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The Upper Corner

May 1st marks the end and beginning of our fiscal years. With our first contract year behind us, here's an update on the year we had and what to expect in the coming year.

The Previous Year

A quick review of the numbers:

Number of instructional sessions for PubMed, MedlinePlus, TOXNET, LinkOut, DOCLINE, Technology, Public Health and Consumer Health topics: **99**

Number of instructional activities conducted remotely (Distance Education): **24**

Number of participants at instructional sessions: **1,288**

Funded projects for Outreach, Library Improvement, and Internet Connectivity: **7** (some still pending completion of paperwork)

Michelle Eberle and our fellow NN/LM coordinators throughout the country have rolled out an array of **distance-based courses**. The courses use Moodle as an asynchronous web-based delivery system where instructors guide participants through the course topics. Michelle's *Caring for the Mind* course was offered this winter and spring. We will be promoting these courses as they become available throughout the network. See a list of classes at the National Training Center and Clearinghouse website at <http://nmlm.gov/ntcc/ch/browse.html?FormatID=16#results>.

We are proud to announce that **two funded projects** have begun their work:

The Gale Medical Library at Littleton Regional Hospital will provide outreach to underserved clinical practices sites in northern New Hampshire through the *Northern New Hampshire Health Information Outreach* project. Practice sites currently do not have convenient (if any) access to health sciences library services. The primary goal of this project is to ensure that Health professionals at rural health care facilities in the northern New Hampshire have regular

access to health information resources in order to provide high quality care.

The Worcester Campus of the Massachusetts College of Pharmacy and Health Sciences will conduct a library and science related curriculum for 6th grade students. The goal of the *Kids to College through the Library* project is to introduce 6th graders to the role of libraries in higher education, educate students about lead poisoning, and to improve students' ability to find, use, and apply quality health information. The project involves the collaboration of key institutions and their libraries in the city of Worcester.

You'll read about the latest resources developed by the Hospital Library Subcommittee in this issue: <http://nmlm.gov/ner/newsletter/26/illadvised26.html#hosplibraries>.

The Year Ahead

Nothing beats face-to-face training with skilled instructors and motivated participants actively engaged in learning. That will continue. We also expect to continue using Moodle and traditional distance based delivery systems (i.e., telephone) to deliver instruction throughout the region. We are also excited about using Adobe Connect Professional (ACP). We have begun to work with this format and we expect to explore new and interesting ways of delivering **web-based real-time instruction** to network members. We will also be exploring ways of using ACP to conduct our RAC and related work group meetings.

A national collaboration working group of RML staff have been putting together a framework for action to promote **emergency preparedness planning** throughout the membership. We expect the work of this group to be completed in the coming months after which NER will assemble members in the region to develop a regional approach to promoting emergency preparedness.

Our Hospital Library Subcommittee will build on their growing list of accomplishments and continue its work to strengthen our hospital libraries.

As we head to a midpoint in our contract period NER will be conducting assessments of all program areas. We will ask Regional Advisory Committee (RAC) participants and network members to help us gather feedback and help us think about the future directions of our programs.

In the coming months we will be announcing our calls for participation for awards and our competitive outreach subcontracts. By the end of our second fiscal year, we should be on course to have seven active outreach projects throughout the region.

Yes, it's another busy year ahead.

Javier

Javier Crespo, Associate Director

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MedlinePlus.gov – New Look!

In late March, the health topics pages on MedlinePlus.gov got a new look.



These changes include:

- A photograph or illustration on each page
- A brief summary of each condition at the top of the page. (Approximately 50% of the English Health Topics pages include the brief summary. Eventually all of the English and Spanish Health Topic pages will include this information.)
- Synonyms appear right under the health topic name
- A new category, labeled Start Here, will link users to overviews and important information for first-time visitors
- A centrally located Table of Contents will divide the MedlinePlus.gov categories into six boxes to show users everything on the page at a glance

The brief summaries were composed by experienced medical writers and reviewed by NLM staff. The summaries are based largely on NIH and other government information. They are written at an easy to read level and include links to related topics. Summaries appear on about half of the English pages. All English and Spanish pages will have a summary in the near future.

NLM encourages your comments and suggestions about MedlinePlus.gov.

