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U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894
National Institutes of Health, Department of Health & Human Services
Copyright, Privacy, Accessibility
Freedom of Information Act (FOIA)
Last updated: 28 April 2008
March 10, 2008 [posted]

**NLM® List of Serials Indexed for Online Users 2008 and List of Journals Indexed for MEDLINE® 2008 Now Available**

The *List of Serials Indexed for Online Users 2008* (LSIOU) and *List of Journals Indexed for MEDLINE 2008* (LJI) are now available.

The LSIOU is available in PDF and XML formats. The Document Type Definition (DTD) associated with the serials XML data is available at [http://www.nlm.nih.gov/databases/dtd/nlmserials_080101.dtd](http://www.nlm.nih.gov/databases/dtd/nlmserials_080101.dtd). This edition contains 13,014 serial titles, including 5,246 titles currently indexed for MEDLINE. The LSIOU includes titles that ceased, changed titles, or were deselected.

The LJI is available in PDF format and lists the 5,246 journals currently indexed for MEDLINE as of January 2008.

You must agree to the Terms and Conditions of use to download NLM serials data for both the LSIOU and the LJI. Downloading the data indicates acceptance of the stated Terms and Conditions.

Journals recently accepted for inclusion in MEDLINE are announced on a separate Web page. For additional journal information see the MEDLINE/PubMed Resources Guide.

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March 10, 2008 [posted]

Study Collaborators Included in MEDLINE®/PubMed®

NLM® has noticed a trend in recent years toward the increasing occurrence of group authors as the sole author or as co-authors for published articles. There are also consortia composed of several groups that publish scientific research articles. As of November 2007, there were over 57,000 occurrences of group (corporate) authors in MEDLINE/PubMed with over 17,000 citations with no co-occurring personal authors.

Not everyone involved in a group is actually writing or authoring the paper, however. NLM agrees with organizations such as the International Committee of Medical Journal Editors (ICMJE) and the Council of Science Editors that "Authorship credit should be based on 1) substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3."¹

Taking these and other factors into consideration, NLM decided that it is time to include the individual names associated with the group authors in MEDLINE/PubMed. Therefore, when a group name is included as an author, the respective group member names appearing in the article will be acknowledged as collaborators but not associated with authorship. This significant enhancement allows PubMed users to identify articles to which an individual has contributed, whether as an author or as a collaborator. NLM has implemented this new feature routinely for MEDLINE citations created beginning in March 2008 if the article was published in 2008 forward.

Changes to PubMed's Displays
Records that include collaborator names have a "Collaborators" link on the Abstract, AbstractPlus, and Citation displays (see Figure 1). The number of names will be shown in parentheses.
Clicking on the link will display the names of members of the group(s) found in the collaborator list. Some author names may be repeated as collaborators. And while there may be multiple groups as co-authors on a citation, there will be a single, combined list of collaborators. As with author names, the name of each collaborator serves as a search link in PubMed (see Figure 2). To close the list, click on the Collaborators link.

On the MEDLINE display format the names of collaborators appear in two fields: Investigator (IR) and Full Investigator Name (FIR). Names of NASA-funded investigators which were at one time added to MEDLINE records work in the same way as collaborators.

Changes to PubMed Searching

NLM Technical Bulletin, Mar–Apr 2008, Study Collaborators Included in MEDLINE/PubMed
PubMed's Automatic Term Mapping has been revised so that a name entered using either the
lastname+initials format (e.g., smith ja) or the full name format (john a smith) and no search tag is searched
as author as well as collaborator depending on what exists in the database. To search just for collaborators,
use either the [ir] or [fir] search tags. To search for just personal authors, use the [au] or [fau] search tags, or
use the author search option in Limits or the Single Citation Matcher. For group author names, use the [cn]
search tag. The Preview/Index screen can be used to browse for Author, Full Author Name, Investigator,
Full Investigator Name, and Corporate Name. For more information about searching, see PubMed's Help.

For additional information see Order of Authors in MEDLINE®/PubMed® Citations.

1International Committee of Medical Journal Editors. Uniform Requirements for Manuscripts Submitted to
Biomedical Journals: Writing and Editing for Biomedical Publication [homepage on the Internet].
Available from: http://www.icmje.org/#author

By Lou Wave S. Knecht
Bibliographic Services Division
and
Annette M. Nahin
MEDLARS Management Section

Knecht LS, Nahin AM. Study Collaborators Included in MEDLINE®/PubMed®. NLM Tech Bull. 2008
Mar-Apr; (361):e2.
March 10, 2008 [posted]
April 24, 2008 [3rd Edition]

PubMed Central®: New Journals Participating and New Content Added

New Journals Participating

**Clinical and Developmental Immunology**

[Posted in *NLM Technical Bulletin* March 6, 2008]

The journal *Clinical and Developmental Immunology* is now participating in PubMed Central, beginning with issue 2007; 1(1). Additional content is forthcoming and will have an immediate release.

*Clinical and Developmental Immunology*

- ISSN: 1740-2522 (print)
- ISSN: 1740-2530 (electronic)
- Title Abbreviation: Clin Dev Immunol
- Publisher: Hindawi Pub. Corporation
- NLM ID: 101183692
- PMC Full text coverage: from 2007; 1(1).

**International Journal of Telemedicine and Applications**

[Posted in *NLM Technical Bulletin* March 28, 2008]

The journal *International Journal of Telemedicine and Applications* is now participating in PubMed Central, beginning with issue 2008; 1(1). There is no embargo delay for this journal.

*International Journal of Telemedicine and Applications*

- ISSN: 1687-6415 (print)
- ISSN: 1687-6423 (electronic)
- Title Abbreviation: Int J Telemed Appl
- Publisher: Hindawi Publishing Corporation
- NLM ID: 101467196
- PMC Full text coverage: from 2008; 1(1).
- PMC URL: http://www.pubmedcentral.nih.gov/tocrender.fcgi?journal=588&action=archive
The journal *International Orthopaedics* is now participating in PubMed Central, beginning with year 2007, volume 31. Current content is forthcoming and will have a 12-month delay.

**International Orthopaedics**  
ISSN: 0341-2695 (print)  
Title Abbreviation: Int Orthop  
Publisher: Berlin, New York, Springer-Verlag.  
NLM ID: 7705431  
PMC Full text coverage: from 2007; 31(1).  

The journal *Studies in Mycology* is now participating in PubMed Central, beginning with volume 55 (2006). There is no embargo delay for this journal.

