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Last updated: 30 June 2010



May 03, 2010 [posted]



Skill Kit: Save Time Finding Citations by Title Matching in the PubMed® Search Box

The Citation Sensor was introduced to the PubMed search box in May 2008. At that time we described the sensor as being able to "recognize combinations of search terms that are characteristic of citation searching, e.g., volume/issue numbers, author names, journal titles, and publication dates, which it then matches to citations." We also want you to know that the Citation Sensor does a great job finding citations when the **article title** is copy/pasted into the search box. Here is an example:

When trying to find this citation in PubMed:

Zinc and diarrheal disease: current status and future perspectives. Scrimgeour, Angus G. Lukaski, Henry C. Current Opinion in Clinical Nutrition & Metabolic Care. 11(6):711-7, 2008 Nov.

...the PubMed searcher tried this **traditional** approach employing search tags and Boolean operators:

zinc[tiab] AND diarrheal disease[tiab]

Unfortunately, this search retrieved thirty-two items and had to be modified with an author name to get the one item of interest:

zinc[tiab] AND diarrheal disease[tiab] AND lukaski

After two tries, the exact item was found.

But when the article title is entered into the search box (copy/paste works great), the **citation sensor** matched the terms to the exact item the first time.

When using Citation Sensor:

Do copy/paste the entire article title not just a few words from the title. (*Title matching works best for titles that have at least 6 words.*)

Don't tag the search terms.

Don't use Boolean Operators.

Note:

You can also use the PubMed Single Citation Matcher.

Zinc and diarrheal disease: current status and future perspectives	Search
--	------------------------

Please do try this at home (or work)!

Title Matching in the PubMed® Search Box. NLM Tech Bull. 2010 May-Jun; (374):e1.

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May 04, 2010 [posted]

UMLS® 2010AA Release Available

The 2010AA release of the Unified Medical Language System® (UMLS) Knowledge Sources is available for download as of May 3, 2010.

In the new UMLS Release there are:

- More than 2.2 million concepts and 8.2 million unique concept names from over 150 source vocabularies
- 19.6 GB required for full Metathesaurus subset
- Three new sources
 - Confusion Assessment Method (LNC_CAM)
 - Minimum Data Set, 2.0 (LNC_MDS20)
 - Minimum Data Set, 3.0 (LNC_MDS30)
- One deleted source
 - LNC_MDS
- One new translation
 - Croatian translation of the Medical Subject Headings (MSHSCR)
- 29 updated English sources and 17 updated translation sources including CPT® MeSH®, MedDRA, RxNorm, and SNOMED CT® (English and Spanish)
- Semantic Network changes to the Organism hierarchy and data changes to the SRDEF, SRSTRE1 and SRSTRE2 files
- SNOMED CT data changes to inactive concept codes and the addition of supplementary text definitions
- SPECIALIST Lexicon and Lexical Tools 2010 Releases

For more information about the release, see the What's New and Updated Sources sections of the Release Documentation. Additional release statistics are published on the UMLS Web site.

To access the UMLS Release files, you must have an active UMLS Metathesaurus® license and a valid UMLSKS account. You will be prompted for your UMLSKS Login ID and Password when downloading the files.

Additional information regarding the UMLS is available on the UMLS homepage. New users are encouraged to take the UMLS Basics Tutorial and to explore the training materials and other information on the New Users' homepage.

DVDs

As always, the production and mailing of the UMLS DVDs occur about four weeks after the release is made available for download. Those licensees who requested the DVD for the previous release (2009AB) will automatically receive a DVD copy of the current release. If you did not receive the previous release on DVD and want the current release on DVD, contact NLM Customer Service and include your license code in the request.

Source Release Documentation

2010AA Source Release Documentation Web pages will be published following the release.

As a pilot, a new Representation tab will be added for a select group of sources (to be announced). The Representation tab will include two sub-tabs: Source Representation and Metathesaurus Representation. The new tabs will be discussed in the June 9, 2010 Webcast "From Source to Metathesaurus Format: New Source Release Documentation."

UMLS® 2010AA Release Available. NLM Tech Bull. 2010 May-Jun;(374):e2

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May 04, 2010 [posted]

NLM® Resource Update: Information on "Crude Oil Spills and Human Health" Now Available

[Editor's Note: This is a reprint of an announcement published on NLM-Tox-Enviro-Health-L, an e-mail announcement list available from the NLM Division of Specialized Information Services. To subscribe to this list, please see the NLM-TOX-ENVIRO-HEALTH-L Join, Leave, or Change Options page.]

A page of links to information on "Crude Oil Spills and Human Health" is now available from the National Library of Medicine® at <http://disasterinfo.nlm.nih.gov/dimrc/oilspills.html>.

The page provides links to information on how the United States responds to oil spills, state agencies in the Gulf region that respond to spills, occupational hazards for professionals and volunteers assisting with clean-up, seafood safety and more.

The links under "Featured Sites" focus on the latest updates about the recent spill and subsequent controlled burning of crude oil in the Gulf of Mexico. This spill followed the explosion and sinking of the Deepwater Horizon Mobile Offshore Drilling Unit oil platform 50 miles southeast of the Mississippi Delta on April 20, 2010.

Please send your comments and suggestions about additional health information content to tehip@tehl.nlm.nih.gov. This information is compiled by the Disaster Information Management Research Center (DIMRC), Specialized Information Services (SIS), US National Library of Medicine (NLM).

NLM® Resource Update: Information on "Crude Oil Spills and Human Health" Now Available. NLM Tech Bull. 2010 May-Jun;(374):e3.



May 04, 2010 [posted]

New NLM[®] Enviro-Health Links Page: Climate Change and Human Health

[Editor's Note: This is a reprint of an announcement published on NLM-Tox-Enviro-Health-L, an e-mail announcement list available from the NLM Division of Specialized Information Services. To subscribe to this list, please see the NLM-TOX-ENVIRO-HEALTH-L Join, Leave, or Change Options page.]

New Enviro-Health Link page on Climate Change and Human Health

The effects of climate change such as sea-level rise, heat waves, or poor air quality may affect human health both directly and indirectly. The latest Enviro-Health Links page, Climate Change and Human Health, from the Specialized Information Services (SIS) Division of the National Library of Medicine[®] (NLM), provides links to materials about these potential effects. Also included are links to regulations and policy, as well as pre-formulated TOXNET[®] and PubMed[®] searches.

NLM also offers other Enviro-Health Links on topics such as:

- Arsenic and Human Health
- Children's Environmental Health
- Imported (Chinese) Drywall
- Indoor Air Pollution
- Keeping the Artist Safe: Hazards of Arts and Crafts Materials
- Lead and Human Health
- Mercury and Human Health
- Nanotechnology
- Outdoor Air Pollution
- Swine Flu
- Enviro-Health Links

New NLM[®] Enviro-Health Links Page: Climate Change and Human Health. NLM Tech Bull. 2010 May-Jun;(374):e4.

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May 04, 2010 [posted]

PubMed Central® Celebrates 10 Years!

An Online Archive is Born

PubMed Central (PMC) officially debuted in February 2000, with a mandate to serve as a free digital archive for life sciences and biomedical literature.

Although PMC contained only two journals at the time of its inception — *Proceedings of the National Academy of Sciences of the United States of America* and *Molecular Biology of the Cell* — a number of BioMed Central journal titles signed on a few months later, followed by *Nucleic Acids Research*, *The Plant Cell*, and *Plant Physiology*.

Early Growth and Development

Six months after its debut, PMC implemented a key feature — allowing users to link from PubMed citations to full-text articles in PMC. Plans for other improvements were also underway.

In the summer of 2001, a new version of PMC was released, incorporating such features as a redesigned homepage, cross-linking between related PMC articles such as commentaries and companion articles and, most important, a search function that could be accessed from any page in PMC.

By the end of 2002, PMC was growing steadily, with fifty-five life sciences journals to its name, including the *Journal of the Medical Library Association*. Soon after, in 2003, when PMC became accessible through the National Center for Biotechnology Information (NCBI) Entrez database, the site's search capability was greatly enhanced.

A New Article Submission Format

With the increase in the number of participating journals came the need for creating a common format in which publishers and archives could more efficiently exchange journal content. So, in 2003, NCBI unveiled the NLM Journal Archiving and Interchange Tag Suite which became widely adopted by a number of libraries and publishing houses.