Health Literacy: New Fields, New Opportunities



Announcing a new health literacy tutorial funded by the NNLM-New England Region:

Health Literacy: New Fields, New Opportunities

<http://www.healthliteracy.worlded.org/docs/tutorial/SWF/flashcheck/main.htm>

Includes sections on:

- Health literacy challenge
- Who are the health literacy practitioners

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CHIC Chat:

Consumer Health Information Coordinator Chat

Survival Spanish for English Speaking Librarians

By Michelle Eberle, Consumer Health Information Coordinator

The scenario is familiar. A patron walks into your library and starts speaking a foreign language. Let's say it's Spanish. How do you handle this? Do you have some basic skills to get the information needed even if it's not a literature search but just a patient looking for directions to the Blood Laboratory.

This column provides an introduction to "survival" Spanish with a step by step approach to "get by" in such situations.

Step one: Expand your vocabulary

Section 1: For librarians with little or no knowledge of Spanish

Learn key phrases. If you have no knowledge of the Spanish language, finding someone who is fluent is the best thing you can do. (You will find a pronunciation key in the class handout listed at the end of this article.)

Espere un momento, por favor.

Wait a minute, please.

Voy a traer a alguien que habla español.

I will get someone who speaks Spanish.

Lo siento, no hablo español. ¿Habla usted inglés?

I'm sorry, I don't speak Spanish. Do you speak English?

Section 2: For librarians with basic working knowledge of Spanish

Expand your knowledge of library, medical and technology Spanish vocabulary.

Spanish for Librarians – An Introduction

<http://www.reforma.org/SpanishforLibrarians.pdf>

This PDF was created for a program for public librarians in North Carolina in 2002. The resource contains everything from numbers to conversational Spanish and conjugations. The PDF is not the best visual quality, but the

information is great. Check it out!

Polyglot – Multimedia Spanish and English Medical Translator

<http://polyglot.topsailmultimedia.com/polyglot.html> Do you want to provide your hospital staff with key Spanish phrases? Polyglot includes a phrase book and conversations for medical professionals including audio. Learn conversations for emergency services adult triage, conversations of the nurse and more.

Spanish Flashcards

<http://www.flashcardexchange.com/tag/nnlm>

Do you have fond memories of quizzing yourself with index cards to prepare for exams? If yes, this is the site for you. The site has over 749,000 flashcards from 26 languages with 14 different main categories of words including science and medicine. The flashcards are created by the Internet community. You can even add your own flashcards and share them with others. One of my favorite parts of the site is the “Memory” game you can play to practice your vocabulary.

Step 2: Practice, practice, practice...

Get on the Spanish news mailing list for MedlinePlus.gov to keep up your vocabulary. The sign-up page for the Spanish list is in English.

Use MedlinePlus.gov’s Interactive Health Tutorials in Spanish to improve your vocabulary and listening skills.

Step 3: Need Spanish Health Information Resources?

Your best bet – try a site that has parallel translation.

MedlinePlus.gov

<http://medlineplus.gov>

National Library of Medicine’s consumer health resource. The medical encyclopedia, interactive health tutorials, drug information and herbal supplement information are exact translations. Toggle from anywhere on the site to Español.

Cancer.gov

<http://www.cancer.gov/espanol/>

The National Cancer Institutes comprehensive cancer information database (PDQ). Includes information on treatment by stage and coping resources

Familydoctor.org

<http://familydoctor.org/spanish.xml>

From the American Academy of Family Physicians, user friendly health information

FirstGov.gov en español – salud y seguridad

<http://www.firstgov.gov/Espanol/Topics/Salud.shtml>

Health and safety websites from the federal government

PubMed.gov

<http://pubmed.gov>

To see citations in Spanish click on: Limits | Language | Spanish

Step 4: Need to go beyond familiar sites?

Learn tips to evaluate Spanish health information on the Internet

Examine the "ABCs"...

Accuracy — Authority — Bias – Currency — Coverage — And, user friendliness

Look for cognates, or words that are similar between English and Spanish.

