

March-April  
Volume 2 - Issue 5

# NER'eastah

Newsletter of the New England Regional Medical Library

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## Director's Corner

As of May 1, 2003, we will be entering the third year of our five year contract with [NLM](#) to serve as your [Regional Medical Library](#). I thought I would take this opportunity to review the many services and programs we have to offer as we approach the half-way point.

The goal of the [NN/LM](#) is to provide equal and convenient access to quality health information to those who need it, primarily underserved populations including health professionals, consumers and librarians. The NER accomplishes this goal through 5 major programmatic areas: 1) network services; 2) outreach to health professionals; 3) outreach to consumers; 4) exhibits and 5) technology awareness.

Network services involves promoting and encouraging libraries with health sciences collections to become members of NER and share access to their collections. Libraries whose primary focus is not health sciences but serve consumers in need of health information, such as public libraries, may join the network as affiliate members. Full members, such as hospital libraries and academic health sciences libraries, use [DOCLINE](#) for Interlibrary Loan. Mark Goldstein, NER Network Services Coordinator, offers one-on-one as well as group instruction in [DOCLINE](#) and troubleshoots [DOCLINE](#) questions for network members. There are now 198 affiliate members and 258 full members in NER.

Outreach to health professionals includes facilitating access to NLM's [PubMed](#) databases through the Internet and training. Health professionals may include non-physicians such as nurses, social workers, allied health professionals and case managers, as well as physicians. A special emphasis is on outreach to public health workers during the remainder of this contract period. Donna Berryman, NER Outreach Coordinator, is available to provide PubMed classes or individual consultations. 32 formal PubMed classes have been offered during the past two years.

Outreach to consumers is the newest core programmatic activity for all the RMLs. Although there may be some direct interaction with patients and their families, the primary focus is to work through public libraries. Training for public librarians on how to search NLM's [MedlinePlus](#) and information on how to evaluate Internet based resources has been provided by Javier Crespo, Associate Director. 34 MedlinePlus classes or demonstrations for public librarians have been held.

The NER assists the NLM in promoting its services and products by exhibiting at national as

well as state and local conferences. The NER provides promotional materials such as pens and bookmarks and offers demonstrations and training sessions at meetings of health professional as well as local library groups. We've also begun exhibiting at health fairs and public library meetings in order to foster our consumer health outreach program. All NER Coordinators are scheduled to work one or more exhibits during each year. NER staff exhibited at 12 national conferences and 19 local group meetings during the past two years.

Technology Awareness includes promoting the latest technologies to network members and health professionals. We maintain a NER website, which has been totally revamped this past year. We host listservs/e-mail discussion groups for state and local library groups, such as [NAHSL](#) and [MAHSLIN](#). We also sponsor Technology Awareness conferences for educational purposes. Penny Glassman, Technology Coordinator, oversees this programmatic area. Two conferences, one on consumer health co-sponsored by the [University of Connecticut Health Sciences Library](#) and the other on evidence based resources for physicians co-sponsored by MAHSLIN and the [Massachusetts Medical Society](#), serve as successful models.

In addition to the office staff assigned to these program areas, the work is done by you, our network members. Five advisory committees (Education, Outreach, Technology, Resource Sharing and Statistics) along with the Resource Library Directors group comprise our RAC (Regional Advisory Council) help us determine the underserved populations in need of our services and provide us with valuable feedback on the programs we offer. More than 30 of you advise us in some capacity or another, by serving on committees or reviewing subcontracts and awards.. In addition, a number of NER funding opportunities are available to encourage you to help us carry out outreach activities in your geographic area. The NN/LM's mission to promote equal and convenient access to health information is an ambitious one and the NER office staff cannot do it alone. Over the past two years we have awarded network members approximately \$600,000 in subcontracts and awards for a variety of outreach activities throughout the region. We value your active participation in our programs and thank you for your support during the past two years. We look forward to continuing to serve as your Regional Medical Library and working in collaboration with you to provide the best programs and services that meet the information needs of health professionals, consumers and librarians in New England.

One more note: Effective May 11, Javier Crespo became the NER Associate Director. Please join me in congratulating Javier on his new position within NER. He will be conducting a national search for a Consumer Health Coordinator. See the job posting in this newsletter for more information.

- [Job Opening at the NER](#)

**Elaine Martin, Director**

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## AD-Perspective

People from all corners of our region have already told me, "You know, you have big shoes to fill." And although I knew this from the start, I realize it more and more each day. Debbie Sibley has left our region a legacy of hard work and huge achievements. Debbie inserted herself into many library-related activities and organizations in our states throughout her tenure here.

I am very excited about my new role within the Regional Medical Library. I look forward to seeing many of you throughout our travels. We are just past the midpoint of our 5-year contract and we've accomplished a great deal and there's plenty of work ahead.