A New Initiative

2003 also marked the beginning of another major PMC initiative — the back issue digitization of old journals, some dating as far back as the mid-1800s. In November 2004, the full run of the *Journal of the Medical Library Association* was completed, featuring volumes ranging back to 1911. The digitization project also got a major international boost, when, in that same year, the Wellcome Trust, in partnership with the United Kingdom Joint Information Systems Committee, became a collaborator — agreeing to provide both funding and early issues of significant British medical journals (see also http://www.nlm.nih.gov/news/press_releases/intlpubmed04.html).

More Growth and Development

In 2005, another major addition, the National Institutes of Health (NIH) Manuscript Submission System, was

implemented — as a direct result of the NIH policy to encourage NIH-funded researchers to deposit their final manuscripts in the PMC archive. Concurrent with the policy, PMC began publishing reference numbers, or PMCIDs, for its articles. These PMCIDs are automatically assigned to articles upon their appearance in PMC, and are particularly useful for grantees in citing policy compliance.

Also, in 2005, PMC began developing a packaged version of its software, called Portable PMC, to serve as the platform for similar international archives. Contingent upon individual publisher agreements, PMC also began making plans to allow for the redistribution of some or most of its content to these institutions.

Two years later, in January 2007, the first of the PMC International (PMCI) centers, UKPMC, was launched, with sponsorship by the Wellcome Trust as well as several other major research funders in the United Kingdom.

In 2008, a significant PMC growth spurt occurred, after the NIH Public Access Policy became mandatory in April of that year, with the number of articles in the archive eventually increasing by almost 50%. With the advent of the mandate, various other PMC enhancements followed, such as:

1. an updated journal list to show which journals deposit all their NIH-funded articles,
2. a feature that allows users to find PMCIDs by associating them with their PubMed reference numbers or PMIDs,
3. the creation of a search option to allow authors and publishers to find NIH-funded articles that are not yet publicly available, and
4. a Public Access and PMC informational page.

More Articles, More Features

A year later, in 2009, more features were also put into place, including a new, more standardized Uniform Resource Locator format, <http://www.ncbi.nlm.nih.gov/pmc/>, as well as a "preview" table of contents page for viewing immediate access articles in issues under publisher embargo.

In addition, another PMC milestone occurred in October 2009, when the most recent PMCI center, PMC Canada, became operational.

PMC Today

Currently, there are more than 600 full deposit journals as well as collections of NIH-funded articles, author manuscripts, books and other documents in the PMC archive. As PMC has grown, so has the number of users. Now, on a typical weekday, about 420,000 users are accessing 740,000 articles. What's more — a decade after its creation, PMC has become home to some two million articles!

By Marla Fogelman

National Center for Biotechnology Information

Fogelman M. PubMed Central[®] Celebrates 10 Years! NLM Tech Bull. 2010 May-Jun;(374):e5.

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May 05, 2010 [posted]

NLM[®] Resource Update: Name Change for REMM

[Editor's Note: This is a reprint of an announcement published on NLM-Tox-Enviro-Health-L, an e-mail announcement list available from the NLM Division of Specialized Information Services. To subscribe to this list, please see the NLM-TOX-ENVIRO-HEALTH-L Join, Leave, or Change Options page.]

To make it easier for users to find its content, the National Library of Medicine[®] (NLM) Radiation Event Medical Management (REMM) Web portal has been renamed. The new name is Radiation Emergency Medical Management.

Searching any of these text strings will retrieve a link to the REMM homepage:

- Radiation Emergency Medical Management
- Radiation Event Medical Management
- REMM

REMM homepage URL and all interior page URLs are unchanged.

REMM is produced by the US Department of Health and Human Services, Office of the Assistant Secretary for Preparedness and Response, Office of Planning and Emergency Operations, in cooperation with the National Library of Medicine, Division of Specialized Information Services, with subject matter experts from the National Cancer Institute, the Centers for Disease Control and Prevention, and many US and international consultants.

REMM provides:

- Guidance for health care providers, primarily physicians, about clinical diagnosis and treatment during mass casualty radiological/nuclear (rad/nuc) events
- Just-in-time, evidence-based, usable information with sufficient background and context to make complex issues understandable to those without formal radiation medicine expertise
- Web-based information that is also downloadable in advance, so that it would be available during an event if the Internet is not accessible.

NLM[®] Resource Update: Name Change for REMM. NLM Tech Bull. 2010 May-Jun;(374):e6.

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May 13, 2010 [posted]

MedlinePlus® E-mail Subscription Service

In February 2010, NLM® released a new e-mail subscription service that allows users to sign up for updates on MedlinePlus news, special features, and health topics in both English and Spanish. Through the new service, users can customize their e-mail updates by signing up for the specific MedlinePlus topics that matter most to them. The new service replaces the former daily and weekly MedlinePlus e-mail announcement lists and greatly expands the subscription offerings available to users.

Users can subscribe to any or all of the over 800 topics on MedlinePlus and over 770 topics on MedlinePlus en español. To subscribe, visit any topic page on MedlinePlus and enter your e-mail address into the sign-up box beneath the topic summary (see Figure 1).

MedlinePlus
Trusted Health Information for You

A service of the U.S. NATIONAL LIBRARY OF MEDICINE
and the NATIONAL INSTITUTES OF HEALTH

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Other Health Topics:
A B C D E F G H I J K L M N O P Q R S T U V W XYZ [List of All Topics](#)

Health Disparities

Health disparities refer to differences between groups of people. These differences can affect how frequently a disease affects a group, how many people get sick, or how often the disease causes death.

Many different populations are affected by disparities. These include

- Racial and ethnic minorities
- Residents of rural areas
- Women, children, the elderly
- Persons with disabilities

National Cancer Institute

Get Health Disparities updates by e-mail [What's this?](#)

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- [Health Disparities NIH](#) (National Institutes of Health) - PDF

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Research	Reference Shelf	For You
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Related Topics

- [African-American Health](#)
- [Asian-American Health](#)
- [Hispanic-American Health](#)
- [Men's Health](#)
- [Native-American Health](#)
- [Rural Health Concerns](#)
- [Seniors' Health](#)
- [Women's Health](#)
- [Health System](#)
- [Population Groups](#)

Go Local

Services and providers for Health Disparities in the U.S.

Figure 1: Topic page showing sign-up box beneath the summary.

You can also visit the English and Spanish e-mail updates main pages to subscribe and view the complete list of MedlinePlus subscription options.

Users receive e-mails whenever MedlinePlus adds new information to the topics for which they have signed up. Users can elect to receive updates as soon as they become available, daily or weekly. The type of information delivered in e-mails includes links to health news, press announcements, medical encyclopedia articles, multimedia content, and to authoritative health information provided by other Web sites (see Figure 2).

New on the MedlinePlus [Health Disparities](#) page:

[Poverty Can Slow Kids' Normal Development](#)

Mon, 12 Apr 2010 08:00:00 -0500

Remedies for 'material hardships' depend on society's willingness, expert says



Source: HealthDay



 [Follow MedlinePlus on Twitter](#)



[Search Cloud](#): See what people are searching for on MedlinePlus

To change your subscription preferences or stop subscriptions anytime, log in to your [User Profile](#) with your e-mail address. For questions or problems with this service, please contact support@govdelivery.com. This is a free service provided by [MedlinePlus](#) and the [U.S. National Library of Medicine](#).



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Figure 2: E-mail update for the MedlinePlus Health Disparities topic.

By using the Share button that appears in the footer of every e-mail, users can post MedlinePlus e-mail content to their favorite social networking or bookmarking Web sites, expanding the reach of MedlinePlus to new venues and audiences.

By Sarena Burgess
Reference and Web Services Section
and
Joanna Karpinski

Reference and Web Services Section

Burgess S, Karpinski J. MedlinePlus[®] E-mail Subscription Service. NLM Tech Bull. 2010 May-Jun; (374):e7.

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May 21, 2010 [posted]

June 04, 2010 [Editor's note added]

Use Partner Organizations' Accounts to Sign in to My NCBI

[Editor's note added June 4, 2010: These changes were implemented in PubMed on June 3, 2010.]

NCBI is pleased to announce that My NCBI will soon allow users to sign in via a partner organization's account. My NCBI users may use a username and password associated with a partner organization to navigate securely between that site and My NCBI. Partner organizations include research organizations and commercial Web sites that use either an InCommon or OpenID standard to authenticate users. To see a list of all participating partner organizations, click "See expanded list" (see Figure 1).