Look for these words to identify an "About Us" page:

- Sobre nos
- Sobre
- Acerca de nos
- ¿Quienes Somos?
- Acerca de Name of Organization

Use one of these tools to 'translate' the "About Us" section: Babelfish and Google Translate

<http://babel.altavista.com/>

http://translate.google.com/translate_t

Note: These tools are helpful but not reliable. You can get a better idea about the page. Use them to translate a word, a sentence or paragraph, or an entire site.

Look for these words to check currency:

- Fecha – date
- Actualizado – updated
- Modificado – modified

Remember that dates are displayed day.month.year

Want to explore this in more depth?

Check out MedlinePlus.gov topic Evaluating Health Information (also in Spanish). <http://www.nlm.nih.gov/medlineplus/evaluatinghealthinformation.html>

Step 5: Better with written Spanish than spoken word?

Ask this...

¿Favor de escribir su pregunta aquí?

Would you please write down your question here?

Buena suerte

For more information:

¿No Comprende? Spanish Health Information Resources for English Speaking Librarians Class Handout
(Author: Becky Hebert / Editors: Kay Deeney; Sheila Snow Croft)

<http://nnlm.gov/training/nocomprende/NoComprende.pdf>

¿No Comprende? Spanish Health Information Resources for English Speaking Librarians Class Links

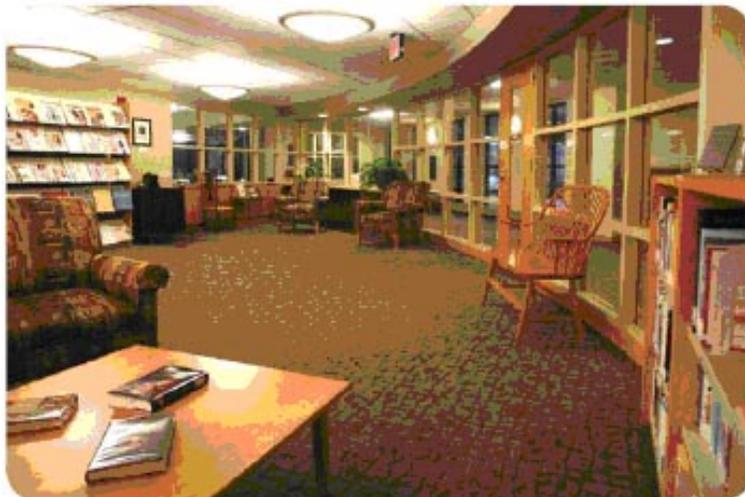
<http://nnlm.gov/training/nocomprende/nocomprendedesc.html>

Consumer Health Library Profile

The Ben Franklin Center Library and Community Outreach

By Emily Scribner

Franklin Memorial Hospital's library has traditionally welcomed members of the community as well as the organization's own staff. In 2003, the hospital added a new wing with conference rooms for community as well as staff educational programs and meetings. At that time the library was relocated near the main entrance to the hospital and the conference center, conveniently accessible and very visible. The space was planned to meet the needs of both the hospital's professional staff and the public. The library was renamed the Ben Franklin Center Library to reflect its connection to the conference center and to sound inviting.



After the library moved to its new location, use by the general public increased slightly. It was felt that the time was ripe for making a concerted effort to raise awareness of the library throughout the community. Funding was sought from the National Network of Libraries of Medicine's New England Region and a subcontract was awarded for outreach. The Outreach Project was carried out from July 2005 through April 2006.

The project reached out to three populations: public librarians, health care providers outside the hospital, and members of the community. In addition to promoting the library, the librarians provided training on finding reliable and appropriate health information, emphasizing MedlinePlus. Programs on specific health topics were offered to the public at the hospital and the librarians went out into the community to deliver presentations to outside groups.

One example of the programs offered at the hospital for the community was "Tips and Tools for Finding Information to Help Your Special Needs Child." For health care providers from within the hospital and outside, Michelle Eberle, the NNLM/NER's Consumer Health Information Coordinator, came from Massachusetts to speak on complementary and alternative medicine information resources. Visits made by the librarian to area public libraries provided demonstrations of MedlinePlus and other reliable online resources. Presentations tailored for each individual group were given to staff of nursing homes, a home health agency, and social services organizations. The librarian also attended meetings of civic groups, including a PTA and Seniors Plus.