**Studies in Mycology**  
ISSN: 0166-0616(print)  
ISSN: 1872-9797(electronic)  
Title Abbreviation: Stud Mycol  
Publisher: Baarn : Centraalbureau voor Schimmelcultures  
NLM ID: 8411984  
PMC Full text coverage: from 2006; v. 55.  

The *Journal of Cell Communication and Signalling* is now participating in PubMed Central, beginning with volume 1 (2007). Current content is forthcoming and will have no delay.

**Journal of Cell Communication and Signalling**  
ISSN: 1873-9601 (print)  
ISSN: 1873-961X (electronic)  
Title Abbreviation: J Cell Commun Signal  
Publisher: Dordrecht : Springer  
NLM ID: 101308338  
PMC Full text coverage: from 2007; v. 1.  

The journal *Strategies in Trauma and Limb Reconstruction* is now participating in PubMed Central, beginning with

**Strategies in Trauma and Limb Reconstruction**  
[Posted in NLM Technical Bulletin April 24, 2008]  

volume 2 (2007). Current content is forthcoming and will have no delay.

**Strategies in Trauma and Limb Reconstruction**
ISSN: 1828-8936 (print)
ISSN: 1828-8928 (electronic)
Title Abbreviation: Strategies Trauma Limb Reconstr
Publisher: Milano : Springer Verlag Italia
NLM ID: 101299515
PMC Full text coverage: from 2007; v. 2.
PMC URL: http://www.pubmedcentral.nih.gov/tocrender.fcgi?journal=597&action=archive

**BMC Medical Physics**
[Posted in NLM Technical Bulletin April 24, 2008]

The journal *BMC Medical Physics* is now participating in PubMed Central, beginning with volume 8 (2008). This title is a continuation of BMC Nuclear Medicine, ISSN 1471-2385 (electronic). Current content is forthcoming and will have no delay.

**BMC Medical Physics**
ISSN: 1756-6649 (electronic)
Title Abbreviation: BMC Med Phys
Publisher: London : BioMed Central
NLM ID: 101469814
PMC Full text coverage: from 2008; v. 8.

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**PubMed Central®: New Journals Participating and New Content Added. NLM Tech Bull. 2008 Mar-Apr; (361):e3.**

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U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894
National Institutes of Health, Department of Health & Human Services
Copyright, Privacy, Accessibility
Freedom of Information Act (FOIA)
March 10, 2008 [posted]

PubMed® Alerts: E-mail Notification of Major System Problems

NLM® now provides an e-mail notification service, PubMed Alerts, that will notify subscribers of major system problems with PubMed; its two companion databases, MeSH and Journals; and the NLM Catalog. If these databases have a significant service disruption affecting all or most users for a considerable amount of time, an alert will be issued. Alerts providing update and resolution information about a problem will be sent if warranted. This is an announcement-only e-mail notification service that will be most useful for heavy users of PubMed. (It does not include other services/databases, e.g., LinkOut, PubMed Central.) Alerts will be sent out by NLM Monday through Friday, 8:30 am to 5:00 pm Eastern Time (except Federal holidays). To subscribe, send an e-mail to listserv@list.nih.gov. Leave the subject line blank and enter SUBSCRIBE pubmed-alerts your name in the body of the message, e.g., SUBSCRIBE pubmed-alerts jane doe. For more LISTSERV commands, see http://www.nlm.nih.gov/listserv/commands.html.

Records for Images from the History of Medicine Added to LocatorPlus®

In December 2007 NLM® added over 69,000 cataloging records for items in the Images from the History of Medicine Database (IHM) to LocatorPlus. The records represent the vast holdings of the Prints & Photographs Collection in the History of Medicine Division, which range from late 15th-century anatomical woodcuts to early-21st century public health posters. The collection includes portraits, photographs, caricatures, genre scenes, posters, and graphic art illustrating the social and historical aspects of medicine. For more information about the collection, please see the Prints and Photographs Collection Web site.

NLM cannot provide photographic reproductions or digital representations of the items in IHM, but they may be ordered through a third-party vendor. Current vendor contact information for ordering reproductions may be found in the section "How to Access and Use Prints and Photographs" on the Prints & Photographs Collection Web site.

About the Cataloging Records
The majority of the cataloging records are abbreviated descriptions of the images with local subject headings. Figure 1 shows a sample LocatorPlus record in the detailed view. An ongoing cataloging project seeks to upgrade every record to a full description using national standards such as Graphic Materials (2002 revision) and the Anglo-American Cataloguing Rules, 2nd edition, revised. MeSH terms will be added at the same time. IHM records will then be authorized for distribution to the Online Computer Library Center (OCLC). In Summer 2008 when the IHM database migrates to Luna Imaging’s Insight® software, the LocatorPlus records will be used to provide the descriptive data for the new public interface.
Collections of the National Library of Medicine
Search Request: Keyword Anywhere = polioomyelitis
Search Results: Displaying 12 of 49 records

Relevance: [Polioomyelitis ward]

Title: [Polioomyelitis ward] [graphic].

Description: 1 photoprint.


Other Subject(s): Dr. W.H. Groves Latter-Day Saints Hosp., Salt Lake City, Utah, [1949]
Children
Medical instruments and apparatus
Respiration, Artificial
Polioomyelitis
Patients
Hospital units
Iron lung
Salt Lake City, Utah.

Summary: Interior view of hospital unit for polioomyelitis patients; the unit contains three iron lung apparatus, two of which are occupied, and one bed, also occupied.

Notes: Old Negative no. 54-221

Terms of Use: HMD provides access to digital images in lieu of originals when electronic copies exist. Access to originals may require advance notice. Please see HMD Reference Librarian for more information.
Copyright status must be investigated before publishing or commercial use.

NLM Unique ID: 101404089
Other ID Numbers: (DNLM)IHM:0011386
(DNLM)IHM:0011487

Options for Print, Save or E-mail

Select Download Format: Full record with holdings
Print/Save
Save Search Query
E-mail Full Record(s) to: E-mail
Save Results for Later Today: Save To Bookbag
Each IHM LocatorPlus record contains an electronic link to a digital surrogate of the image. In the Detailed View (see Figure 1), the electronic link appears beneath the "Description." In the Holdings View (see Figure 2), the electronic link appears beneath the call number for the holdings location "Internet." Digitization is ongoing. In some cases, researchers may encounter an "Image Not Available" icon when they click on the electronic link. This means that the digital image is still in the processing queue. Researchers may contact the HMD reference desk for more information on how to access these images.