The updated My NCBI login page will provide two different sign in options: My NCBI account sign in and partner organization sign in (see Figure 1).

Welcome to My NCBI

Use My NCBI to save your searches and data, and to set NCBI Web site preferences [About My NCBI...](#)

Sign in directly to your My NCBI account:

Register or sign in through one of the partner organization login routes:

My NCBI Sign In

Username:

Password:

Keep me signed in unless I sign out
(Leave unchecked on public computers)

Sign In

[Register for an account](#)

[I forgot my username](#)

[I forgot my password](#)

[About automatic sign in](#)

or

Sign in via Partner Organization

[NIH Login](#)

[eRA Login](#)

[Google](#)

[Yahoo!](#)

Or choose from:

Case Western Reserve University

Colorado State University

Columbia University

Cornell University

[See expanded list](#)

Sign In

Figure 1: New My NCBI sign in page.

To sign in to My NCBI with a partner organization's account you must first link the accounts. To do this select the organization you are affiliated with, and then click "Sign in." You will be linked to the partner organization's login page where you should sign in. Afterward, link to your existing My NCBI account or create a new My NCBI account (see Figure 2).

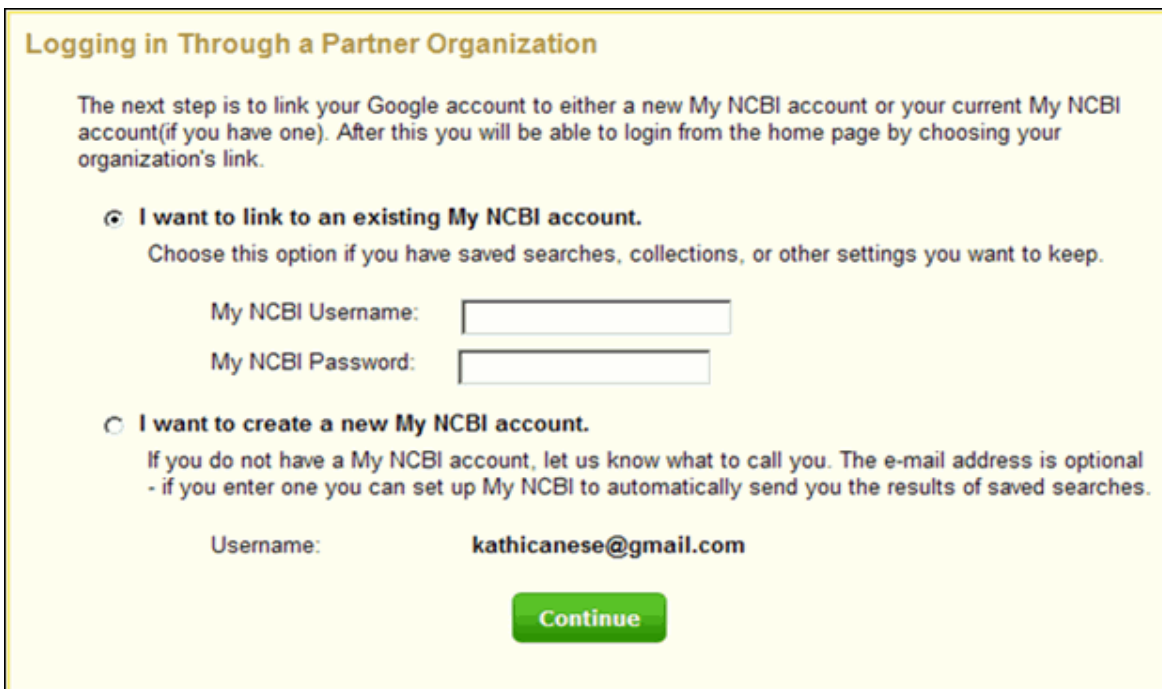



Figure 2: Linking partner organization to My NCBI screen.

Once the accounts are linked, you will be able to sign in to My NCBI and access your partner organization's account and vice versa. In My NCBI, your linked accounts will be listed under "Common Preferences." To un-link an account, click on "Linked Accounts" under Common Preferences and click the  icon next to the account that you wish to remove (see Figure 3).

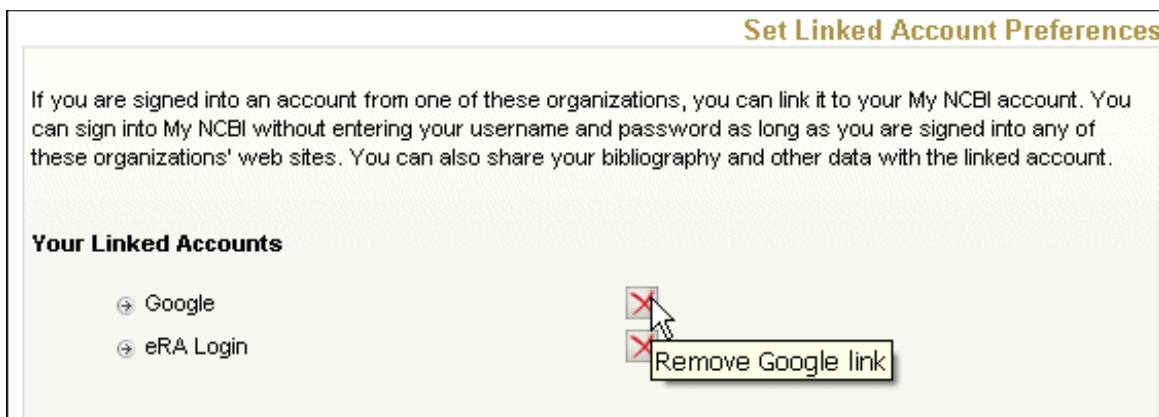


Figure 3: Linked account preferences.

Organizations that work with the OpenID or InCommon standards to authenticate users should contact NCBI for information about how to be added to the My NCBI partner organization list (see Figure 1).

**By Lidia Hutcherson
National Center for Biotechnology Information**

Hutcherson L. Use Partner Organizations' Accounts to Sign Into My NCBI. NLM Tech Bull. 2010 May-Jun;(374):e8.

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May 21, 2010 [posted]
June 04, 2010 [Editor's note added]

PubMed® Advanced Search Page Modified

[Editor's note added June 4, 2010: These changes were implemented in PubMed on June 3, 2010.]

The PubMed Search Builder section of the Advanced Search page will soon be modified to provide users with a more cohesive method to build searches. The Search History and More Resources sections will not change.

The PubMed logo and search box will be replaced with a streamlined search box that is positioned in proximity to the Search Builder and Search History (see Figure 1).