Although attendance at most gatherings was small in number, feedback indicated that the value to participants was great. Evaluations were done by participants at the end of most events and follow up surveys were also sent to the public libraries. Perhaps most significantly, people from all the target populations who participated in the events have come to the library subsequently to ask for help researching questions of personal interest. Use by unaffiliated members of the community had been tracked before the outreach began and has continued to be counted on an ongoing basis. In 2004 approximately 20% of all reference questions handled came from unaffiliated community patrons; in 2006 it was over 30%.

In addition to offering educational presentations, the librarians joined the local community health education organization, the Healthy Community Coalition, when they offered health screenings and services at locations across the service area. A librarian would take a laptop and a few basic consumer health reference books and offer to find information while people waited to get their blood pressure or cholesterol checked.

In order to make the library more accessible to working people and students, Saturday hours were added to the regular weekdays.

The outreach subcontract provided the funding and the impetus to begin doing outreach work which has been continued. The librarians learned that they are able to reach people best by going out to them at their regular meeting places; they hope to continue doing that as opportunities arise. The Hospital administration is supporting the continuation of "road trips" with the Healthy Community Coalition and the Saturday hours. The librarians are grateful to the National Library of Medicine and the New England Region of the National Network for Libraries of Medicine for giving them the initial push into the community and to the hospital's support for continuing that effort.



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ANNOUNCING RELEASE OF DOCLINE 3.1

DOCLINE® Version 3.1 Release Notes (April 26, 2007)

Institutions

- *DOCLINE Options:* Added ability to edit mail delivery options. Libraries can now indicate that they will not provide delivery via Mail for copy requests.

Important! Borrowers are reminded to review their Borrowing Preferences to ensure optimal routing (Institutions / Update / DOCLINE Options). When requesting electronic delivery, borrowers should select their actual preferred delivery method (rather than "Mail") and rely on the Comments field to indicate their preference for electronic delivery. Borrowers should be prepared for their lenders to cease offering mail delivery.

Requests

- **Borrow:** Removed alert message when the borrower does **not** report owning the title being requested in DOCLINE serial holdings.
- **Lend:** Added ability to view and print a request receipt in Single Lend, once a request number is selected.
- **Lend:** In Batch Lend, requests processed will be displayed on the DOCLINE Requests Updated page in the order entered to make data entry verification easier.
- **Reports:** Added library groups to the display of 1-7 Report – "Library Routing Table and M/A/N Map cells containing my LIBID". This report now displays the number of libraries putting one of your library groups in their routing table, in addition to which routing table cell.

Serial Holdings

- **Reports:** Moved "Union Lists" and other special reports generated by NLM under the header Other Reports.

For Regional Medical Libraries

- **User Accounts:** Modified user account creation and maintenance.

Help

- Help screens were added or modified for all new features or changes to DOCLINE 3.1.



The Hospital Library Subcommittee (RAC-NER) Provides Web Links to Completed Toolkits

The Hospital Library Subcommittee has completed its work on two major projects: the **Hospital Librarian Orientation Toolkit** and the **Hospital Library Promotional Toolkit**.

The tools considered for this Orientation Toolkit meet two objectives:

1. To provide information on library networking resources:

- Fact sheets and brochures from:
 - MLA (Medical Library Association application)
 - NN/LM NER (regional medical library)
 - NAHSL (regional chapter for MLA)
 - various state/local health sciences library groups
- Education & training opportunities
- Professional discussion lists (listservs)

2. To advance the growth and development of hospital librarians:

- The role of a professional librarian
- Goals and principles for a health sciences librarian
- The 2002 MLA standards for hospital libraries (revised 2004)
- A bibliography geared for the new health science librarian
- List of regional library acronyms

The tools considered for the Hospital Library Promotional Toolkit meet three objectives:

1. To assist hospital librarians in their performance and reporting of services to management:

- Sample Mission Statements
- Sample Goals & Objectives
- Tips for Preparing an Annual Report
- Sample Annual Report
- Library Statistics and How to Report Library Activities
- Library Use Value Calculator
- List of Suggestions for Expanding Use of Library Services
- Library Scope of Service Checklist