Figure 1: Sample IHM LocatorPlus record, Detailed View.
Collections of the National Library of Medicine
Search Request: Keyword Anywhere = poliomyelitis
Search Results: Displaying 12 of 49 records

Relevance: [Poliomyelitis ward]
Title: [Poliomyelitis ward] [graphic].
Description: 1 photoprint.
NLM Unique ID: 101404089
Other ID Numbers: (DNLM)HN:0011386
(DNLM)HN:0011487

Location: Internet
Call Number: Electronic link free at producer site

Location: HMD Prints & Photos
Call Number: WX 2 AU8 S1D6 no. 14 box 41 ins
Other Locations: Find Other Libraries That Own This

Options for Print, Save or E-mail
Select Download Format: Full record with holdings
Save Search Query
E-mail Full Record(s) to: E-mail
Save Results for Later Today: Save To Bookbag

Copyright, Privacy, Accessibility
U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894
National Institutes of Health, Health & Human Services
Contact NLM
How to Search IHM records in LocatorPlus
There are two ways for researchers to limit LocatorPlus searches to IHM records:

- select the Quick Limit option "History of Medicine Images" (see Figure 3) or
- select "HMD Prints & Photos" under Location in the Search Limits screen (see Figure 4)

Searchers are reminded that both limits only work with keyword and title searches. Limits will stay in effect until you clear them or close your browser.

The quick limit option "History of Medicine Images" is located at the bottom of the Quick Limit Option for Keyword, Title, or Journal Title Search drop-down box, below the option for "Audiovisuals and Computer Files"; use the scroll bar on the right-hand side of the Quick Limit drop-down box to find this limit. To set the quick limit, simply click on the text "History of Medicine Images" (see Figure 3). Enter a search term in the Search: box and select the type of search (Keyword Anywhere or Title) from the As: box.
Figure 3: Quick Limit option History of Medicine Images selected.

To use the location "HMD Prints & Photos" limit, first click on the "Set Limits Before Searching" button located at the bottom right of the Simple Search or Advanced Menu Search screens (as can be seen in Figure 3). Scroll down to the "Location" window and select "HMD Prints & Photos" in the drop-down list (see Figure 4). Click on the "Set Limits" button and then type in your search in a search screen.
Figure 4: Location limit HMD Prints & Photos selected.

When the limit has been set, the phrase "Search Limits are in effect" appears at the top of the Simple Search
and Advanced Menu Search screens. (See Figure 5.) The "Remove Limits" button also appears to the right of the "Set Limits Before Searching" button at the bottom right of both search screens. To remove the limit, either click on the "Remove Limits" button or close your browser.

![Figure 5: View of Simple Search screen when limits are in effect.](image)

**IHM Records in the NLM Catalog**
The LocatorPlus records for IHM are also searchable via the NLM Catalog. There is presently no specific material limit for the records, but they may be identified in the results screen by the phrase [Still Image] after the NLM ID number. Please refer to Figure 6 for an example.
Figure 6: In the NLM Catalog results screen, IHM Records are identified by the phrase [Still Image].

By Laura Hartman
History of Medicine Division

PubMed Central® IDs Display in PubMed® AbstractPlus Format

As mentioned in the article, *Skill Kit: NIH Manuscript Submission System - Get the Help You Need. NLM Tech Bull. 2008 Jan-Feb;(360):e6*, the NIH Public Access Policy has become mandatory, requiring NIH grantees to submit a copy of their accepted, peer-reviewed article to PubMed Central (PMC). This requirement, and others, are explained at the NIH Public Access Policy Web site. An additional requirement is that researchers must provide the PMCID for articles when citing an article in grant applications, proposals, and progress reports. Details on this requirement are found within the Public Access Frequently Asked Questions.

Authors who need the PMC IDs (PMCID) of their publications to fulfill NIH Public Access Policy requirements can now find this on the PubMed AbstractPlus format. The PMCID appears to the right of the PMID in a slightly smaller, lighter-colored text. If there is an embargo date associated with the availability of the published article in PMC, that date is noted (see Figure 1).

![Figure 1: PubMed AbstractPlus format showing PMCID](image)
In the near future, the PMCID will also appear on the MEDLINE format with the field tag, PMC. Another new field for only the MEDLINE display is Manuscript ID which has the field tag, MID. [Editor's note: As of March 26, 2008 the PubMed Central ID and the Manuscript ID display in the MEDLINE format.]

Example:

<table>
<thead>
<tr>
<th>Field</th>
<th>Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMC</td>
<td>PMC1463022</td>
</tr>
<tr>
<td>MID</td>
<td>NIHMS3373</td>
</tr>
</tbody>
</table>

These fields do not appear on the XML display.

A Manuscript ID is an identifier assigned to an author manuscript submitted to the NIH Manuscript Submission System. This may be in support of the NIH Public Access Policy, or another funding agency's policy (e.g., Howard Hughes Medical Institute, Wellcome Trust).

PMCID and MIDs can be searched in PubMed as shown in these examples:

- pmc1463022
- nihms3373

PMCID can be searched in PMC in either of two ways:

- pmc1234567
- 1234567

MIDs can only be searched in PMC using the full identifier, e.g., HHMIMS35653.
March 20, 2008 [posted]

Women's Health Resources from NLM®

[Editor's Note: This Technical Note 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 Division of Specialized Information Services, Office of Outreach and Special Populations, has partnered with the NIH Office of Research on Women's Health (ORWH) to create a Web resource providing scientists and consumers with the latest information on significant topics in women's health research. The information comes from scientific journals and other peer-reviewed sources.

The 2008 NIH Research Priorities for Women's Health were used to identify overarching themes, specific health topics, and research initiatives in women's health. Topics with links to relevant and authoritative resources and research initiatives for women's health are located within each section of the Web site.

Women's Health Resources from the ORWH Web site can be found at: http://orwh.od.nih.gov/nat_lib_med.html

March 24, 2008 [posted]

Updated NLM® Gateway Training Manual Available

The NLM Gateway and ClinicalTrials.gov training manual has been recently updated and is now available from the NLM Training Manuals and Resources Web page. The extensive revision of the Gateway section reflects the newly redesigned user interface (see Debut of a new design for the NLM® Gateway. NLM Tech Bull. 2008 Jan-Feb;(360):e9).

This manual is available for downloading in Portable Document Format (PDF) and Microsoft® (MS) Word formats. The material corresponds to the NLM National Training Center and Clearinghouse training courses.

Feel free to use any part of the manual. You may customize parts for training programs, demonstrations, or workshops you conduct. This resource is not copyrighted.