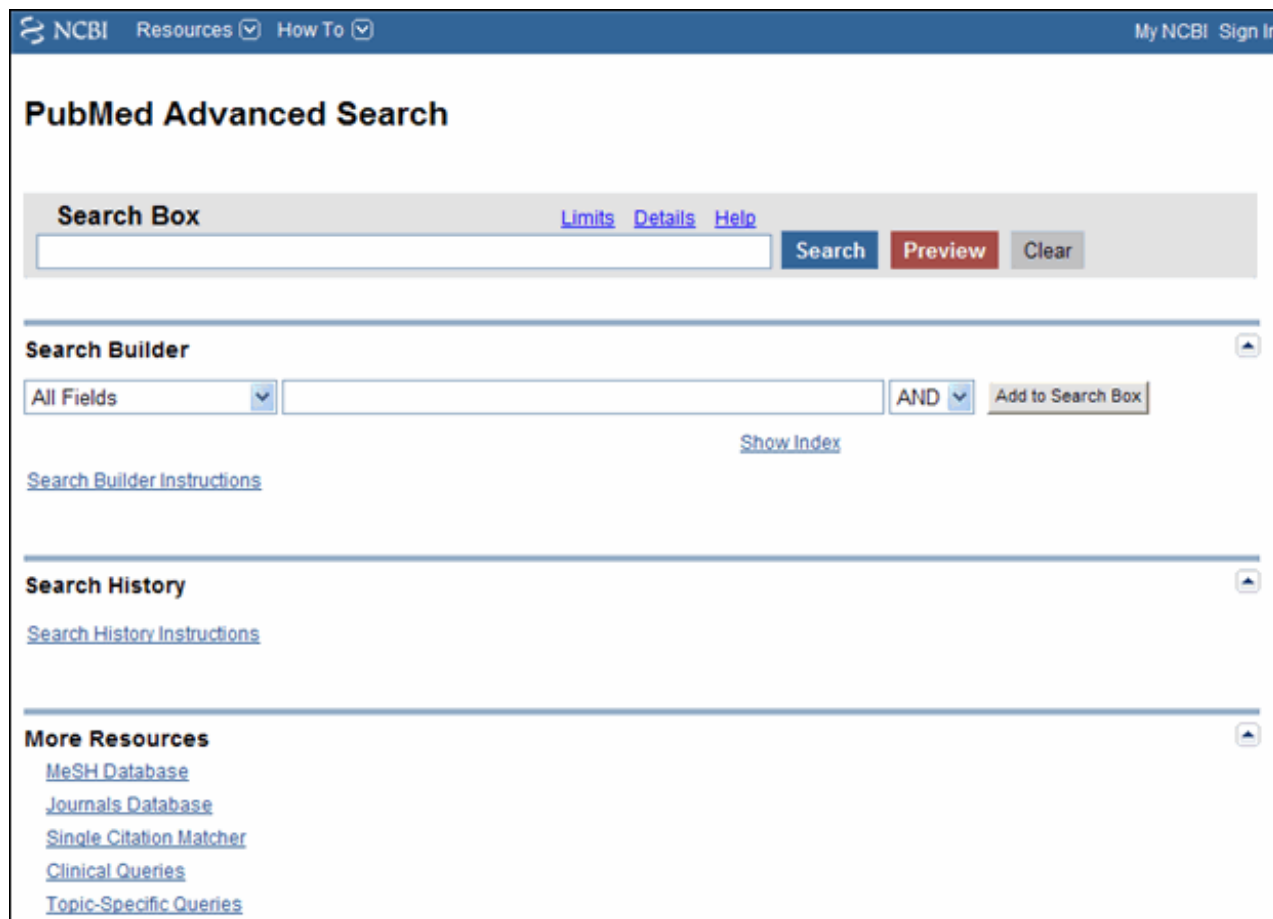


Figure 1: Modified PubMed Advanced Search page.

The "Search" and "Preview" buttons will be improved to process search terms present in *either the Search Builder box or main search box*. In addition, an "Add to Search Box" button will be included to clearly indicate that terms in the Search Builder box should be moved to the main search box before executing a multi-termed query (see Figures 2 and 3).

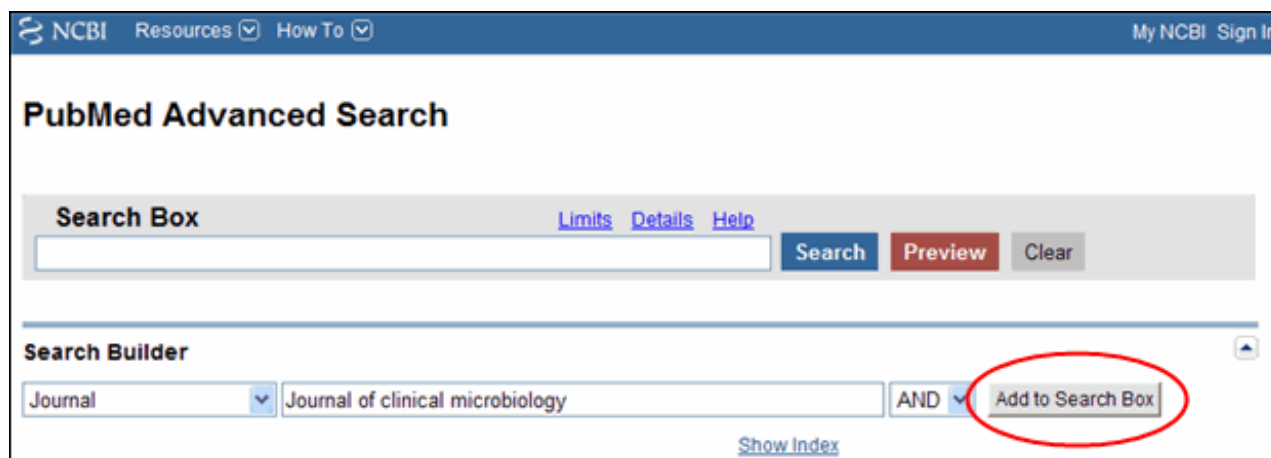


Figure 2: Click the "Add to Search Box" button to move search term to the Search Box.

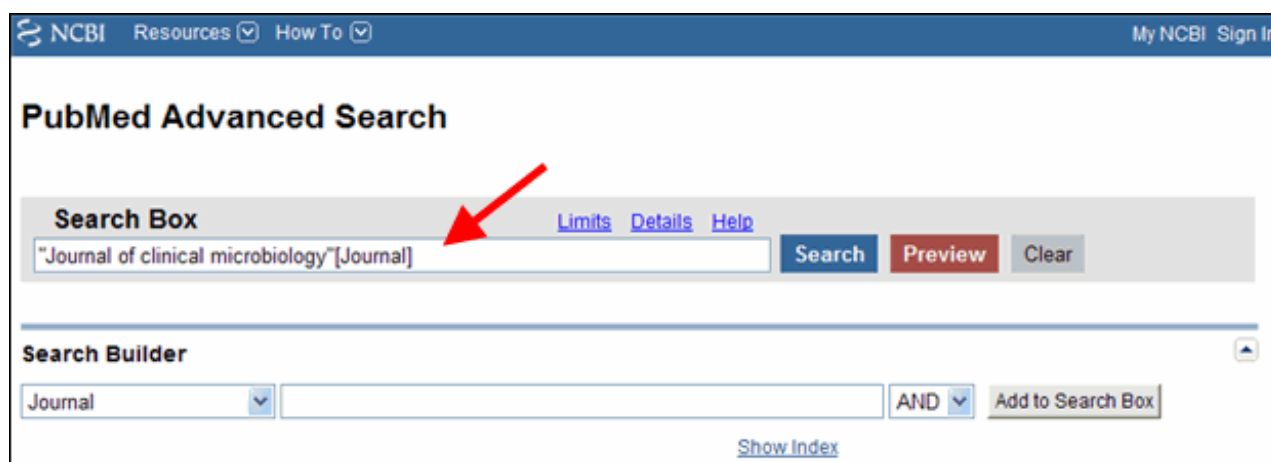


Figure 3: Search term moved to the Search box.

The Boolean operator buttons have been replaced by a pull-down menu. Terms entered in the Search Builder search box will be added with the default Boolean operator AND unless users choose OR or NOT from the pull-down menu, before clicking the "Add to Search Box" button. If both the search box and Search Builder box include terms, the system will combine the terms from both locations with the Boolean operator in the pull-down menu (see Figure 4).



Figure 4: Change Boolean operator before clicking “Add to Search Box” or “Search” button.

The Index button has been replaced by a Show Index link to allow users to browse by the all fields index, or within a specific field such as MeSH Terms.

The Advanced Search page sections may be closed or opened using the triangle collapse button located on the right-side of each section's label.

In order to allow users to efficiently build their search using the search builder and history, the simplified search box will not include autocomplete. In addition, RSS and the save search feature will not be offered.

By Kathi Canese
National Center for Biotechnology Information

Canese K. PubMed® Advanced Search Page Modified. NLM Tech Bull. 2010 May-Jun;(374):e9.

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May 21, 2010 [posted]

June 04, 2010 [Editor's note added]

Changes for PubMed® Discovery Ads

[Editor's note added June 4, 2010: These changes were implemented in PubMed on June 3, 2010.]

The discovery area on the right side of PubMed results pages is home to a number of "ads" designed to lead users to additional information or assist with searching. These ads will soon have a new look.

Modernization

The ads have an updated look with fewer lines, less shading, and new colors. Ad titles are copper-colored and lists of items are no longer bulleted.

Minimization

Discovery ads have a triangle collapse button (see Figure 1). Clicking on this button collapses the ad — reducing it to just the header. The ad will remain collapsed for the rest of your search session, or it can be expanded using the button. If you are signed in to My NCBI when you collapse an ad, it will remain that way on that computer until you sign out.