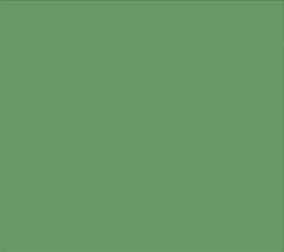
### Some recent developments and upcoming items:

Our new subcontractors have started their work in information outreach throughout the region. Places like the Dana Library at University of Vermont and St. Luke's Hospital Health Sciences Library join other projects like those at Boston College or the Cushing/Whitney Library at Yale University. See the complete list at our Funded Projects pages (<http://nnlm.gov/ner/FundedProjects.html>)

Our work with public libraries and state and regional library systems continues as we offer free training opportunities in consumer health information. As we hire a new Consumer Health Information Coordinator, Donna and myself carry on in the training sessions being requested by member libraries and other organizations.

As we start our new fiscal year we will be announcing new opportunities for funding projects large and small in information outreach and training, course development, technology and information delivery. Look for announcements on NAHSL-L and our website. Also we want to let everyone know that we will have a site visit from NLM on June 17th. NLM will want to hear from member libraries to gather comments about the NNLM programs as well as to hear about how NLM can further meet members' needs. In the coming weeks we will send out announcements and offer an opportunity for member libraries to post their comments electronically through our website. We hope to see many of you on the 17th!!

Javier Crespo, Associate Director



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## HEAR YE! HEAR YE!-- ANNUAL ILL MEETING HAILED GRAND SUCCESS!

In spite of unseasonable weather on the Friday morning of April 4th, NER's Annual ILL Meeting went on without a hitch! Co-sponsored by [NAHSL](#) (North Atlantic Health Science Libraries) and the [NN/LM NER](#) office, roughly 60+ attendees were on hand for the annual event.

Elaine Martin, Director of the NN/LM-NER, delivered the opening remarks. On behalf of NAHSL, Ed Donald also delivered a note of farewell and presented a gift to Debbie Sibley, who's last day was the day of the Meeting. Mary Jackson from the [ARL](#) (Association of Research Libraries) in Washington, D.C. was the keynote speaker. She talked about new trends in interlibrary loan and document delivery, and shared some of her predictions for the future. Much of her talk was based on a preliminary analysis of an ARL survey that is due to be released later this year. Mary also touched on the Open Archives Initiative for the Metadata Harvesting Protocol (OAI-MHP) that provides an application-independent interoperability framework based on metadata harvesting as defined by the Digital Library Federation. What all this translates to is that (looking forward into the crystal ball), librarians will need to get involved with future developments of "metadata" as it relates to the "semantic web", in addition to gaining a greater familiarity with esoteric terminology related to the web and other emerging information technologies.

System updates were also provided for [DOCLINE](#), QuickDOC, CLIO, ILLiad, and EFTS. Following a buffet lunch, there were separate breakout sessions for both hospital libraries and resource libraries. The day's events wrapped up with a brief presentation from Mary Zammarelli on [ARIHSL's](#) recent ability to post ILL statistics interactively on the web, through the use of an electronic form developed by Penny Glassman in the NER office.

If anyone is interested in downloading information from the Meeting (such as [Mary Jackson's presentation](#) or the DOCLINE systems update), here's the page link:  
<http://www.nnlm.gov/ner/DocumentDelivery.html>

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## ACCESS LOCATOR<sup>plus</sup>

### before SEARCHING SERHOLD

Many folks forget to focus their search for member serial holdings in [SERHOLD](#) by first securing the bibliographic record from NLM's web-based OPAC (Online Public Access Catalog), also known as [LOCATORplus](#).

Please refer to the NLM page links listed below for FAQ's (frequently asked questions) and information about how to use LOCATORplus.

<http://locatorplus.gov/help.html>

<http://www.nlm.nih.gov/services/faqlp.html>

You may also contact Mark Goldstein at the NER office (508-856-5964) for assistance.

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### JUST THE 'FAX', PLEASE - AND THE DATE NEEDED BY.

One of our NER members has recently brought to my attention the need to remind borrowing libraries that when they request FAX as the method of delivery for a given borrow request, they need to make sure to also provide a "needed by" date.

As our colleague astutely noted in an e-mail: "in the past, you requested a fax and then changed the date needed so you'd know it was somewhat urgent. Nowadays, (borrowers) change (the method of delivery) to Fax, but (they) do not change the date." One can see how this becomes troublesome for a library with a staff of one: productivity may be lost or compromised by misallocated time taken up with "non-urgent" ILL requests -or even worse -- urgent requests get "lost in the pile" rather than handled expeditiously!

Bottom line: please remember to indicate the date that a request needs to be filled when requesting fax as a method of delivery. Thanks!

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## CAHN'T GET "THAY-AH" FROM "HEE-AH"? AW-YUP! --THE DOCLINE-toMEDLINEplus LINK

There's a mechanism now in place that bridges the DOCLINE/DOCUSER database to the [MEDLINEplus](#) database. Within one of the DOCUSER screens there exists a checkbox that when checked, will list DOCUSER contact information for that library within MEDLINEplus. This feature is particularly useful to MEDLINEplus users seeking contact information for local libraries that house and service consumer health collections.