March 26, 2008 [posted]

**NLM® Improves MedlinePlus® Go Local Search**

On March 19, 2008 NLM released a new search engine for MedlinePlus Go Local, using the Vivisimo® search engine software (see *NLM® Launches New Web Search Engine: NLM Web Site, MedlinePlus®, MedlinePlus en Español. NLM Tech Bull. 2007 Sep-Oct; (358):e6.* for additional information). By popular demand, search results now include health information from MedlinePlus, as well as health services in MedlinePlus Go Local (see Figure 1). An examination of some of the MedlinePlus Go Local search logs (no individual searches are analyzed) shows that users are looking for health information as well as services. Examples include drug names such as Provigil and Cialis, disorders such as GERD and TMJ, and services such as dentists who accept Medicaid and where to get a flu shot. In addition to adding health information from MedlinePlus, the new search results also feature improved relevance rankings, links to maps and directions, bold-face search words in context, and an integrated spell checker to suggest alternative search terms and spelling corrections.
Figure 1: MedlinePlus Go Local search results for tmj.

By Lori Klein
Reference and Web Services

April 03, 2008 [posted]

My NCBI Collections added to PubMed® Send To Menu

My NCBI Collections is now available as a selection under the PubMed results Send to menu (see Figure 1). Sending results to a Collection was previously only available from the Clipboard.

![Image of PubMed Send to Menu with Collections Selection Highlighted.](image)

**Figure 1: PubMed Send to Menu with Collections Selection Highlighted.**

Selecting Send to Collections will display a pop-up box where you can either create a new collection or append to an existing collection. If you do not select any items all results up to 500 citations will be moved to a collection. The Clipboard will retain the option, Send to Collections (previously labeled as My NCBI Collections). For more information see PubMedHelp.

By Kathi Canese
Creating Simplified Web Links to PubMed®

The URL parameters used to generate Web links to PubMed have been simplified. Updated instructions are available in Creating a Web Link to the Entrez Databases. Links using the old URL parameters will continue to work; however, new links should be created using the updated instructions.

The base URL to retrieve citations and search PubMed is:

Retrieve:
To retrieve citations in the default AbstractPlus HTML format, separate PMIDs with a comma after the base URL, e.g.,

To change the display, add the URL parameter ?report=display (where "display" is the name of the desired PubMed display format such as citation, MEDLINE, etc.). To change the format from html to text, use format=text, e.g.,

Search:
To search PubMed use the URL parameter ?term=search (where "search" is the actual strategy), e.g., http://www.ncbi.nlm.nih.gov/pubmed?term=tp53+cancer.

Note: The "+" sign takes the place of spaces. Spaces are not allowed in the URL.
Please note that users intending to send frequent queries or retrieve large numbers of records from PubMed should use the Entrez Programming Utilities (E-Utilities).

By Kathi Canese
National Center for Biotechnology Information

April 14, 2008 [posted]

New Look for PubMed® Search Results Page

LM® is introducing new PubMed searching and display changes in the coming weeks. To begin with, the blue sidebar menu is being removed from the Summary results screens to provide space for forthcoming features. Users will be able to access the sidebar from the PubMed homepage.

April 14, 2008 [posted]

**Radiation Event Medical Management (REMM) Update**

*[Editor's Note: This Technical Note 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.]*

**In response to user requests, we are pleased to announce:**

Continuing education credits sponsored by Centers for Disease Control and Prevention are now available to REMM users:

- Use REMM: obtain CE credits -- CME, CNE, CEU and CHES
- CE credits will be available until January 15, 2009

Mobile REMM for PDAs (Blackberry®, Palm®, Pocket PC) is complete:

- Sign up to be a beta tester! (e-mail us at nlmremm@mail.nih.gov)

**Coming very soon!**

On the REMM Web site:

- More detailed information on the clinical phases of Acute Radiation Syndrome (ARS)
- New section on the Cutaneous Subsyndrome of ARS, with many clinical photographs
- More detailed information on the Hematologic Subsyndrome of ARS
- Introductory tour of REMM highlighting its key features: Flash® video with sound

Order a set of full color wall posters displaying the major REMM clinical algorithms for the wall of your Emergency Department:

- No charge
- Just provide us with your name and address (e-mail us at nlmremm@mail.nih.gov)
- Must be US address
- One per requester

**Your feedback is crucial to the future of REMM!**
Let us know how well REMM suits your needs and what we can do to make it better. Please use the REMM feedback option to tell us what you think.
April 14, 2008 [posted]

NLM® Disaster Information Management Research Center (DIMRC) Web Site

[Editor's Note: This Technical Note 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) is pleased to announce a new Web resource about its Disaster Information Management Research Center (DIMRC).

The DIMRC Web site seeks to provide access to quality disaster health information at all stages of preparedness, response, mitigation, and recovery. Initially, the site will focus on NLM and NLM-supported resources and activities. It will then expand to include other sources of authoritative disaster health information.

NLM has a long history of providing health information during times of disaster. Recognizing the potential of libraries as untapped resources in preparing for disasters, and responding to the current increased need for disaster health information, DIMRC was created to aid the nation's disaster management efforts.

DIMRC is tasked with the collection, organization, and dissemination of health information for natural, accidental, or deliberate disasters. The Center is committed to providing this information as part of the federal effort to help prepare for, respond to, recover from, and mitigate the adverse health effects of disasters. It will work with federal, state, and local government, private organizations, and local communities.

DIMRC will focus its efforts on providing disaster health information resources and informatics research that will be directly beneficial for public health officials, healthcare providers, special populations, and the public.

April 14, 2008 [posted]

**MEDLINE® Milestone - 15 Millionth Journal Citation**

On February 4, 2008 MEDLINE attained a major milestone when the 15 millionth journal citation, counting from 1966 data forward, was added to the database.

If all citations now labeled as MEDLINE, including all those created from the OLDMEDLINE project (pre-1966 that have now had all their old keywords mapped to current MeSH) were counted, then MEDLINE achieved the 15 millionth citation milestone on December 11, 2006.

In future citation milestone announcements, NLM® will use all MEDLINE data as the basis and publish when the counts reach a multiple of five (next announcement will be when MEDLINE reaches 20 million citations).

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**MEDLINE® Milestone - 15 Millionth Journal Citation. NLM Tech Bull. 2008 Mar-Apr;(361):e15.**
The Annual Meeting of the Medical Library Association (MLA) will be held May 16-21, 2008 in Chicago, IL at the Hyatt Regency Chicago. Attendees are invited to visit the NLM exhibit booth (May 17-20) to meet NLM staff and see NLM Web products and services. The NLM Theater at the booth will feature demonstrations and tutorials on a wide variety of topics.