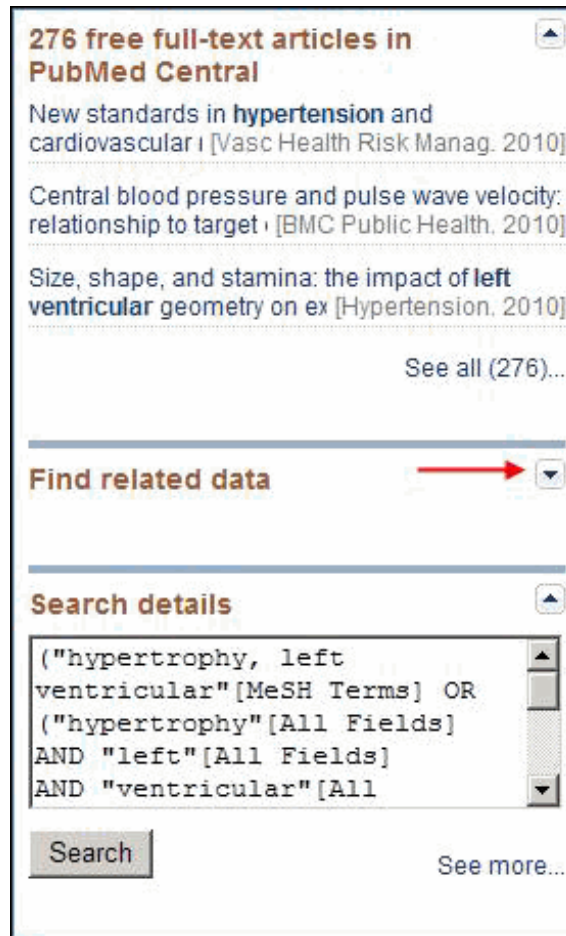


Figure 1: Three discovery ads. Center ad collapsed.

Search Details

Earlier this year an option was added to My NCBI PubMed Preferences that allowed the Search Details feature in the discovery area to be turned off (see *My NCBI Enhancements*). In light of the new ability to minimize discovery ads, this option will be removed as one of the PubMed Preferences.

By Annette M. Nahin
MEDLARS Management Section

Nahin AM. Search Details Preference in My NCBI. NLM Tech Bull. 2010 May-Jun;(374):e10.

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May 21, 2010 [posted]
 June 04, 2010 [Editor's note added]
 June 09, 2010 [Editor's note added]

PubMed® Send to E-mail Abstract Format Enhanced

[Editor's note added June 4, 2010: These changes were implemented in PubMed on June 3, 2010.]

The Send to E-mail Abstract format will soon be modified to allow users to include or exclude the MeSH and Other Data associated with a PubMed citation, e.g., MeSH, and Publication Types. A MeSH and Other Data checkbox will display when Abstract Format is selected from the Send to E-mail menu (see Figure 1).

The screenshot shows the PubMed website interface. At the top, there are navigation links for 'Resources' and 'How To'. The search bar contains 'frog genome'. Below the search bar, there are options for 'Display Settings' (Summary, 20 per page, Sorted by Recently Added) and 'Send to' (E-mail). The search results show a list of articles, with the first one selected. The 'Send to E-mail' dropdown menu is open, showing options for 'File', 'Clipboard', 'Collections', 'E-mail', and 'Order'. The 'Abstract' format is selected, and the 'MeSH and Other Data' checkbox is visible and circled in red. The 'E-mail' field contains 'user@mail.edu' and there is an 'Additional text' field. The 'E-mail' button is highlighted, and a link for 'SPAM filtering software notice' is visible at the bottom of the dropdown menu.

Figure 1: PubMed Send to E-mail Abstract Format.

The MeSH and Other Data checkbox will display as unchecked, therefore the default E-mail Abstract format will not include these data. Users should click the checkbox to include MeSH and Other Data. The E-mail Abstract (text) format will remain unchanged, that is, without MeSH and Other Data.

[Editor's note added June 9, 2010: My NCBI automatic e-mail updates in Abstract format no longer include MeSH and Other Data associated with a PubMed citation.]

By Kathi Canese
National Center for Biotechnology Information

Canese K. PubMed® Send to E-mail Abstract Format Enhanced. *NLM Tech Bull.* 2010 May-Jun;(374):e11.

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May 26, 2010 [posted]

NLM[®] Resource Update: REMM Now Available as a Free iPhone[®]/iPod touch[®] App

[Editor's Note: This is a reprint of an announcement published on NLM-Tox-Enviro-Health-L, an e-mail announcement list available from the NLM Division of Specialized Information Services. To subscribe to this list, please see the NLM-TOX-ENVIRO-HEALTH-L Join, Leave, or Change Options page.]

The National Library of Medicine[®] Radiation Emergency Medical Management (REMM) is now available as a free iPhone/iPod touch App.

You can download it from iTunes[®], or search for "radiation emergency" at the iTunes Store.

Mobile REMM can also be downloaded to other mobile platforms (Blackberry[®], Windows Mobile[®], and Palm[®]).

REMM is produced by the US Department of Health and Human Services, Office of the Assistant Secretary for Preparedness and Response, Office of Planning and Emergency Operations, in cooperation with the National Library of Medicine, Division of Specialized Information Services, with subject matter experts from the National Cancer Institute, the Centers for Disease Control and Prevention, and many US and international consultants.

REMM provides:

- Guidance for health care providers, primarily physicians, about clinical diagnosis and treatment during mass casualty radiological/nuclear (rad/nuc) events
- Just-in-time, evidence-based, usable information with sufficient background and context to make complex issues understandable to those without formal radiation medicine expertise
- Web-based information that is also downloadable in advance, so that it would be available during an event if the Internet is not accessible.

NLM[®] Resource Update: REMM Now Available as a Free iPhone[®]/iPod touch[®] App. NLM Tech Bull. 2010 May-Jun;(374):e12.

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May 27, 2010 [posted]

LinkOut[®] for Libraries Training and Educational Resources Web Site

On May 13, 2010, NLM[®] released a new distance education Web site called LinkOut for Libraries Training and Educational Resources. This Web site includes Quick Tours about how to use the Library Submission Utility and other tools that are used by libraries that participate in LinkOut. The LinkOut for Libraries Training and Educational Resources page replaces the Training and Promotion section of the NCBI LinkOut for Libraries homepage.

By Elizabeth Frost
MEDLARS Management Section

Frost E. LinkOut[®] for Libraries Training and Educational Resources Web Site. NLM Tech Bull. 2010 May-Jun; (374):e13.

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May 27, 2010 [posted]

New LinkOut® for Libraries Quick Tour: Managing Outside Tool

Libraries that have registered an Outside Tool service with LinkOut may be interested in the new LinkOut for Libraries Quick Tour — Library Submission Utility: Managing Outside Tool. This five-minute Quick Tour shows users how to navigate the Outside Tool section of the Library Submission Utility. It includes editing the Outside Tool information, changing the Outside Tool icon, and updating the account contact information. The video also shows how to view Outside Tool usage statistics.

This Quick Tour is now available on the LinkOut for Libraries Training and Educational Resources page and on the Dist: Distance Education Program Resources page. The Quick Tour requires the Adobe Flash™ Player and was created using Qarbon's ViewletBuilder™.

By Elizabeth Frost
MEDLARS Management Section

Frost E. New LinkOut® for Libraries Quick Tour. NLM Tech Bull. 2010 May-Jun; (374):e14.

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June 04, 2010 [posted]

NLM[®] Exhibition, *The Cradle-Books: Illustrated Incunabula*, Showcases Treasures from the Infancy of Printing

[Editor's Note: This is a reprint of an announcement published on the NLM Web site on May 21, 2010. To be notified of announcements like this, subscribe to NLM-Announces e-mail list.]

The National Library of Medicine[®] (NLM), the world's largest medical library and component of the National Institutes of Health, announces a new exhibition featuring nine of its illustrated incunabula or "cradle-books" as rare-book librarians sometimes call these volumes. It will be on view in Building 38, on the Bethesda, Maryland campus of NIH, through June 18. The books range in subject matter from early hand-colored herbals and astrological charts to manuals on how to treat the plague and venereal diseases.

Incunabula are books printed in Europe using movable metal type from its invention in about 1455 until 1500. In Latin, "incunabula" means "swaddling clothes" or "cradle" and rare book librarians and historians have long used the term to refer to these books from the infancy of printing. Of the Library's 580 incunabula, about 70 of them are illustrated with woodcuts, many of them considered to be some of the greatest printed artwork of the age.