If you are a DOCLINE participant (that is, FULL member of the NN/LM), you may add your library to the MEDLINEplus list, as follows:

- Step 1. Log into DOCLINE.
- Step 2. Click on the DOCUSER icon.
- Step 3. Click on the Update icon.
- Step 4. Click on the SERVICES tab.
- Step 5. Check the box on the first line next to the text:

,

"Authorizes listing in MEDLINEplus."

If you are NOT a DOCLINE participant (that is, AFFILIATE Member of the NN/LM), you may add your library to the MEDLINEplus list by contacting your DOCLINE Coordinator, Mark Goldstein:

PHONE:508-856-5964

[E-MAIL:mark.goldstein@umassmed.edu](mailto:mark.goldstein@umassmed.edu)

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## AL → K TO THE FUTURE

### ◆ WOULD YOU LIKE TO HOST A DOCLINE or LINKOUT PRESENTATION?

If you would like to host a LinkOut presentation in your local area, please contact Mark Goldstein at 508-856-5964 -or- [mark.goldstein@umassmed.edu](mailto:mark.goldstein@umassmed.edu).

### ◆ NAHSL '03 IN OLDE STURBRIDGE

The [2003 NAHSL Conference](#) Planning Committee looks forward to your participation at their next annual conference "Lighting the Future," October 26-28, 2003, to be held at the Sturbridge Host Hotel and Conference Center on Cedar Lake, Sturbridge, MA.

Mark Goldstein, DOCLINE Coordinator

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## INside OUTreach

You are invited! There will be a full-day [PubMed](#) class offered at the [Robinson Library](#) at [Hartford Hospital](#) on May 16, 2003 from 8:30 - 4:. The class will be taught by myself and Ellen Geraghty, an online analyst with the National Training Center and Clearinghouse ([NTCC](#)). Class will run from 8:30 - 4:30. Participants will be eligible for 7.5 MLA continuing education credits. See [http://nmlm.gov/ner/hhpubmed\\_reg.html](http://nmlm.gov/ner/hhpubmed_reg.html) for additional information and online registration.

If you would like to host a PubMed class - or a class on consumer health issues, or Toxnet, or any of the other NLM databases - please feel free to contact me. I am constantly on the lookout for new audiences!

Is your organization sponsoring a community health fair? If so, if you're interested in having the NER come and exhibit, please let us know.

### THE NEWS

#### News from the NLM Technical Bulletin that you want to be aware of:

- Cancerlit has been retired. See [http://www.nlm.nih.gov/pubs/techbull/ma03/ma03\\_nci.html](http://www.nlm.nih.gov/pubs/techbull/ma03/ma03_nci.html)
- Use the NLM Gateway? Some changes have been made to that database and the interface now recognizes phrases. What does this mean? This means you no longer have to surround multi-word search terms with quotation marks. Read more about this at [http://www.nlm.nih.gov/pubs/techbull/ma03/ma03\\_gateway.html](http://www.nlm.nih.gov/pubs/techbull/ma03/ma03_gateway.html)

**Donna Berryman, Outreach Coordinator**



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## Pubmed Particulars

If you've been searching in PubMed lately and if you practice safe searching (checking that Details box), you'll already be well aware of some changes that have been made to the Automatic Term Mapping function in PubMed.

Some of these changes will have more of an impact on searching than others. It's nice that PubMed now will automatically map more British spellings than it did before, but that may not be the sort of thing that will keep you up at night. The addition of Publication Types to Automatic Term Mapping and the changes in phrase searching will probably be more noticeable. Please see the Technical Bulletin Articles for additional information about these changes. And PLEASE, PLEASE, PLEASE read the one about phrase searching very carefully!

- More British spellings included. See [http://www.nlm.nih.gov/pubs/techbull/ma03/ma03\\_british.html](http://www.nlm.nih.gov/pubs/techbull/ma03/ma03_british.html)
- Publications Type added to Automatic Term Mapping. See [http://www.nlm.nih.gov/pubs/techbull/ma03/ma03\\_pt.html](http://www.nlm.nih.gov/pubs/techbull/ma03/ma03_pt.html)
- Changes to Phrase Searching in Automatic Term Mapping. See [http://www.nlm.nih.gov/pubs/techbull/ma03/ma03\\_phrase.html](http://www.nlm.nih.gov/pubs/techbull/ma03/ma03_phrase.html)

**Cubby Alert!** If you have searches saved in your Cubby, you may want to check them in light of the above information. It is possible that a search was saved that worked very well before but now gives odd results due to the changes Automatic Term Mapping. If this is the case, the search will have to be modified. Searches stored in the Cubby cannot be edited but they can be revised. Please see "Revising PubMed Cubby Stored Searches" for instructions on how to do this

[http://www.nlm.nih.gov/pubs/techbull/nd01/nd01\\_cubby\\_handson.html](http://www.nlm.nih.gov/pubs/techbull/nd01/nd01_cubby_handson.html).