Mark Your MLA Calendars

Monday, May 19 (7:00 am-8:15 am)  
*NLMO*ne Online Users' Meeting "Sunrise Seminar"
Location: Columbus IJ  
NLM staff will highlight recent accomplishments and indicate new developments in a variety of online systems, including MEDLINE®/PubMed®, MedlinePlus® and DOCLINE®.

Tuesday, May 20 (10:30 am-11:30 am)  
*NLMO* Update
Location: Grand Ballroom  
Speakers:
- Dr. Donald A.B. Lindberg, Director
- Sheldon Kotzin, Associate Director for Library Operations
- Diane Boehr, Head, Cataloging Section, Technical Services Division, Library Operations

Sunday, May 18, (7:00 pm-9:00 pm)  
*Friends of the National Library of Medicine (FNLM) Reception* optional ticketed event.
Ticket cost: $60, includes a 1-year FNLM membership.
Purchase tickets when registering for MLA '08.
Further details available at: http://mlanet.org/am/am2008/events/events.html#sunday

FNLM will host a reception for MLA members at the Chicago History Museum, the city's first cultural museum (founded in 1856), located at 1601 N. Clark Street. Guided tours will begin at 7:00
pm, showcasing periods of Chicago's history in newly renovated dramatic galleries followed by a reception featuring live music on Uihlein Plaza with a spectacular view of Lincoln Park, the lakefront, and the Gold Coast.

**Informal Meetings**
Sunday, May 18, (7:00 am-9:00 am)
*MedlinePlus Go Local Discussion Session*
Location: Toronto Room
Meeting is for current and potential Go Local Participants. This is an opportunity to share ideas, discuss issues, and hear what the Go Local evaluation projects are finding.

Monday, May 19 (3:30 pm-4:30 pm)
*LinkOut® User Meeting*
Location: Acapulco Room

**Continuing Education Classes**
While at the meeting in Chicago, consider taking an MLA continuing education class taught by NLM or National Network of Libraries of Medicine (NN/LM) staff or sponsored by NLM, e.g.:

Friday, May 16 (10:00 am-5:00 pm)
*Measuring Your Impact: Using Evaluation for Library Advocacy*
CE 205
Instructors: Maryanne P. Blake and Susan Barnes, Outreach Evaluation Resource Center, NN/LM, Pacific Northwest Region, Seattle, WA

Saturday, May 17 (8:00 am-3:00 pm)
*First Do No Harm: Basic Strategies for Administering Archival Materials in Health Science Libraries*
CE 401
Instructors: Paul Theerman, History of Medicine Division, NLM and Tim Pennycuff, Lister Hill Library of the Health Sciences, University of Alabama-Birmingham

Saturday, May 17 (8:00 am-Noon)
*The Community Health Status Indicators (CHSI) Project: An Important Resource for Determining and Improving Community Health*
CE 305 - Sponsored by the National Library of Medicine
Instructors: Nancy Allee, Taubman Medical Library, University of Michigan-Ann Arbor and Ron Bialek, Public Health Foundation, Washington, DC

Saturday, May 17 (1:00 pm-5:00 pm)
*Grant Writing*
CE 203
Instructors: Ruth Holst, NN/LM, Greater Midwest Region, Chicago, IL and Jo Dorsch, Library of the Health Sciences-Peoria, University of Illinois-Chicago

Saturday, May 17 (1:00 pm-5:00 pm)
*ABCs of DNA: Unraveling the Mystery of Genetics Information for Consumers*
CE 303
Instructors: Arpita Bose, NN/LM, Middle Atlantic Region, New York, NY and Mandy Bayer Meloy, NN/LM, Southeastern Atlantic Region, Baltimore, MD

Saturday, May 17 (1:00 pm-5:00 pm)
Getting Started with Information Outreach in Minority Communities
CE 307
Instructor: Siobhan Champ-Blackwell, NN/LM, MidContinental Regional, Omaha, NE

Wednesday, May 21 (1:00 pm-5:00 pm)
Patient Safety Resource Seminar: Librarians on the Front Lines
CE 300
Instructors: Holly Ann Burt, NN/LM, Greater Midwest Region, Chicago, IL and Sheila L. Snow-Croft, NN/LM, Southeastern Atlantic Region, Baltimore, MD

Wednesday, May 21 (1:00 pm-5:00 pm)
CE 500
Instructor: J. Dale Prince, NN/LM, Southeastern Atlantic Region, Baltimore, MD

Wednesday, May 21 (1:00 pm-5:00 pm)
Introduction to Blogs and Wikis
CE 502
Instructor: Sharon Dennis, NN/LM, MidContinental Region, Salt Lake City, UT


Section-Sponsored Programming
NLM, NIH, and NN/LM staff will also be participating in the following MLA sessions:

Sunday, May 18 (4:30 pm-6:00 pm)
Session Title: Forging Connections to Emerging Research
Topic: The Librarian Emergency Responder: Summary Conclusions from the Oral History Project; Answering the Call: Library roles in Disasters
Speaker: Robin Featherstone, NLM 2nd Year Associate Fellow, Harvey Cushing - John Hay Whitney Medical Library, Yale University, New Haven, CT
Location: Columbus KL

Session Title: Opening Doors: The African American Connection in Medical Librarianship
Topic: Quest for Equality: Opening Librarianship to Librarians of Color
Speaker: Lisa M. Boyd, National Network Office, National Library of Medicine, Bethesda, MD
Location: Columbus GH

Session Title: Opening Doors: The African American Connection in Medical Librarianship
Topic: Opening Doors: Contemporary African American Surgeons
Speakers: Jill Newmark, History of Medicine Division, National Library of Medicine, Bethesda, MD; and Margaret Hutto, Reginald Lewis Museum of Maryland African American History, Baltimore, MD
Location: Columbus GH

Session Title: The Bridge is Out: Better Learn How to Swim-Coping with Budget Cuts-Creative Solutions in Lean Times
Topic: High Tech High Touch: Sharing Staff at a Distance
Speakers: Sharon Dennis, Spencer S. Eccles Health Sciences Library; Claire Hamasu, NN/LM
Monday, May 19 (2:00 pm-3:00 pm)

Session Title: Building Connections to the Future  
Topic: Specialization in Medical Librarianship  
Speakers: Alicia A. Livinski, National Institutes of Health (NIH) Library, NIH, Bethesda, MD; and Courtney D. Crummett, NLM 2nd Year Associate Fellow, Science and Engineering Libraries; Massachusetts Institute of Technology, Cambridge, MA  
Location: Grand Ballroom A

Monday, May 19 (4:30 pm-6:00 pm)