2. To help hospital libraries focus on promotion and marketing to meet specific educational needs of their institution:

- Sample Mission Statements
- Sample Goals & Objectives
- Research/Literature Search Request Form
- Foot Traffic/Door Count/Library Activities Form
- List of Suggestions for Expanding Use of Library Services
- Library Scope of Service Checklist

3. To advance the growth and development of the professional hospital librarian:

- List of Suggestions for Expanding Use of Library Services
- Library Scope of Service Checklist
- Selected Bibliography on Promoting Hospital Librarianship

Tools and individual components of the two toolkits may be found on the NER website:
http://nmlm.gov/ner/services/hosp_lib_toolkits.html

We hope that hospital librarians and libraries benefit from the tools listed, either through adoption and/or adaption.

Please direct questions to: mark.goldstein@umassmed.edu



Having some ...



The NER now offers advocacy services for hospital libraries

Expecting a reduction in staff, hours, services, or space?	Y / N ?
Organizing a move of the library within your institution?	Y / N ?
Leaving the library (for a new job, retirement, etc.), yet hoping the institution will hire a suitable replacement?	Y / N ?
Just got word that your institution (and library) will be going through a consolidation or merger?	Y / N ?
Are rumors circulating about the possible elimination of the library function?	Y / N ?
Has your institution announced that it's closing its doors?	Y / N ?
Arriving to your institution as the new librarian?	Y / N ?

If you responded in the affirmative to any of these questions, contact Mark (508-856-5964; mark.goldstein@umassmed.ed) for a consultation over what the NER can provide you in the way of an appropriately measured response.



Welcoming the NER's **Newest** Members

AIDS Action Committee of Mass. <i>Boston, MA</i>	MAULIL
Bethel Public Library <i>Bethel, CT</i>	CTULHV
Birthwise Midwifery School <i>Bridgton, ME</i>	MEULGW
Fletcher Allen Health Care <i>Burlington, VT</i>	VTULHR
Intercoast Career Institute <i>South Portland, ME</i>	MEULKD
Russell Library <i>Middletown, CT</i>	CTULHT



Help? Advice? Questions?

Contact Mark: 508-856-5964

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Helping you find and use the best evidence

Evidence-Based Practice for Public Health

Update on the Evidence-Based Practice for Public Health Website

The Evidence-Based Practice for Public Health website, <http://library.umassmed.edu/ebpph>, is being transformed from a research project website to an online portal of evidence-based public health (EBPH) resources. The newly designed website is an outcome of the Evidence-Based Practice for Public Health (EBPPH) project based at the Lamar Soutter Library, University of Massachusetts Medical School. One of the project's main outcomes was a research study that investigated the information needs of public health professionals. Through focus groups and interviews, we found that public health professionals want single portal access to credible public health information, particularly to systematic reviews and evidence-based guidelines. The participants also stated that it was often difficult to know where to search for information and how to formulate a search strategy to get quality results. Many were not aware of EBPH resources currently available for public health practice. The newly designed EBPPH website is an attempt to meet the information needs of public health workers and create an online tool for easy access to EBPH resources.

The screenshot shows the website's main page. At the top, it features the same header as above: "Helping you find and use the best evidence" and "Evidence-Based Practice for Public Health". On the right, there is a date "Wednesday, May 9, 2007" and a "Google Custom Search" box. The main content is divided into two columns. The left column, titled "The Pathway to Evidence-Based Resources", contains a vertical arrow pointing downwards next to four categories: "Evidence-Based Guidelines", "Systematic Reviews", "Pre-Formulated and Filtered Searches of Published Studies", and "Best Practices". Each category has a brief description. Below this is a section for "Other Resources" with links to "Public Health Journals", "Public Health Databases", and "Knowledge Domains of Public Health". The right column, titled "About Evidence-Based Practice for Public Health", contains a paragraph explaining the website's purpose and a "Learn more..." link. At the bottom of the right column are logos for "Lamar Soutter Library" (UMASS Medical School), "NLM National Network of Libraries of Medicine New England Region", and "Partners in Information Access for the Public Health Workforce".

With so many excellent resources out there, it's often hard to know where to start searching, especially when free time is not in great abundance. To help with the search process we arranged selected resources along a pathway of evidence to allow public health practitioners to easily find and use the best evidence to develop and implement effective interventions, programs, and policies. The [Evidence-Based Pathway](#) links to [Evidence-Based Guidelines](#), [Systematic Reviews](#), [Filtered Searches of the Literature](#), and to [Best Practices in Public Health](#).