As of April 25, 2003 !

### EMAIL functionality for PubMed

We can now email results from PubMed to patrons and colleagues, mothers and dads.  
See [http://www.nlm.nih.gov/pubs/techbull/ma03/ma03\\_e\\_mail.html](http://www.nlm.nih.gov/pubs/techbull/ma03/ma03_e_mail.html)

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## TechTime



### Wi-Fi, Hot Spots, 802.11, and You

If you have not heard of Wi-Fi yet, you will soon. Wi-Fi is short for Wireless Fidelity, the popular name for 802.11 standard developed by the (IEEE) [Institute of Electrical and Electronic Engineers](#). This is the same group that developed the 802.3 standard, which is commonly known as Ethernet.

The most prevalent Wi-Fi standard is 802.11b, the standard for wireless LANs (local area networks) operating in the 2.4 GHz spectrum with a bandwidth of 11 Mbps (Megabits per Second). 802.11a is a different standard for wireless LANs operating in the 5 GHz frequency range with a maximum data rate of 54 Mbps. For additional information, refer to this [side-by-side comparison](#) of the two standards.

Wi-Fi enables users to connect to the Internet without using wires. Wi-Fi networks are available on university campuses, in small offices, and in homes. In addition, "Hot Spots" are being installed in airports, bookstores, cafés, and hotels worldwide. Hot Spots are making it more convenient for people with laptop computers and PDAs (Personal Digital Assistant) to connect to the Internet. Wi-Fi enabled computers send and receive data anywhere within the range of a base station.

In New England, many Borders Bookstores and Starbucks cafés are installing wireless base stations to become Hot Spots. Customers at selected McDonalds restaurants in New York who purchase an Extra Value Meal receive one hour of free high-speed wireless Internet access, or can purchase a single session of up to 60 minutes for \$3.00. These companies hope that by giving people a place to search the Internet, check E-mail, or chat online, they'll stay longer and spend more money.

On the [University of Massachusetts Medical School](#) Campus in Worcester (UMass Med), a wireless network has been available for years in the [Lamar Soutter Library](#) and is also available in the new Aaron Lazare Research Building. The installation of additional wireless access points is planned on the UMass Med campus over the next few months.

Many hospitals are installing wireless networks to streamline the patron registration process and improve patient care. For example, in some hospitals, nurses can input patient data into the hospital's network, eliminating the need to take handwritten notes and input the data later. In addition, through the use of patient and medication barcodes, it is possible to verify prescription information at the patient's bedside -- reducing the chance of errors. The use of wireless networks can also provide bedside access to patient registration information, laboratory results, and radiology reports.

Wireless networks are installed in homes to easily connect multiple laptops or PCs to the Internet and to each other. People enjoy the ability to access the Internet throughout their house and link multiple computers to each other without wiring their homes.

#### What Makes Up a Wireless Network?

The pieces that make up a wireless network are very similar to those required for a wired network. The Wi-Fi

network consists of two basic components: Wi-Fi radios and access points. Wi-Fi devices "connect" to each other by transmitting and receiving signals on a specific frequency of the radio band.

Wi-Fi radios are embedded or attached to desktop computers, laptops and mobile devices. The access points act as "base stations" -- they send and receive signals from the Wi-Fi radios to connect to the Internet, and if desired to each other.

It is now common for laptop computers and mobile computing devices to come with a Wi-Fi radio as standard equipment. They are ready to operate without wires. For other laptops, a Wi-Fi radio embedded in a PC Card is inserted into the laptop's expansion slot.

Many PDAs have a slot for a Compact Flash format Wi-Fi radio. In addition, small-format Wi-Fi radios for PDAs and mobile data devices are rapidly becoming available.

### **Limitations**

As with any new technology, there are limitations. (Remember when cell phone coverage was limited to a few large cities?) For wireless networks, the three major limitations are Distance/Speed of Connection, Potential Interference, and Security.

- **Distance and Speed**

A major limitation is the maximum distance transmitters can send and receive data. For the 802.11b standard, the coverage distance is up to 300 feet. Base stations are recommended every 200 feet in each direction. For the 802.11a standard, base stations are recommended every 50 feet. The connection to the Internet or LAN is slower the further away the Wi-Fi radio (laptop, PDA, etc.) is from the base station.

- **Interference**

Network interference is possible from any device that operates in the 2.4 GHz spectrum, such as cordless phones, microwave ovens, adjacent Hot Spots, and neighboring wireless LANs. "Interference between medical devices and wireless networks can be mitigated or eliminated," according to a [White Paper \(PDF\)](#) prepared by Cisco Systems, a provider of wired and wireless LANs. In addition, "wireless radios operate on a non-interference basis. This means that they may not cause harmful interference, but they must accept harmful interference, including interference that disrupts service." As a result, there is the potential that certain equipment may interfere with the network, but a lesser chance that the network will interfere with medical equipment.