Session Title: Connecting with Administrators to Show the Value of Libraries and Librarians  
Topic: Demonstrating Effectiveness from Planning to Outcomes: One Regional Medical Library's Story  
Speakers: Betsy Kelly, MidContinental Regional Medical Library, Washington University School of Medicine, St. Louis, MO; and Claire Hamasu, Associate MidContinental Regional Medical Library, Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City, UT  
Location: Columbus AB

Session Title: Health Disparities: Chasm, Gap or Bridge  
Topic: Health Disparities: Chasm, Gap or Bridge  
Speaker: John Ruffin, National Center on Minority Health and Health Disparities, NIH, Bethesda, MD

Location: Columbus GH

Session Title: Interconnections: An Interdisciplinary Approach to Medical History  
Topic: Claudius Mayer and Frank (Bradway) Rogers: The End of the Index-Catalogue and the Origins of the Modern Index Medicus, a Personal History  
Speaker: Kathel Dunn, NN/LM, Middle Atlantic Region, New York, NY

Location: Columbus CD

Tuesday, May 20 (2:00 pm-3:30 pm)

Session Title: Forging Connections to Emerging Research: New Technologies  
Speakers: Marisa L. Conte, NLM 2nd Year Associate Fellow, Health Sciences Libraries, University of Michigan; Jean Song, Health Sciences Libraries; Nirit Glazer, School of Education; Barbara Mirel, School of Education; and David States, Bioinformatics Training Program, University of Michigan, Ann Arbor, MI

Location: Columbus KL

Tuesday, May 20 (4:30 pm-6:00 pm)

Session Title: Forging Connections to Emerging Research: New Horizons  
Topic: A Calculator for Measuring the Impact of Health Sciences Libraries and Librarians

Location: Columbus KL
More complete information about these sessions is available at the MLA '08 Annual Meeting Web site at http://www.mlanet.org/am/am2008/events/index.html Click on the link, "Online Program Planner"; then click on the Browse link.

**Posters**

NIH, NLM, and NN/LM staff will be presenting the following posters at MLA:

**Sunday, May 18 (3:30 pm-4:30 pm)**

**Poster Session 1**

**Location: Hyatt Regency, Riverside Exhibit Hall**

**Topic:** Six Essential Social Technologies for Health Sciences Faculty  
Presentation Number: 30  
Presenters: Gillian Mayman; Whitney Townsend; Mark MacEachern; and Marisa Conte, NLM 2nd Year Associate Fellow, Health Sciences Libraries, University of Michigan, Ann Arbor, MI

**Topic:** Medical Librarians in Disaster Preparedness, Response, and Recovery  
Presentation Number: 94  
Presenters: Stacey J. Arnesen; Gale A. Dutcher, Office of Outreach and Special Populations; Cynthia B. Love; and Steven J. Phillips, Division of Specialized Information Services (SIS), NIH, Bethesda, MD

**Topic:** Disaster and Emergency Preparedness Information for Special Populations  
Presentation Number: 132  
Presenters: Gale A. Dutcher, Office of Outreach and Special Populations; and Deena M. Pers, SIS, NLM, Bethesda, MD

**Topic:** Tox Town en Español  
Presentation Number: 136  
Presenters: Cynthia B. Love; and Judy F. Kramer, Contractor, LMIT, SIS, NLM, Bethesda, MD

**Topic:** Bioinformatics Self-help Tools 24/7  
Presentation Number: 140  
Presenters: Courtney D. Crummett, NLM 2nd Year Associate Fellow, Science and Engineering Libraries, Massachusetts Institute of Technology, Cambridge, MA; David Osterbur; and Paul Bain, Countway Library of Medicine, Harvard Medical School, Boston, MA

**Topic:** The BIG: A Collaborative Librarian Group  
Presentation Number: 170  
Presenters: Jean Song; Marci Brandenburg; Marisa Conte, NLM 2nd Year Associate Fellow; and Merle Rosenzweig, Health Sciences Libraries, University of Michigan, Ann Arbor, MI

**Monday, May 19 (3:30 pm-4:30 pm)**

**Poster Session 2**
Location: Hyatt Regency, Riverside Exhibit Hall

Topic: From Tox Town's Neighborhoods to a Virtual World: Representing Environmental Health Concerns in Second Life
Presentation Number: 31
Presenters: Cynthia B. Love; Victor H. Cid; Laura Bartlett; and Judy Kramer, Contractor, LMIT, SIS, NLM, Bethesda, MD

Topic: Making Connections: In-person Hands-on Training Across the United States
Presentation Number: 49
Presenters: Janice Kaplan; Joseph Nicholson; Eva Daniels; Vijay Nandi, Center for Urban and Epidemiological Studies; Sharon A. Brown; and Maureen K. Czujak, National Training Center and Clearinghouse, New York Academy of Medicine, New York, NY

Topic: Qualitative Evaluation of the National Library of Medicine Associate Fellowship Program
Presentation Number: 73
Presenters: Barbara A. Rapp, NLM Associate Fellowship Program, NLM, Bethesda, MD; and P. Zoe Stavri, Consultant, P. Zoe Stavri Research, Analysis, and Design, Gettysburg, PA

Topic: Are We Making a Difference? Citations to Articles Published in ORL-Head and Neck Nursing
Presentation Number: 87
Presenters: Alicia A. Livinski, NIH Library; Pamela C. Sieving, NIH Library; and Susan F. Rudy, National Institute on Deafness and Communication Disorders, NIH, Bethesda, MD

Topic: Database Training for Librarians: Doing it Live and Online from the National Library of Medicine
Presentation Number: 89
Presenter: Katherine B. Majewski, MEDLARS Management Section, Bibliographic Services Division, NLM, Bethesda, MD

Topic: Reconnecting the Past: Moving the National Library of Medicine to Chicago
Presentation Number: 91
Presenters: James Shedlock, Galter Health Sciences Library, Northwestern University Feinberg School of Medicine, Chicago, IL; and Ruth Holst, NN/LM Greater Midwest Region, University of Illinois, Chicago, IL

Topic: Developing Connections Between an Academic Library and a Multidisciplinary Health Sciences Community
Presentation Number: 125
Presenters: Remlee Green; Courtney D. Crummett, NLM 2nd Year Associate Fellow; and Tracy Gabridge, Engineering and Science Libraries, Massachusetts Institute of Technology, Cambridge, MA