The exhibition includes the NLM copy of *The Nuremberg Chronicle*, the largest incunable in its collection, measuring nearly 20 inches in height. The *Chronicle* is a history of the world beginning with the Garden of Eden and extending to the medieval period; it was written by the physician Hartmann Schedel and printed in 1493. It is known for its beautiful woodcuts depicting panoramas of famous cities, portraits of famous rulers and thinkers, and important historical events. Illustrators include the noted Renaissance artists Albrecht Dürer and Michael Wolgemut.

Also on display is the Library's hand-colored copy of the *Gart der Gesundheit* (Mainz, 1485), or "Garden of Health" the first herbal printed in a vernacular language (German), rather than Latin or Greek. As with many early herbals, the author and artist are unknown, but its printer was Peter Schoeffer, who assisted as an apprentice in composing the type for the Gutenberg Bible some thirty years earlier.

Other works in the exhibition include a uniquely held copy of *Anianus' Computus cum Commento* (Lyon, 1492), a manual for calculating the dates of Lent and Easter using the hands as a mnemonic device, and a copy of Hieronymus Brunschwig's *Liber Pestilentialis de Venenis Epidimie*, printed in Strassbourg in 1500.

The exhibition is on display in the History of Medicine Division Reading Room, on the first floor of Building 38, from 8:30 AM to 5:00 PM, Monday through Friday, except Federal holidays. For more information, please contact the curator of the exhibition, Michael North, Head, Rare Books & Early Manuscripts, at northm@mail.nih.gov, or the History of Medicine Division Reading Room at 301.402.8878.

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June 08, 2010 [posted]

MLA 2010: NLM® Theater Presentations

The NLM exhibit booth at the Annual Meeting of the Medical Library Association featured theater presentations to bring users up-to-date on several NLM products and services.

The presentation recordings are listed below and can also be accessed from the NLM Distance Education Program Resources page.

To listen to the voice recordings and view the captions you may need the latest version of Flash® Player (download for free from the Adobe Web site).

NLM Theater Presentations

NLM Update PowerPoint Presentations

NLM Online Users' Meeting: Questions and Answers

NLM Online Users' Meeting: PowerPoint Presentations

Note: To zoom in to detailed screens, use the scroll button.



Presentation with Voice Recording and Captioning	Length (minutes)
ClinicalTrials.gov Update	27 min.
DailyMed	16 min.
Health Services Research & Public Health Update	21 min.
History of Medicine Update	25 min.
Introduction to NCBI Molecular Databases	16 min.
MedlinePlus Update	22 mins.
MyMedicationList and RxNorm	20 min.
PubMed Review	24 min.
Resources for Disaster Planning and Response	24 min.

Toxicology & Environmental Health Update	14 min.
UMLS Update	22 min.
Using My Bibliography to Manage Compliance with the NIH Public Access Policy	17 min.

MLA 2010: NLM® Theater Presentations. NLM Tech Bull. 2010 May-Jun;(374):e16a.

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June 14, 2010 [posted]

MLA 2010: NLM® Update PowerPoint Presentations

The NLM Update was held at the Annual Meeting of the Medical Library Association in Washington, DC on May 25, 2010. There were three speakers at this year's update. Dr. Donald A.B. Lindberg, Director, brought users up-to-date on some of the Library programs as well as future plans; Mr. Sheldon Kotzin, Associate Director for Library Operations, gave an update on Library Operations activities as well as selected activities in other NLM Divisions; and Dr. Deborah Zarin, Director, ClinicalTrials.gov, Lister Hill National Center for Biomedical Communications, gave an update on ClinicalTrials.gov.

PowerPoint presentations are available for the Library Operations update and the ClinicalTrials.gov update.

NLM Theater Presentations

NLM Update PowerPoint Presentations

NLM Online Users' Meeting: Questions and Answers

NLM Online Users' Meeting: PowerPoint Presentations

MLA 2010: NLM® Update PowerPoint Presentations. NLM Tech Bull. 2010 May-Jun;(374):e16b.

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June 15, 2010 [posted]

MLA 2010: NLM® Online Users' Meeting: Questions and Answers

[Editor's note: These are the questions and answers from the NLM Online Users' Meeting at the Annual Meeting of the Medical Library Association in Washington, DC, May 24, 2010. The answers may have been modified to provide more complete information.]

Question:

Are there plans to integrate the PMCID with PubMed® records? I've received several requests from faculty who are doing grants and have said that they have to report the PMCID numbers in their grants and so inevitably what they have to do is go back in to PubMed Central® and look each one up and the PMCID.

Answer:

The PubMed Central ID (PMCID) was integrated with PubMed citations in 2008. You can find it on the MEDLINE® and XML display formats but most easily on the Abstract format (see Figure 1). *[Editor's note: See Skill Kit: PubMed Central® ID and PubMed® for additional information.]*

[NLM Theater Presentations](#)

[NLM Update PowerPoint Presentations](#)

[NLM Online Users' Meeting: Questions and Answers](#)

[NLM Online Users' Meeting: PowerPoint Presentations](#)

Cancer. 2010 May 15;116(10):2416-28.

Does MC1R genotype convey information about melanoma risk beyond risk phenotypes?

Kanetsky PA, Panossian S, Elder DE, Guerry D, Ming ME, Schuchter L, Rebbeck TR.

Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania 19104-6021, USA.
pkanetsk@mail.med.upenn.edu

Abstract

BACKGROUND: A study was carried out to describe associations of MC1R variants and melanoma in a US population and to investigate whether genetic risk is modified by pigmentation characteristics and sun exposure measures. **METHODS:** Melanoma patients (n = 960) and controls (n = 396) self-reported phenotypic characteristics and sun exposure via structured questionnaire and underwent a skin examination. Logistic regression was used to estimate associations of high- and low-risk MC1R variants and melanoma, overall and within phenotypic and sun exposure strata. A meta-analysis of results from published studies was undertaken. **RESULTS:** Carriage of 2 low-risk or any high-risk MC1R variants was associated with increased risk of melanoma (odds ratio [OR], 1.7; 95% confidence interval [CI], 1.0-2.8; and OR, 2.2; 95% CI, 1.5-3.0, respectively). However, risk was stronger in or limited to individuals with protective phenotypes and limited sun exposure, such as those who tanned well after repeated sun exposure (OR, 2.4; 95% CI, 1.6-3.6), had dark hair (OR, 2.4; 95% CI, 1.5-3.6), or had dark eyes (OR, 3.2; 95% CI, 1.8-5.9). We noted this same pattern of increased melanoma risk among persons who did not freckle, tanned after exposure to first strong summer sun, reported little or average recreational or occupational sun exposure, or reported no sun burning events. Meta-analysis of published literature supported these findings. **CONCLUSIONS:** These data indicate that MC1R genotypes provide information about melanoma risk in those individuals who would not be identified as high risk based on their phenotypes or exposures alone. (c) 2010 American Cancer Society.

PMD: 20301115 [PubMed - indexed for MEDLINE] **PMCID: PMC2864335** Free PMC Article

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Figure 1: The PMCID displays on the PubMed Abstract format.

Question:

Will any of the Go Local partners be continuing and, if so, how do we get to those Web sites?

Answer:

There are two current partners, North Carolina and South Carolina, who did not use the NLM system to build their Go Local sites. They will continue with their own locally-hosted system and their URLs will stay the same. There are a few partners who are considering pursuing their own local solution. At this time I'm not aware of what their URLs might be. *[Editor's note: See NLM® to Discontinue Support of MedlinePlus® Go Local for additional information.]*

Question:

Will all of MedlinePlus® be available for preview for the redesign?

Answer:

The online preview of the MedlinePlus redesign contains screen captures of some of the English and Spanish pages with descriptions of the key features of those pages. When we get closer to releasing the redesign this summer we will be able to let the medical library community know in advance that the release is coming and we will give you the specific date. We do know that people have training materials that they need to update. If you have concerns about updating your training materials, please contact us through the redesign preview or through the feedback form on our site.

Question:

Please consider including a feature to make uploading to DOCLINE® easy. This feature was available in the past but not a lot of people used it and it was dropped. Centralizing our system would make our lives easier.

Answer:

There are a lot of challenges to that but we know that our libraries would like us to automate updating of serials

holdings. We are considering options.

MLA 2010: NLM® Online Users' Meeting: Questions and Answers. NLM® Tech Bull. 2010 May-Jun;(374):e16c.