- **Security**

Wireless LANs (WLANs) are vulnerable to hacking since communication occurs "through-the-air" and the current standard for wireless networks, wired equivalent privacy (WEP), does not yet function properly. It is common for organizations to implement enhanced security software solutions that are available from a number of vendors to ensure privacy. These solutions utilize encryption, authentication, and data integrity to secure wireless communication. Encryption "scrambles" the transmitted data. Authentication is password control to enter the network. Data integrity ensures that system malfunctions or intruders have not altered information between the sender and the receiver.

Many of the companies that sell wireless networks perform a site survey as part of the sales and installation process. This provides information on where to locate base stations for best performance and identifies potential interference issues.

### **Requesting Your Input**

Is your organization using wireless technology, either within the library or the institution as a whole? If so, what are some of the benefits and what have been some of the challenges that had to be overcome? Contact me at [penny.glassman@umassmed.edu](mailto:penny.glassman@umassmed.edu) to share your experience for a future issue of TechTime.

### **Useful Links**

#### **[Wi-Fi Alliance](#)**

A nonprofit international association formed in 1999 to certify interoperability of wireless Local Area Network products based on IEEE 802.11 specification.

[802.11 Planet](#)

A guide to networking products based on the 802.11 wireless networking protocol. Includes daily news, features, reviews, and tutorials.

[List of Hot Spots](#)

Partial list of Hot Spots available by City, State, or Country.

[Comparison of Wireless Standards](#)

Side-by-side comparison of Frequency Band, Speed, Distance Coverage, Number of Required Access Points, Interference Frequency, etc.

[Wireless LAN Equipment in Medical Settings \(PDF\)](#)

Provides background on wireless interference, describes preliminary tests to determine interference, and best practices to minimize or eliminate the potential for wireless LAN radio interference in medical environments. (From Cisco Systems)

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*Penny Glassman, Technology Coordinator*

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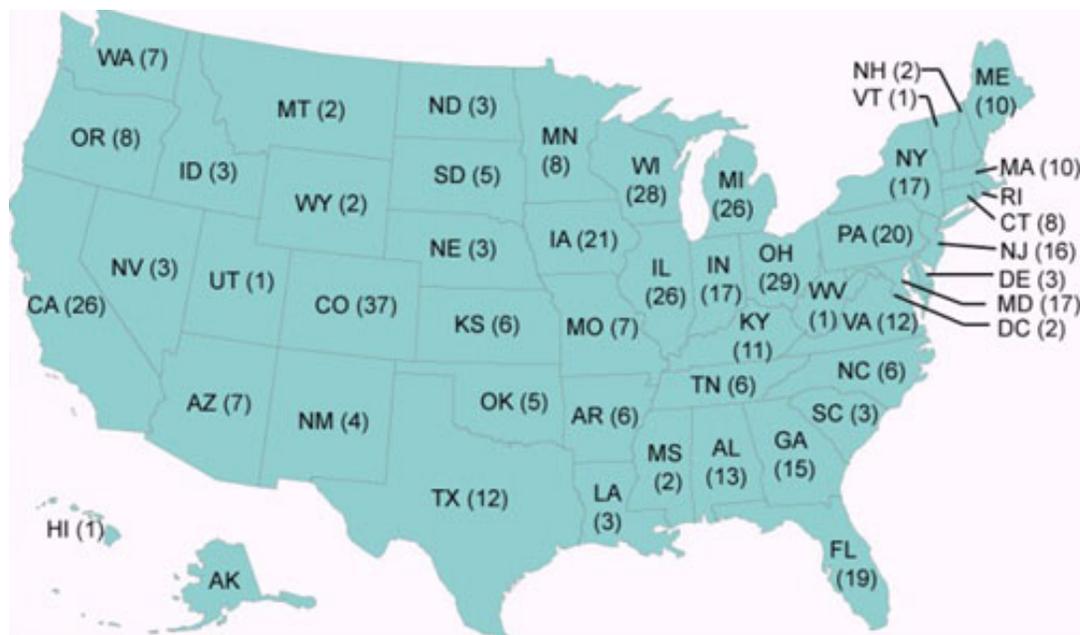
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## Recent MedlinePlus Updates

First and foremost, the Find a Library page in MedlinePlus has been redone. Users can find libraries offering consumer health information services by finding their home state on a map. Libraries can be included in this listing easily: See Mark's ILL-advised article, "[The Docline To Medlineplus Link](#)" on listing your library on MedlinePlus through your DOCUSER record. The chart below shows the number of libraries throughout the country that are listed in MedlinePlus through DOCUSER as of April 29, 2003.