Topic: Getting Personal: Librarians Connecting with Patients and Providers through Personal Health Records
Presentation Number: 131
Presenters: Dixie A. Jones, Medical Library, Overton Brooks VA Medical Center, Shreveport, LA; Michael J. Ackerman, Office of High Performance Computing and Communication, NLM, Bethesda, MD; Joan Ash, Department of Medical Informatics and Clinical Epidemiology, School of Medicine, Oregon Health & Sciences University, Portland, OR; Patti Corbett-Bregman, Clinical Solutions, Wolters Kluwer, Madison, CT; Taneya Koonce, Eskind Biomedical Library, Vanderbilt University Medical Center, Nashville, TN; Daphne Plaut, Center for Health Research, Kaiser Permanente,
Portland, OR; Catherine Selden, National Information Center on Health Services Research and
Health Care Technology, NLM, Bethesda, MD; David Sweet, Library Services, FORE Library,
American Health Information Management Association, Chicago, IL; Carla J. Funk, Medical Library
Association, Chicago, IL; and Jean P. Shipman, Tompkins-McCaw Library for the Health Sciences,
VCU Libraries, Virginia Commonwealth University, Richmond, VA

[Editor's Note: This Poster added on April 28, 2008] Topic: Development, Dissemination, and
Utilization of Public Health Systems Research Resources
Presentation Number: 145
Presenters: Rick A. Brewer, Research and Education Division, Medical Center Library; F. Douglas
Scutchfield, Professor of Health Services and Policy; Rick C. Ingram, College of Public, University
of Kentucky, Lexington, KY
(Project funding is provided in part by NLM.)

Topic: Are We Meeting Our Customers' Needs? Evaluation of Information Desk Services and Staffing
Presentation Number: 147
Presenters: Alicia A. Livinski; and Brian Brown, NIH Library, NIH, Bethesda, MD

Topic: Are they benefiting? Developing country author's research productivity in the tropical
diseases literature
Presentation Number: 161
Presenter: Alicia Livinski, NIH Library, NIH, Bethesda, MD

Topic: Enhancing Podcast Development and Activity
Presentation Number: 162
Presenter: Courtney D. Crummett, NLM 2nd Year Associate Fellow, Engineering and Science
Libraries, Massachusetts Institute of Technology, Cambridge, MA; and Robert A. Logan, Lister Hill
National Center for Biomedical Communications, NLM, Bethesda, MD

More complete poster information is available at the MLA '08 Annual Meeting Web site at http://www.mlanet.org/am/am2008/events/index.html. Click on the link, "Online Program Planner"; then
click on the Browse link.

NLM Theater Schedule - Booth 532

Sunday, May 18
Noon What's New with Environmental Health & Toxicology Resources?
12:30 pm The New "Images in the History of Medicine" Software
1:00 pm DailyMed®
1:30 pm NLM Drug Information Portal
2:00 pm NIH Manuscript Submission System
2:30 pm What's New with MedlinePlus & GoLocal?
3:00 pm NLM Gateway Redesign
3:30 pm PubMed Review
4:00 pm LinkOut Update
4:30 pm Citing Medicine
Monday, May 19
10:00 am PubMed Review
10:30 am LinkOut Update
11:00 am What's New with Environmental Health & Toxicology Resources?
11:30 am Health Services Research & Public Health: What's Happening?
1:30 pm PubMed Central® Update
2:00 pm The New "Images in the History of Medicine" Software
2:30 pm What's New with MedlinePlus & GoLocal?
3:00 pm NLM Gateway Redesign
3:30 pm NIH Manuscript Submission System
4:00 pm DailyMed
4:30 pm NLM Drug Information Portal

Tuesday, May 20
10:00 am The New "Images in the History of Medicine" Software
12:00 noon NIH Manuscript Submission System
12:30 pm NLM Gateway Redesign
1:00 pm PubMed Review
1:30 pm LinkOut Update
2:00 pm Health Services Research & Public Health: What's Happening?
2:30 pm PubMed Central Update

Join Us
Please join us at these events! Additional information or changes to this information will be announced in the NLM Technical Bulletin.

By Janet Zipser
MEDLARS Management Section

April 24, 2008 [posted]

**NLM® Classification 2008 Edition Now Available**

The *NLM Classification*, available online at http://wwwcf.nlm.nih.gov/class/, incorporates all additions and changes to the schedules and index from April 2007 through March 2008. The PDF version will be updated with 2008 classification data by April 30, 2008.

The WA (Public Health) and WB (Practice of Medicine) schedules were the major areas of focus for the 2008 edition, along with Table G.

Some WA and WB class numbers were revised to better reflect the scope of the number. For example:

- At WA 275, the caption Traffic accidents. Public health aspects of automobile driving was changed to Traffic accidents. Public health aspects of driving.
- At WA 105, the following note was added: Classify works on the specialty and on the specialty methods here. Classify works on epidemiologic methods alone in WA 950.
- Table G additions are now permitted with more WA classification numbers.

### Class Numbers Added — 2008

<table>
<thead>
<tr>
<th>New Number</th>
<th>Class Name</th>
<th>Former Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>QT Physiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>QT 260.5.V6 Volleyball</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>WA Public Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WA 115 Immunization</td>
<td>WA 110</td>
<td></td>
</tr>
<tr>
<td>WA 300.1 General coverage (Not Table G) [Health issues of special population groups]</td>
<td>None</td>
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<tr>
<td>WA 305.1</td>
<td>General coverage (Not Table G) [Mental health of special population groups]</td>
<td>None</td>
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<tr>
<td>WA 306</td>
<td>Men's health</td>
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<tr>
<td>WA 309.1</td>
<td>General coverage (Not Table G) [Women's health]</td>
<td>None</td>
</tr>
<tr>
<td>WA 310.1</td>
<td>General coverage (Not Table G) [Maternal welfare. Maternal and child welfare. Maternal health services]</td>
<td>None</td>
</tr>
<tr>
<td>WA 325</td>
<td>Child abuse</td>
<td>WA 320</td>
</tr>
</tbody>
</table>

**WB Practice of Medicine**

| WB 55 | Traditional medicine (General or or not elsewhere classified) | WB 50 |
| WB 55.A3 | African traditional medicine | WB 50 |
| WB 55.A7 | Arabic traditional medicine | WB 50 |
| WB 55.A9 | Ayurvedic medicine | WB 50 |
| WB 55.C4 | Chinese traditional medicine | WB 50 |
| WB 55.F3 | Far East traditional medicine | WB 50 |
| WB 55.K3 | Kampo medicine | WB 50 |
| WB 55.K6 | Korean traditional medicine | WB 50 |
| WB 55.T5 | Tibetan traditional medicine | WB 50 |
| WB 55.U5 | Unani medicine | WB 50 |
| WB 65 | Euthanasia. Assisted suicide | WB 60 |
| WB 102.5 | Evidence-based medicine | WB 102 |
| WB 543 | Breathing exercises | WB 541 |

**WD Disorders of Systemic, Metabolic or Environmental Origin, etc.**

| WD 380 | Systemic lupus erythematous | WR152 |

**WM Psychiatry**

| WM 167 | Psychological aspects of crime victims | WM 165 |

**WO Surgery**

| WO 515 | Regenerative medicine | None |
No class numbers were canceled in 2008.