The Pathway to Evidence-Based Resources



Evidence-Based Guidelines

Evidence-based guidelines based on a systematic review of the research literature. The guidelines provide summaries of evidence and recommendations for practice from government agencies, professional organizations, and convening expert panels.

Systematic Reviews

Systematic reviews and meta-analyses of the literature that use specific methods and criteria to locate, appraise, and synthesize the evidence from research studies. The reviews uncover the strengths and weaknesses of the evidence and identify gaps in current research.

Pre-Formulated and Filtered Searches of Published Studies

Specialized searches of PubMed/MEDLINE on specific public health topics or limited to studies that correspond to a specific research category.

Best Practices

Public health programs, interventions, and policies that through experience have been evaluated, shown to be successful, and have the potential to be adapted and transformed by others working in the same field.

Users can also find the evidence by searching across all EBPH resources by using the new Google custom search tool.

Search

Evidence-Based Practice for Public Health Web Search

Another finding from the research study is that public health practitioners want access to *FREE* resources. The selected EBPH resources are all available for free online access. We have also provided links to free public health journals and bibliographic databases.

Public Health Journals

[Free Public Health Online Journals](#) → *FREE!*

Browse by title: [All Titles](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#)

Browse by knowledge domain:

[Public Health Knowledge Domains and Associated Journals](#)

[Top 25 Public Health Journals by Impact Factor](#)

Public Health Databases

[Free Public Health Databases](#) → *FREE!*

Browse by title: [ALL TITLES](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#)

There is much work still to be done on the website. Future work includes:

- Review current resources on the site: Do they meet our selection criteria? Are they still being kept up-to-date? Are

the descriptions accurate?

- Review and reorganize material from the original research project's website and decide if to keep or to mothball.
- Create a section for learning more about EBPH and finding and appraising resources.
- Identify, review, and provide access to additional EBPH resources and public health journals and databases.
- Classify subject-specific resources by **knowledge domain of public health**.
- Consider other sources of "evidence" further down the pathway – i.e. surveillance data, grey literature, policy statements, conference proceedings, and emerging new information.
- Evaluate the overall look and feel of site: Is the content useful? Is the site user friendly? Is it well organized? Is it visually attractive? Ideas for improvement?

Yours truly, Hathy Simpson, NER Public Health Coordinator, is taking on the main responsibility of the EBPPH website redesign, with a bit of help from my friends. I would love your input, ideas, and inspiration! If you have any questions or comments about the site or public health outreach in the New England Region, please contact me at Hathy.Simpson@umassmed.edu or 508-856-2085.

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Particulars

Boolean Connectors

The rule of thumb in teaching PubMed has always been to teach people to capitalize the Boolean operators (AND, OR, NOT).

But, something interesting happened to me lately. Has this ever happened to you? You're teaching a PubMed class and in order to impress upon your students the necessity of capitalizing the Boolean connectors, you do a search such as this one:

Nucleotide	Protein	Genome	Structure	OMIM
<input type="text" value="brain concussion AND (hockey OR wrestling)"/>				
		<input type="button" value="Go"/>	<input type="button" value="Clear"/>	Save Search

And then, you compare the number of items retrieved from that first search to this search with the Boolean operators in lower case:

Nucleotide	Protein	Genome	Structure	OMIM
<input type="text" value="brain concussion and (hockey or wrestling)"/>				
		<input type="button" value="Go"/>	<input type="button" value="Clear"/>	Save Search

And then you stand there, completely surprised by the results. (Which is yet another reminder that you should check all your sample searches before you use them in class.)

On the day this was written, here's what happened with both of those searches:

Search	Most Recent Queries	Time	Result
#7	Search brain concussion and (hockey or wrestling)	10:56:44	49
#6	Search brain concussion AND (hockey OR wrestling)	10:54:15	49

Both searches retrieved the same number of items. And not just the same number of items, the two searches retrieved the exact same citations.

So, what gives? Do we not have to capitalize Boolean operators in PubMed? Are we finally freed from the tyranny of having to put the caps lock on?