The Find a Library (<http://www.nlm.nih.gov/medlineplus/libraries.html>) page is in the Other Resources section of MedlinePlus.

## Send and Print

Other updates to [MedlinePlus](#) have made topic pages and some content easier to print and send. Every page that can be printed or sent via email will have the these images on the left side of the screen.



Here are the pages where the print and email features function :

News pages from the New York Times Syndicate, Reuters Health Information and others

## Latinos at Risk for Diabetic Eye Complications



Print  
version



Email to  
a friend

Reuters Health

Thursday, May 8, 2003

Note that some news pages linking out of MedlinePlus will not have this function.

### Topic Pages

[Health Topics](#)
[Drug Information](#)
[Encyclopedia](#)
[Dictionary](#)
[News](#)
[Directories](#)
[Other Resources](#)

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](#)

### Diabetes



Print  
version



Email to  
a friend

Contents of this page:

[News](#)

[From the NIH](#)

[Diabetic Eye Complications](#)

#### Latest News

- [Latinos at Risk for Diabetic Eye Complications](#) (05/08/2003, Reuters Health)
- [Active Diabetic Men Live Longer](#) (05/01/2003, Reuters Health)
- [Skipping Meals May Help, Not Hurt, Health](#) (04/28/2003, Reuters Health)
- [Diabetic Women Gain Significant Health Benefits from](#)

#### Interactive Tutorial

View slideshow on:  
[Diabetes](#)

#### Go Local

### Encyclopedia entries

## Medical Encyclopedia

Other encyclopedia topics: [A-Ag](#) [Ah-Ap](#) [Aq-Az](#) [B-Bk](#) [Bl-Bz](#) [C-Cg](#) [Ch-Co](#) [Cp-Cz](#) [D-Di](#) [Dj-Dz](#) [E-Ep](#) [Eq-Ez](#) [F-G](#) [H-Hf](#) [Hg-Hz](#) [I-In](#) [Io-Iz](#) [J](#) [K](#) [L-Ln](#) [Lo-Lz](#) [M-Mf](#) [Mg-Mz](#) [N](#) [O](#) [P-Pl](#) [Pm-Pz](#) [Q](#) [R](#) [S-Sh](#) [Si-Sp](#) [Sq-Sz](#) [T-Tn](#) [To-Tz](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [0-9](#)

### Gaucher disease



Print  
version



Email to  
a friend

Contents of this page:

- [Illustrations](#)
- [Alternative names](#)
- [Definition](#)
- [Treatment](#)
- [Expectations \(prognosis\)](#)
- [Complications](#)

Images from the [Adam.com](#) encyclopedia are not part of the print and email feature.

Drug Information pages

### Fluoxetine



Print  
version



Email to  
a friend

(floo ox' e teen)

Brand name(s): Prozac; Sarafem

Contents of this page:

- [Why is this medication prescribed?](#)
- [How should this medicine be used?](#)
- [Other uses for this medicine](#)
- [What special precautions should I follow?](#)
- [What should I do if I forget a dose?](#)
- [What side effects can this medication cause?](#)
- [What storage conditions are needed for this medicine?](#)
- [In case of emergency/overdose](#)
- [What other information should I know?](#)

Remember that MedlinePlus links to other websites, these websites may or may not have their own print and send features.

Other pages like the Directories pages and Other Resource also do not have the print and send features. The Medical Dictionary section of MedlinePlus also does not have the print and send function.

The email option can send the link to the resource page or the contents of the resource page. Written links are also active so that the recipient of the email can see the url as well as use it to link directly to that site. Give it a try!

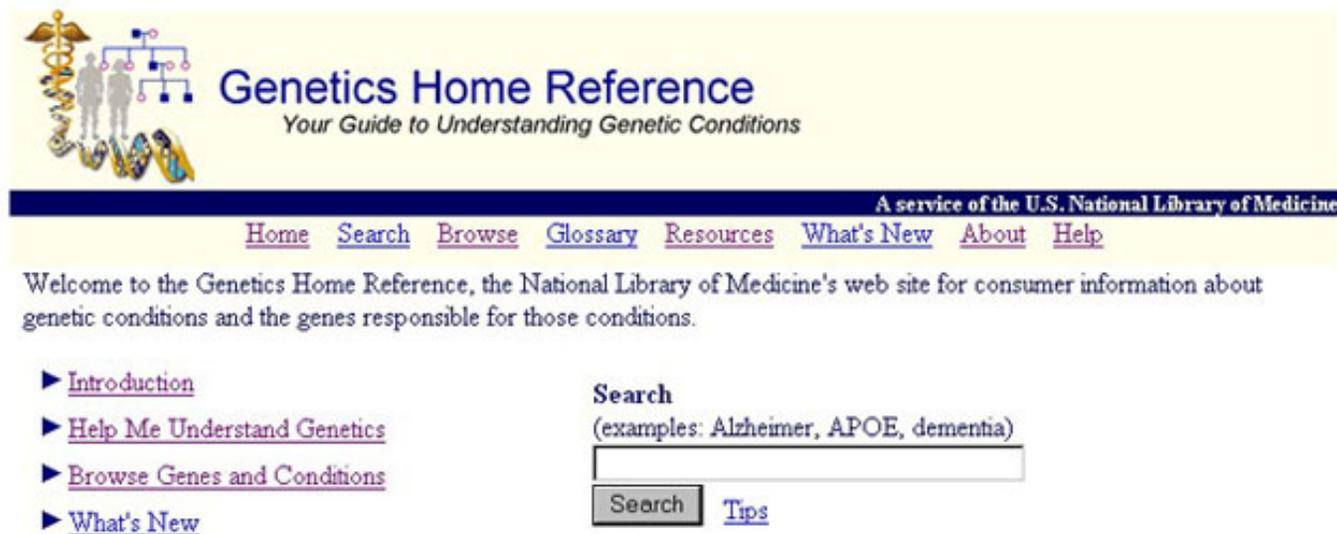
## Also new...