### Table G (Geographic Notations)

The following Table G numbers were added.

#### III. UNITED STATES (as geographical area)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>AN95</td>
<td>Northwestern United States</td>
</tr>
<tr>
<td>AP1</td>
<td>Pacific States</td>
</tr>
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</table>

#### IV. AMERICAS

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA6</td>
<td>Antigua</td>
</tr>
<tr>
<td>DA95</td>
<td>Atlantic Islands</td>
</tr>
<tr>
<td>DD5</td>
<td>Dominica</td>
</tr>
<tr>
<td>DG1</td>
<td>Greenland</td>
</tr>
<tr>
<td>DG45</td>
<td>Guadeloupe</td>
</tr>
<tr>
<td>DS1</td>
<td>Saint Kitts and Nevis</td>
</tr>
<tr>
<td>DS12</td>
<td>Saint Lucia</td>
</tr>
<tr>
<td>DS15</td>
<td>Saint Vincent and the Grenadines</td>
</tr>
</tbody>
</table>

#### VI. EUROPE

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS2</td>
<td>San Marino</td>
</tr>
<tr>
<td>GT7</td>
<td>Transcaucasia</td>
</tr>
<tr>
<td>GV2</td>
<td>Vatican City</td>
</tr>
</tbody>
</table>

#### VII. AFRICA

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA25</td>
<td>Southern Africa</td>
</tr>
<tr>
<td>HB7</td>
<td>Burkina Faso</td>
</tr>
</tbody>
</table>
VIII. MIDDLE EAST AND ASIA
JA12 Central Asia
JA14 Far East
JA25 Southeastern Asia
JA26 Western Asia
JB5 Bhutan
JB8 Burma
JO6 Oman

IX. AUSTRALASIA
KA1 Australasia

X. ISLANDS OF THE PACIFIC AND INDIAN OCEANS
LA3 Oceania
LA5 American Samoa
LG3 Guam
LI2 Independent State of Samoa
LM5 Melanesia
LP1 Palau
LS2 Samoa
LT6 Tonga

XI. INTERNATIONAL AGENCIES
ME8 European Union

The following Table G numbers were made obsolete.

<table>
<thead>
<tr>
<th>OBSOLETE NOTATION</th>
<th>GEOGRAPHIC NAME</th>
<th>NEW NOTATION</th>
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<tbody>
<tr>
<td>GC8</td>
<td>Czechoslovakia</td>
<td>None</td>
</tr>
<tr>
<td>GY8</td>
<td>Yugoslavia</td>
<td>None</td>
</tr>
</tbody>
</table>

EUROPE

MIDDLE EAST AND ASIA
Other Changes to the Schedule
Class number captions were also revised in other schedules. For example:

- At QV 748, ‘Dosage calculations’ was added to the caption.
- At WO 511, ‘Laser surgery’ was changed to ‘Laser therapy’.

Instructional notes were added or modified to clarify classification practices as needed, e.g., a note was modified at WZ 290 to clarify the types of works to be classified there.

Changes to the Index
Seventy-one new index entries were created of which forty-one are from the 2008 MeSH; the remainder are MeSH terms from previous years. Numerous main index entries and cross references were modified to reflect changes in the MeSH vocabulary. In particular, some major categories of index terms affected by MeSH changes were:

Publication types, e.g.,

*Biography [Publication Type] to Biography*

Topical terms that duplicate publication types, e.g.,

*Biography changed to Biography as Topic*

All index entries pertaining to the aforementioned schedule additions and changes were modified.

To learn more about the NLM Classification see the Fact Sheet.

By Sharon R. Willis
Cataloging Section, Technical Services Division

April 25, 2008 [posted]

NCBI "Introduction to Molecular Biology Information Resources" Class Recording

A recording of the National Center for Biotechnology Information (NCBI) Introduction to Molecular Biology Information Resources course, held in New York, NY on April 2-4, 2008, is now available online for public use from the Distance Education Program Resources Web page (or directly at: http://www.nlm.nih.gov/bsd/disted/courses/molbio.html).

This three-day course is intended for librarians with an interest in searching molecular sequence databases.

NCBI recently suspended their educational programs including this class because of budget constraints. After April 2008 this class will no longer be taught. Therefore, the current class has been archived for use by the medical librarian community. The NLM staff wishes to thank the New York, NY class instructors for their cooperation in this endeavor:

Kristine Alpi, William Rand Kenan, Jr. Library of Veterinary Medicine, North Carolina State University Libraries, Raleigh, NC

David Osterbur, Countway Library of Medicine, Harvard Medical School, Boston, MA

The recordings, created in Adobe® Connect™ and available in Flash™ format with captions, are made available by NLM® with the support of the Middle Atlantic Region, NN/LM and the National Training Center and Clearinghouse (NTCC).

April 28, 2008 [posted]

**UMLS® 2008AA Release Available**

The 2008AA release of the UMLS Knowledge Source was made available for download on April 1, 2008 in conjunction with the April 1 RxNorm full release. Users can download both files from the UMLS Knowledge Source Server (UMLSKS). The new UMLS Release includes:

- Forty-seven updated sources, including MeSH, CPT, LOINC, SNOMED CT in English and Spanish, and RxNorm. A complete list of updated sources is available from the 2008AA Source Information page.
- Four new sources:
  - ICNP (International Classification for Nursing Practice)
  - LNC_Braden (The Braden Scale for Predicting Pressure Sore Risk)
  - LNC_FLACC (The Faces, Legs, Activity, Cry, and Consolability (FLACC) Scale)
  - LNC_WHO (Patient Monitoring Guidelines for HIV Care and Antiretroviral Therapy (ART))
- An updated Lexical Variant Generation for 2008 with new and enhanced flow components. Documentation is available from the Lexical Tools homepage.

To access these files you must have an active UMLS Metathesaurus® license and valid UMLSKS account. After you login to the UMLSKS, click on "UMLS Knowledge Sources" under the "Downloads" on the left side of the UMLSKS homepage to download the files. DVDs will be mailed in May to licensees who requested them. Additional information regarding the UMLS is available on the UMLS homepage. New Users are encouraged to explore training materials and other information in the New Users’ Guide.