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June 15, 2010 [posted]

MLA 2010: NLM Online Users' Meeting: PowerPoint® Presentations

The NLM Online Users' Meeting, held at the Annual Meeting of the Medical Library Association in Washington, DC on May 24, 2010, was chaired by David Gillikin, Chief, Bibliographic Services Division, NLM. The meeting brought attendees up-to-date on some of the Library online systems as well as future plans. This year three PowerPoint presentations were given. David Gillikin, gave the Online Users' Meeting presentation; Loren Frant, Head, Health Information Products Unit, updated users on MedlinePlus® and Go Local [*Presentation link was not available at the time of publication and will be added at a later date.*]; and Maria Collins, Collection Access Section, presented on DOCLINE®.

[NLM Theater Presentations](#)

[NLM Online Users' Meeting: Questions and Answers](#)

[NLM Update PowerPoint Presentations](#)

[NLM Online Users' Meeting: PowerPoint Presentations](#)

MLA 2010: NLM Online Users' Meeting: PowerPoint® Presentations. NLM Tech Bull. 2010 May-Jun;(374):e16d.

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June 14, 2010 [posted]

New App for the Wireless Information System for Emergency Responders (WISER®)

[Editor's Note: This is a reprint of an announcement published on NLM-Tox-Enviro-Health-L, an e-mail announcement list available from the NLM Division of Specialized Information Services. To subscribe to this list, please see the NLM-TOX-ENVIRO-HEALTH-L Join, Leave, or Change Options page.]

The NLM® WISER, is now available as an app for the iPhone and iPod Touch. WISER is also compatible with the iPad.

WISER is a tool that assists emergency responders with hazardous material (hazmat) incidents. WISER provides a wide range of information on chemical, biological, and radiological agents, including substance identification, physical characteristics, human health and emergency medical treatment information, and containment and suppression assistance.

Content and functionality of this application will be enhanced in the coming months and a WISER for Blackberry® version is also coming soon.

WISER is also available as a stand-alone application for Microsoft Windows® PCs, Windows Mobile devices, Palm® OS PDAs, and via the Web as WebWISER. See the WISER homepage for more information.

Notices of WISER updates and news are available by joining the WISER e-mail list.

New App for the Wireless Information System for Emergency Responders (WISER®). NLM Tech Bull. 2010 May-Jun;(374):e17.

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June 14, 2010 [posted]



Skill Kit: Use My NCBI – Insurance for History and Clipboard

Has this happened to you? While searching PubMed® and sending items to the Clipboard, your History and Clipboard items are abruptly lost.

You may know that PubMed History and Clipboard functionality rely on cookies. These cookies are small pieces of information about your search interactions stored on your computer by PubMed. Information associated with a cookie is occasionally lost or deleted. If this happens, you might lose your History or the items you placed on the Clipboard.

Here are two things you can do to insure yourself with My NCBI.

- 1. Recent Activity.** Recent Activity records up to six months of search and abstract views while you are signed into My NCBI. If you are not signed in, Recent Activity displays only your last five interactions. (See *Recent Activity Extended with My NCBI* for more information.)
- 2. Collections.** After you have sent items of interest to the Clipboard, use Send to Collections:
 - a. Click on the Clipboard items link
 - b. Select Collections from the Send to menu
 - c. Create a new Collection
 - d. Name the new Collection something meaningful, e.g., Clipboard 6/14/2010

If for some reason, you lose your History, you can access your work in Recent Activity under My Saved Data in My NCBI.

Likewise, if you lose your Clipboard, you can access your items in Collections also under My Saved Data in My NCBI.

My NCBI: Collections

- No limit to the number of Collections.
- No limit to the number of items in a Collection.
- You can share your Collection.

My NCBI: Recent Activity

- Includes your searches and abstracts viewed for the last six months.
- You can search all six months of Recent Activity.

Skill Kit: Use My NCBI – Insurance for History and Clipboard. NLM Tech Bull. 2010 May-Jun; (374):e18.

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June 15, 2010 [posted]

Current Publisher Displays in the NLM® Catalog

Due to technical issues, the "Latest Publisher" field in the NLM Catalog display will be temporarily unavailable for several months beginning on June 14, 2010. This only affects serial publications that have changed publishers during the course of their publication history. All records will continue to display the original publisher in the field labeled "Publisher." Users who need information about the latest publisher can still find the data in the "Latest Publisher" field in LocatorPlus® or in the "Publisher" field of the Journals database. Note that the Journals database only displays the current publisher (it does not show the original publisher), and is only present for journals with citations in Entrez databases.

An announcement will be made once the field is again available in the NLM Catalog.

Current Publisher Displays in the NLM® Catalog. NLM Tech Bull. 2010 May-Jun;(374):e19.

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June 15, 2010 [posted]

Spanning More than a Century, Letters Shed Light on Physicians' Lives in Virginia's Shenandoah Valley

[Editor's Note: This is a reprint of an announcement published on the NLM Web site on June 7, 2010. To be notified of announcements like this, subscribe to NLM-Announces e-mail list.]

The History of Medicine Division's Archives and Modern Manuscripts Program (AMMP) is pleased to announce the launch of a new digital texts site "Physicians' Lives in the Shenandoah Valley," a collection of 828 letters dating between 1786-1907. It is drawn from the Henkel Family Letters collection covering more than a century of life in Virginia's Shenandoah Valley.

The Henkel family settled in New Market, Virginia in 1790. Generations of fathers and sons studied medicine. Over the course of their careers, these physicians ministered to their community, tended to their countrymen on the battlefield, and testified in the nation's courts of law. The letters of the Henkel family richly document the daily life of men in medicine in the nineteenth century and reveal the challenges of the profession as well as the rewards and responsibilities. Their writings colorfully represent the range of events in everyday life, from the minute details of local issues to the national crisis of the Civil War. The missives convey the concerns and characters of the authors, vividly illustrating the writers' personalities, and their experiences as physicians.

For instance in a letter to Caspar C. Henkel from childhood friend Benjamin F. Graves dated August 28, 1861 while encamped on the Greenbriar River, Benjamin marveled at the sublime beauty of his surroundings as he prayed "for our final deliverance from the hands of our enemy, that is now polluting the soil of Western Virginia with their unhallowed feet."

The site contains the complete collection of transcribed letters alongside images of the originals. Curators normalized the majority of place names, general subject terms, and MeSH[®] (Medical Subject Headings[®]) terms to aid searching and browsing. The original spellings are enhanced by pop-up window links that display the normalized phrase. All spellings and verbiage are those of the original writers; no editorial interventions were made, although some layouts differ to enhance readability.

This site marks AMMP's first XML encoded text collection using the DLXS software. The encoded texts conform to the TEI Level 4 (Text Encoding Initiative) specifications, a markup language developed for encoding humanities texts.

Project Conception, Transcriptions/Scanning, Content Development: Jim Labosier

Technical Coordinator, Site Design, and Development: John Rees

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June 16, 2010 [posted]

Celebrating MeSH®: Fifty Years of Medical Subject Headings®

Medical Subject Headings (MeSH) was first published in 1960; in 2010, we observe fifty years of this subject control authority. The first edition of MeSH represented a departure from the "then" usual library practice; MeSH was designed to be used for **both** indexing and cataloging. MeSH continues to evolve and grow. The 2010 edition contains more than 25,000 subject headings in a twelve-level hierarchy.

The NLM® MeSH Section created Web pages that celebrate the highlights of MeSH, its growth, and the staff who have been its creative force.

Celebrating MeSH®: Fifty Years of Medical Subject Headings®. NLM Tech Bull. 2010 May-Jun;(374):e21.

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June 18, 2010 [posted]

NLM Adds Veterans Health Administration Drug Terminology, NDF-RT, to RxNorm

[Editor's Note: This is a reprint of an announcement published on the NLM Web site on June 11, 2010. To be notified of announcements like this subscribe to NLM-Announces e-mail list.]

New Resource Will Enhance Exchange of Drug Information among Computerized Systems

Effective with the RxNorm release on Monday, June 7th, the National Library of Medicine[®] (NLM[®]), the world's largest medical library and an arm of the National Institutes of Health (NIH), will add the US Department of Veterans Affairs, Veterans Health Administration (VHA) National Drug File-Reference Terminology (NDF-RT) as a source vocabulary in its RxNorm database. RxNorm is a standardized nomenclature for clinical drugs, produced by NLM, which includes and links many source vocabularies that are commonly used in pharmacy management and electronic medical record systems.