MedlinePlus's own guide to evaluating websites, or as they've dubbed it: MedlinePlus Guide to Healthy Web Surfing, available at <http://www.nlm.nih.gov/medlineplus/healthywebsurfing.html>

Folks at [NLM](#) have promised more updates to MedlinePlus in the future. Including:

- New NIHSeniorHealth topics on
- A growing number of drug information entries in Spanish
- Options to receive email of new links in user-selected topics
- An 'easy to read' topics page

## New Resource: Genetics Home Reference



**Genetics Home Reference**  
Your Guide to Understanding Genetic Conditions

A service of the U.S. National Library of Medicine

[Home](#) [Search](#) [Browse](#) [Glossary](#) [Resources](#) [What's New](#) [About](#) [Help](#)

Welcome to the Genetics Home Reference, the National Library of Medicine's web site for consumer information about genetic conditions and the genes responsible for those conditions.

▶ [Introduction](#)

▶ [Help Me Understand Genetics](#)

▶ [Browse Genes and Conditions](#)

▶ [What's New](#)

**Search**  
(examples: Alzheimer, APOE, dementia)

[Tips](#)

The very latest (April 25, 2003) is NLM's [Genetic Home Reference](#). GHR is a resource for consumers who want to learn more about genetics and its role in medical conditions.

Help Me Understand Genetics provides a basic explanation of how genes work and how mutations cause disorders. There is also current information about genetic testing and gene therapy. The seven 'chapters' within this section cover

- Genes and How They Work

- Genetic Disorders
- Genetic Consultation
- Genetic Testing
- Gene Therapy
- The Human Genome Project and Genomic Research

The Gene Summaries provide descriptions including the official name and symbol of a gene and its location. Explanations cover the genes normal function and how mutations in the gene cause particular genetic conditions. Each gene summary links directly to related genetic conditions and to more detailed information about the gene.

Genetic Condition Summaries provides a description of a genetic condition and a brief description of the symptoms, diagnostic process, and treatment options. The genetic cause of the condition, its frequency, and pattern of inheritance are also explained. In addition, each summary links directly to related gene information and to more detailed information about the condition.

The Genetic Home Reference provides a bridge between the scientific explanations of genetics found in places like Modern Genetic Analysis (<http://www.ncbi.nlm.nih.gov/books/bv.fcgi?call=bv.View..ShowTOC&rid=mga.TOC>) in PubMed's bookshelf. GHR is from the [National Center for Biomedical Communications](#). While there are links to many other genetics resources, the Genetic Home Reference is an example of NLM producing their own content for the public.

**Javier Crespo**

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[NLM](#) | [NN/LM](#) | [NER](#)

Comments to:  
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508-856-5979  
Fax: 508-856-5977

March-April  
Volume 2 - Issue 5



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**THE NEWS**

**NELINET INSTITUTE ANNOUNCEMENT**

**Principles, Money, and Access: An Institute on Building New Scholarly Publishing Relationships**

**Date: June 2, 2003**

Location: NELINET Offices, Southborough, MA

Sponsored by NELINET, Inc., the Boston Library Consortium, and the National Network of Libraries of Medicine/New England Region, the Institute will explore the current state of scholarly publishing industry and its relationships with libraries and consortia. Attendees will hear about changes that have occurred and are occurring in the scholarly publishing industry, and will explore anticipated trends in the next five-to-ten years. The issues will be addressed from the perspective of commercial and alternative scholarly publishers, academic faculty and administration, and library administrators.

