorders: A Nursing Therapeutics Manual, 3rd edition
- Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests with Nursing Implications, 3rd edition
- Taber's Cyclopedic Medical Dictionary
- Davis's Drug Guide for Nurses
- AHFS Drug Information Essentials
- Assess Notes: Nursing Assessment & Diagnostic Reasoning
- Fundamental Aspects of Adult Nursing Procedures
- Fundamental Aspects of Caring for the Acutely Ill Adult
- Fundamental Aspects of Nursing Adults with Respiratory Disorders
- Nursing Diagnosis Manual Planning, Individualizing & Documenting Client Care, 3rd Edition
- PsychNotes: Clinical Pocket Guide, 2nd Edition
- Understanding Medical Surgical Nursing, 3rd Edition
National Center for Complementary and Alternative Medicine: Resources for Health Providers

According to a nationwide government survey released in December 2008, approximately 38 percent of U.S. adults aged 18 years and over and approximately 12 percent of children have used some form of complementary or alternative medicine (CAM). In 2007, this translated to $33.9 billion in out-of-pocket visits to CAM practitioners and purchases of CAM products, classes, and materials (Source: http://nccam.nih.gov/news/camstats/).

Given the growing popularity of CAM, a useful website for healthcare providers for evaluating the usefulness and safety of CAM approaches is the National Center for Complementary and Alternative Medicine’s Resources for Healthcare Providers (http://nccam.nih.gov/health/providers/). This site includes evidence-based resources such as research findings, practice guidelines, topic summaries, and printable patient education fact sheets on a variety of CAM practices. For practitioners who want to learn more about CAM, free CME/CEU video lectures are also available.
DynaMed & Faculty of 1000 Partner to Identify Practice-Changing Medical Research

A recent partnership between Faculty of 1000 (F1000) and DynaMed will now better serve the needs of medical professionals looking for rapid access to the best available medical evidence.

The partnership expands the DynaMed community to more than 4,000 medical experts adding to the already extensive coverage of specialties in the point-of-care clinical reference tool. The partnership also leverages the expertise of DynaMed and F1000 in assessing the latest medical evidence to highlight research that changes the practice of medicine.

Please note, while the F1000 content is not included in DynaMed, users will benefit from this partnership by the expertise of F1000 researchers and clinicians. These experts select and evaluate the best articles in their chosen specialties, emphasizing the key findings and placing the work in context; essentially providing post-publication peer-review. In addition to writing evaluations of important articles, Faculty Members also assign classifications, where relevant, that further identify key features of the articles selected. Articles classified as “Changes Clinical Practice” identify research papers that have the immediate potential to change the practice of medicine. F1000’s ability to immediately assess and update a clinical topic with the best available evidence complements DynaMed, which is updated daily.

About DynaMed:

DynaMed is a clinical reference tool created by physicians for physicians and other healthcare professionals for use primarily at the ‘point-of-care’ with clinically-organized summaries for more than 3,200 topics. DynaMed is updated daily and monitors the content of over 500 medical journals as well as numerous sources for guidelines, systematic reviews and alerts affecting medical practice.

About Faculty of 1000:

F1000 is an online service that identifies important articles based on the opinions of global leaders in biology and medicine who make up the F1000 Faculty—an international network of 10,000 experts of which over 2,200 are practicing clinicians. These researchers and clinicians select and evaluate the best articles in their chosen specialties, emphasizing the key findings and placing the work in context; essentially providing post-publication peer-review. More than 110,000 article evaluations across medicine and biology from more than 3,500 peer-reviewed journals have been published by F1000 to date.
NIH Image Bank

The NIH Image Bank contains images from the collections of the 27 institutes and centers that comprise the National Institutes of Health. Contents include general biomedical and science-related images, clinicians, computers, patient care-related images, microscopy images, and various exterior images. You may browse the images by category or by institute.

Stem cells

Institute: ()
Category: Laboratory Research
Description: When stem cells like these human embryonic stem cells divide, each new cell has the potential to remain a stem cell or become a cell with a more specialized function, such as a muscle cell or a red blood cell.

» Download Low Resolution (72dpi)
» Download Original Image

NIH Copyright Notice

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Images on MD Consult

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MD Consult's Images Can Be Searched by:

- Searching images from the images home page.

- Searching only images from any Navigation Bar search text box.

- Searching All Sections from the Home Page.

- Searching All Sections from any Navigation Bar search text box.

To Search Images From the Images Home Page:

1. Click the Images link in the Navigation Bar.
   - The search field defaults to Images.

2. Enter your search term in the For text box.

3. Click the Search button.

Search Results for Images

Image search results display thumbnails of the images. You can select just one to view the full-size image, or you can select up to 4 images to compare. The images include the captions and copyright information.
To View Image Search Results:
1. Perform an Image search.
   - The search results page will display thumbnails, a snippet of each caption, and the source book titles.
   - The number of items found will display at the top.
2. Click an image thumbnail.
   - The full-size image will be displayed.