The June release of RxNorm, including NDFRT, is available at http://download.nlm.nih.gov/umls/kss/rxnorm/RxNorm_full_06072010.zip. A UMLS[®] Metathesaurus license is required and can be obtained free of charge from the same site.

NDF-RT is a terminology used to classify drugs according to their clinical properties, including mechanism of action, physiologic effect, therapeutic category, structural class and the established pharmacologic class used by the FDA. It is an extension of the VHA National Drug File (VANDF), another RxNorm source vocabulary. The addition of NDF-RT to RxNorm is a major step towards achieving interoperability of computerized drug information systems.

On January 29, 2010, NLM and VHA signed an agreement enabling NDF-RT data to be included in the RxNorm monthly releases. It will continue to be released as a source in Unified Medical Language System[®] (UMLS) as well.

For more information regarding NDF-RT specifically, please contact Michael Lincoln at michael.lincoln@va.gov. Questions about the RxNorm representation of NDF-RT should be sent to rxnorminfo@nlm.nih.gov.

NLM Adds Veterans Health Administration Drug Terminology, NDF-RT, to RxNorm. NLM Tech Bull. 2010 May-Jun;(374):e22.

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NLM Technical Bulletin

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June 22, 2010 [posted]

NLM[®] Resource Update: New App for *Health Hotlines*

[Editor's Note: This is a reprint of an announcement published on NLM-Tox-Enviro-Health-L, an e-mail announcement list available from the NLM Division of Specialized Information Services. To subscribe to this list, please see the NLM-TOX-ENVIRO-HEALTH-L Join, Leave, or Change Options page.]

The National Library of Medicine[®] (NLM) *Health Hotlines* is now available as an app for the iPhone[®] and iPod Touch[®]. *Health Hotlines* is also compatible with the iPad[®].

Health Hotlines is a compilation of organizations with toll-free telephone numbers which can assist the public in locating health-related information. It is derived from DIRLINE[®], the NLM Directory of Information Resources Online. DIRLINE contains descriptions of almost 9,000 health and biomedical organizations and resources. Some subject areas included in *Health Hotlines* include AIDS, cancer, diseases and disorders, maternal and child health, aging, substance abuse, disabilities and mental health.

Health Hotlines is also available on the NLM Web site.

NLM[®] Resource Update: New App for *Health Hotlines*. *NLM Tech Bull.* 2010 May-Jun;(374):e23.

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June 23, 2010 [posted]

Health Literacy Search Updated with Numeracy

The Health Literacy Special Query, one of the NLM[®] Special Queries, was updated to include citations to articles about numeracy. This modification was made as numeracy is a growing health literacy concern discussed in the published literature. Health numeracy is the degree to which individuals have the capacity to access, process, interpret, communicate, and act on numerical, quantitative, graphical, biostatistical, and probabilistic health information.

The MEDLINE[®]/PubMed[®] and Health Literacy Information Resources page displays the PubMed search strategy and provides links to other selected sources of health literacy information. The search retrieves citations to English language journal literature. Users are encouraged to use additional features of PubMed to focus the search or expand it. For example, to focus the search, consider using PubMed Limits. To retrieve a pre-calculated set of citations that are closely related to a selected citation, use the Related Citations feature.

In addition, the selected resources on the right side of the MEDLINE/PubMed Search and Health Literacy Information Resources page have been updated to include recent reports and resources.

A statement of health literacy research interests for all participating NIH Institutes and Centers, including NLM, is available. For more information about NLM grants for "Understanding and Promoting Health Literacy," see Large Research Grant (R01) information and Exploratory/Developmental Research Grants (R21) information. Grant applications must be submitted electronically through Grants.gov.

By Marcia Zorn
Reference and Web Services

Zorn M. Health Literacy Search Updated with Numeracy. NLM Tech Bull. 2010 May-Jun;(374):e24.



June 25, 2010 [posted]

LinkOut® for Libraries Training and Educational Resources Page Updates

Libraries that participate in LinkOut and have entered holdings information into the Library Submission Utility may be interested in these two new LinkOut for Libraries Quick Tours:

- Library Submission Utility: Export Holdings (2 minutes): shows users how to create a CSV or a text list of their holdings information from the Library Submission Utility.
- Library Submission Utility: View Usage Statistics (3 minutes): shows users how to view their daily, weekly, monthly or yearly usage statistics of different LinkOut services in the Library Submission Utility.

These Quick Tours are now available on the LinkOut for Libraries Training and Educational Resources page and on the Distance Education Program Resources page. These Quick Tours require the Adobe Flash™ Player and were created using Qarbon's ViewletBuilder™.

The LinkOut Meetings section has been added to the LinkOut for Libraries Training and Educational Resources page. In this section, users will find the PowerPoint® slide presentations from the LinkOut User Meeting at MLA 2010 and links to meeting summaries from previous years.

By Elizabeth Frost
MEDLARS Management Section

Frost E. LinkOut® for Libraries Training and Educational Resources Page Updates. NLM Tech Bull. 2010 May-Jun; (374):e25.

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June 28, 2010 [posted]

June 30, 2010 [Editor's note added]

PubMed® Clinical Queries Page Redesign

[Editor's Note added on June 30, 2010: These changes were implemented in PubMed on June 30, 2010.]

The PubMed Clinical Queries page will soon be redesigned to filter one search by three clinical research areas: Clinical Study Categories, Systematic Reviews, and Medical Genetics (see Figure 1).

NCBI Resources How To My NCBI Sign In

PubMed Clinical Queries

Search Search Clear

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

Clinical Study Categories	Systematic Reviews	Medical Genetics
Category: <input type="text" value="Therapy"/> Scope: <input type="text" value="Broad"/>		Topic: <input type="text" value="All"/>
Results: 5 of 1318 Evaluation of exercise on individuals with dementia and their carers: a randomised controlled trial. [Trials. 2010] Standardized discharge orders after stroke: results of the quality improvement in stroke prevention (QUISP) cluster. [Ann Neurol. 2010] Targets for the prevention of dementia. [J Alzheimers Dis. 2010] Diabetes synergistically exacerbates poststroke dementia and tau abnormality in brain. [Neurochem Int. 2010] Randomized, placebo-controlled, clinical trial of donepezil in vascular dementia: differential effects by hippocampal region. [Stroke. 2010]	Results: 5 of 142 Cerebrovascular accidents in elderly people treated with antipsychotic drugs: a systematic review. [Drug Saf. 2010] Does Ginkgo biloba reduce the risk of cardiovascular events? [Circ Cardiovasc Qual Outcomes. 2010] Use of angiotensin receptor blockers and risk of dementia in a predominantly male population: prospective cohort study. [BMJ. 2010] Prediction of institutionalization in the elderly. A systematic review. [Age Ageing. 2010] Epidemiological studies of the effect of stroke on incident dementia: a systematic review. [Stroke. 2010]	Results: 5 of 752 Alzheimer's disease phenotypes and genotypes associated with mutations in presenilin 2. [Brain. 2010] Coronary artery calcium, brain function and structure: the AGES-Reykjavik Study. [Stroke. 2010] Top health news of 2009. [Johns Hopkins Med Lett Health After 50. 2010] A case report about CADASIL: mutation in the NOTCH 3 receptor. [Acta Neurol Taiwan. 2009] Stroke recurrence in an elderly CADASIL patient on aspirin discontinuation due to severe auto-immunity. [Aging Clin Exp Res. 2010]
See all (1318)	See all (142)	See all (752)
Filter citations to a specific clinical study category and scope. These search filters were developed by Haynes RB et al.	Filter citations for systematic reviews, meta-analyses, reviews of clinical trials, evidence-based medicine, consensus development conferences, and guidelines. See related sources .	Filter citations to topics in medical genetics.

Figure 1: Modified PubMed Clinical Queries page with a search for stroke dementia.

The Clinical Queries page has been reconfigured with columns to preview the first five citations of the results for the three research areas. The radio buttons for Clinical Study Categories and the checkboxes for Medical Genetics have been replaced with pull-down menus. While previewing results, you may make alternate menu selections for the Clinical Study Categories and Medical Genetics to modify those results of your search. Citations display in "Recently Added" order and link to the Abstract format in PubMed. "See all" links to the complete results.

Descriptions of the research areas appear under each column.

By Kathi Canese
National Center for Biotechnology Information

Canese K. PubMed® Clinical Queries Page Redesign. NLM Tech Bull. 2010 May-Jun;(374):e26.

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