Whoa, there. Let's not jump to conclusions.

Just because the lower case Boolean operators work in one search situation does not automatically mean they will work equally well in all search situations.

The National Library of Medicine has been working on resolving this issue and, as you can see, in some cases it's apparently true that it does not matter whether you use capital letters or lower case letters for those three little words.

However, NLM assures me that there are situations where lower case Boolean operators do not work properly. Personally, I haven't come across any, so I have no examples to share with you. But, I believe them when they tell me this because I'm sure they would be just thrilled to be able to tell folks they no longer have to worry about using upper case letters for Boolean operators.

So, where does this leave us?

It is recommended that we continue to teach people to use caps for connecting words. Big letters for Booleans, please.

Do not change your instruction until you get a clear indication from NLM that lower case Boolean operators work all the time, in all search situations.

And then, perhaps, we can rest a bit easier knowing that when our learners forget what we've taught them, there is a high probability that they will get useful results anyway.

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Tech Time

Reminder—Watch Your Cache

As described in a previous Tech Time article, available at <http://nnlm.gov/ner/newsletter/19/techtimes19.html#cachem>, Web pages and files are stored in the Temporary Internet File folder on your computer. This speeds the display of frequently visited Web pages because the pages are retrieved from your hard drive rather than the Internet. This Temporary Internet File folder is often referred to as the cache, or the browser's cache. Over time, this file can become large and there can be discrepancies between the version of the page on your computer and the "live" version available on the Internet.

Clearing cache and using the correct settings for your browser is important when using DOCLINE. It becomes even more important when using Web 2.0 technologies such as blogs, wikis, Web pages incorporating RSS feeds, and social network sites. These sites are more interactive and are frequently updated, so it is important to clear cache and have the browser set to view the most recent version of the page.

Each Internet browser has slightly different options. However, to eliminate the problem of viewing older versions of Web pages, set the option "Check for Newer Version of Stored Pages" to "Every Visit to the Page". The way this is changed depends on your browser.

Please refer to the complete article for detailed instructions on clearing cache when using Internet Explorer and the Firefox Browser. The article is available at <http://nnlm.gov/ner/newsletter/19/techtimes19.html#cachem>.

Another good source of information is from DOCLINE and is available at http://www.nlm.nih.gov/services/doc_clearcache.html

Questions? Comments? Please feel free to contact me at penny.glassman@umassmed.edu

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From the NLM Technical Bulletin

Cataloging changes for serials

http://www.nlm.nih.gov/pubs/techbull/ma07/ma07_cat_changes.html

NLM's List of serials indexed of online users 2007 and List of journals indexed for MEDLINE 2007 now available

http://www.nlm.nih.gov/pubs/techbull/ma07/ma07_technote.html#0

PubMed subject subset strategies updated for 2007

http://www.nlm.nih.gov/pubs/techbull/jf07/jf07_technote.html#9

New substances added to LactMed

http://www.nlm.nih.gov/pubs/techbull/ma07/ma07_technote.html#3

HHS launches web site for medical responses to radiation emergencies

http://www.nlm.nih.gov/pubs/techbull/ma07/ma07_technote.html#2

Updated information available on the new Beta version of the Entrez System

http://www.nlm.nih.gov/pubs/techbull/ma07/ma07_ncbi_new_titles.html

TOXMAP now includes 2005 TRI data

http://www.nlm.nih.gov/pubs/techbull/ma07/ma07_technote.html#7

PubMed Central limits page improved

http://www.nlm.nih.gov/pubs/techbull/ma07/ma07_pmc_limits.html

NCBI influenza resources available

http://www.nlm.nih.gov/pubs/techbull/jf07/jf07_technote.html#7

The homepage for the Technical Bulletin is: <http://www.nlm.nih.gov/pubs/techbull/tb.html>

Know when something's posted on the site by signing up for email notification or set up an RSS feed. See the links on the TB homepage to learn how.

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[Healthnet News, A newsletter for public librarians and others interested in consumer health information services Spring 2007, Volume XXII, Number 1](#)

[The May 2007 NIH Public Bulletin. An index of all issues is available at <http://getinvolved.nih.gov/newsbulletins.asp>](#)

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