To Compare Images From Search Results:
1. Perform an Image search.
2. Select the check box at the left of the thumbnails.
   - You can compare up to 4 images at one time.
   - The number of images you have selected is displayed at the top of the search results.
   - You can select images from more than one search results page by selecting an image, moving to the next results page(s) and selecting more images.
3. Click the Compare link at the top of the search results.
   - The selected images will be displayed in a new window.
   - To read the complete caption with the image, use the scroll bar by each image.
Biomedical Library Christmas Outreach Project

As their Christmas Outreach project, the employees of the USA Biomedical Library collected books for the USA Children's Medical Center Reach Out and Read Program. The Biomedical Library employees recognize the importance of reading to the future success of individuals. In acknowledging the gift, Dr. Cindy Sheets, the Reach Out and Read Program Director, noted that the goal of the program is to encourage better childhood literacy in children who may be disadvantaged by being in low income families. The Biomedical Library will hold a book drive for this program during National Library Week in April and will encourage all across campus to contribute their favorite book to Reach Out and Read.

Biomedical Library Employee News

Marian Lee will be retiring at the end of January. She began working at the USA Biomedical Library in 1998 with time spent at the Medical Center Library and the Children's and Women's Hospital Library. She currently helps USA faculty, staff and students locate resources via interlibrary loan. Her retirement plans include lots of relaxation. The Biomedical Library employees wish her the best in her retirement.

As noted in the last issue of Biofeedback, the Children's and Women's Hospital Library is no longer staffed and Nicole Telhiard and Belinda DiSario have transferred to the Baugh/Campus Biomedical Library. Belinda is working in the interlibrary loan and reference departments and is staffing the library in the evening. Nicole is processing requests in the interlibrary loan department.

Longtime employee, Loretta Johnson, passed away in December 2011. Loretta had worked for the Biomedical Library for 25 years both at the Medical Center Library and at the Baugh/Campus site. Throughout the years, Loretta touched the lives of not only the faculty and staff that she assisted, but also the students. Her presence will be missed by all.
AIDSinfo Redesign

AIDSinfo, an HIV/AIDS resource from the Department of Health and Human Services and National Library of Medicine, along with its Spanish-language version infoSIDA, received a redesign last month in time for World AIDS Day. The information contained in the site was reorganized into six categories, including two new areas for educational materials and mobile resources, and the navigation was improved to make all parts of the site more easily reached from the front page. AIDSinfo and its sister-site infoSIDA both feature information about accepted guidelines for HIV/AIDS-related conditions, clinical trials, information about HIV/AIDS-related drugs, and educational materials. The sites provide information for all reading and expertise levels from children, to the general public, to physicians and other healthcare providers. LiveChat is available during the week for assistance finding the information that users need when they need it. Mobile resources have also recently been made available, and the mobile version of the site is located at http://m.aidsinfo.nih.gov/.
NLM Gateway Changes

[Editor’s note: The transition of the NLM Gateway at http://gateway.nlm.nih.gov was completed on December 7, 2011.]

On December 7, 2011, the Lister Hill National Center for Biomedical Communications (LHNCBC) completed the transition of the NLM® Gateway to the new LHNCBC pilot project. The new site retained the Web address of the former NLM Gateway. It includes two databases: Meeting Abstracts and Health Services Research Projects in Progress (HSRProj). HSRProj also remains available via a separate search engine through the portal HSR Information Central.

The Meeting Abstracts database contains abstracts from HIV/AIDS, Health Services Research, and Space Life Sciences meetings and conferences. The final update to the Meeting Abstracts database is the addition of the abstracts from the 2010 18th International AIDS Conference which was completed in December 2011. After this addition, no new meeting abstract data will be loaded.

For additional information on the transition to the pilot project, see the article NLM Gateway Transitioning to New Pilot Project Site.

By Andrea Demsey
MEDLARS Management Section

This article was originally published in the NLM Technical Bulletin

Medline Plus Launches New Auto-Complete Feature

A new auto-complete feature has recently been added to the search box of Medline plus to aid patrons in their searching experience. Considering that Medline Plus is aimed at the non-professional, this new feature should offer some useful guidance with suggesting other relevant and related search terms. These additional phrases/terms initially appear and update as the user is entering the letters of his search terms. Please see the example in the red box in the graphic below. In order to to keep things manageable, the feature limits suggestions to 5 terms/phrases per search term. Auto-complete is also available on MedlinePlus en español and the main NLM website.

Fletcher Bowling

Faculty Publications October - December 2011


Broome B. We rise...in the face of adversity. Journal of Cultural Diversity 2011 Fall;18(3):70.


Darbin O. The aging striatal dopamine function. Parkinsonism & Related Disorders 2012;[Article in press].


Gonzalez RP, Cummings GR, Harlan SM, Mulekar MS, Rodning CB. **EMS relocation in a rural area using a geographic information system can improve response time to motor vehicle crashes.** The Journal of Trauma 2011 Oct;71(4):1023-1026.

Harris LG, Pannell LK, Singh S, Samant RS, Shevde LA. **Increased vascularity and spontaneous metastasis of breast cancer by hedgehog signaling mediated upregulation of cyr61.** Oncogene 2011 Nov;[Article in press].


Kaur G, Singh TP, Malik RK, Bhardwaj A, De S. **Antibacterial efficacy of nisin, pediciocin 34 and enterocin FH99 against L. monocytogenes, E. faecium and E. faecalis and bacteriocin cross resistance and antibiotic susceptibility of their bacteriocin resistant variants.** Journal of Food Science and Technology 2011;[Article in Press].


Rutecki G. Women are strong but not invincible: Updates to women’s health. Consultant 2011;51(9):593.