Speakers and Presenters (a partial listing)

**Opening Keynote:**

- David R. Worlock, Chairman, Electronic Publishing Services Ltd., London

**Commercial Publishers:**

- Bob Bovenschulte, Director, Publications Division, American Chemical Society
- Marc Brodsky, Executive Director and CEO, American Institute of Physics
- Karen Hunter, Senior Vice President, Elsevier Scientific

**Academic Community:**

- Selma Botman, Vice President for Academic Affairs, University of Massachusetts
- Jonathan Lord, Assistant Director Collection Development, Claude Moore Health Sciences Library, University of Virginia Medical Center

**Alternative Publishers:**

- Adrian Alexander, Executive Director, Greater Western Library Alliance, and Treasurer, BioOne

**Closing Keynote:**

- James Neal, Vice President for Information Services, Columbia University

**Registration fee:**

NELINET Full Member, Boston Library Consortia Member or National Network of Libraries of Medicine/New England Region Member: \$ 135.00

NELINET Affiliate Member: \$160.00

Non-Member: \$ 190.00

To register online, please complete the online registration form at: <http://www.nelinet.net/calendar/wkshpreg.htm>



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## **Job Opening at the New England Regional Medical Library!**

### **UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL --- POSITION DESCRIPTION**

#### **WORKING TITLE**

- Regional Medical Consumer Health Coordinator Medical Center Library

#### **GENERAL SUMMARY OF POSITION:**

Builds the consumer health program within the region by developing the region's infrastructure to respond to consumer health information needs and raises the awareness of New England region health professionals, consumers and librarians about this program. Responsible for developing the delivery technologies, selecting appropriate software, teaching users, evaluating and reporting results of consumer health information.

#### **MAJOR RESPONSIBILITIES:**

- Develops goals and objectives for the consumer health program in consultation with NLM, the Associate Director and other New England region staff.
- Reports on progress in meeting program goals and objectives.
- Develops proposed budget for programs with the Associate Director.
- Provides referrals and information on the New England region and NN/LM services, NLM systems, and the consumer health program to healthcare and public librarians and healthcare professionals in the region.
- Exhibits NLM, NN/LM, and NER products and services at regional and national meetings, with an emphasis on the consumer health program.
- Writes and edits articles on Consumer Health for the New England region's newsletter and edits a special issue on consumer health for the newsletter.
- Develops and conducts training and demonstrations of MEDLINEplus and other NLM systems and develops and teaches classes on consumer

health topics.

- Monitors consumer health outreach subcontracts in the region.
- Develops and maintains content on the New England region web site for program area and collaborates with other regions in developing content for the NN/LM website.
- Promotes network membership to public librarians within the New England region.
- Promotes the consumer health program to state libraries, public libraries and health sciences librarians.
- Serves as a liaison to the Consumer Health Advisory Boards of Outreach Subcontracts.

#### **MINIMUM REQUIREMENTS:**

- Masters degree from an ALA accredited library program. 3-5 years experience in an academic health sciences, academic, research or special library.
- Familiarity with consumer health resources.
- Working knowledge of the internet; familiarity with using HTML and/or website development experience also helpful.
- Ability to plan and implement innovative services.
- Teaching experience.
- Experience in information management programs.
- Demonstrated ability to communicate clearly and effectively in both oral and written communications.
- Evidence of excellent interpersonal skills. Ability to work cooperatively in a demanding and changing environment with all levels of staff and a variety of users.
- Flexibility; initiative; problem-solving skills; energy and time management skills.
- Ability to meet deadlines.
- Active and continuing membership in the Academy of Health Information Professionals (AHIP), the Special Library Association, or the Medical Library Association (MLA).

#### **SUPERVISION RECEIVED:**

Reports to the RML Associate Director. Performs independently within established strategy, objectives and principles. Operates with a high degree of independence developing and implementing actions consistent with the mission of the Regional Medical Library program. Proactively refers high-impact issues beyond scope of responsibility to immediate supervisor.

#### **SUPERVISION EXERCISED:**

- None.

#### **ENVIRONMENTAL WORKING CONDITIONS:**

- Usual academic medical center environment with education, patient care and biomedical research facilities.
- Base of normal office environment with high rate of interruption. Occasional exposure to high noise.
- Occasional off-regular working hours, weekends and holidays. Occasional lifting of heavy items up to 25 lbs.
- Occasional travel on- and off-campus with possible overnight stays. VDT exposure.
- Car required for travel between campus and off-campus dept offices. Dust exposure.
- Although all aspects of this position may not be described, I certify that this is an accurate statement of the major responsibilities and the necessary minimum qualifications.

[Contact Javier Crespo](#), Associate Director-508-856-2223 or 1-800-338-7657

## Greetings and Farewell



I was invited to write a final article for the NER'eastah - and threatened with the posting of ugly pictures if no articles were forthcoming. At the risk of having your memory of me as a colleague be a picture of me in a funny wig, I write these words -

When I moved to New England eleven years ago, I never imagined the friendships and professional growth that I would experience here. I have been privileged to work in excellent organizations and to serve on the MAHSLIN and NAHSL Boards. I have participated in the development and growth of new services at UMass. Thanks to Elaine Martin for giving the opportunity for several of these new experiences and many professional opportunities.

The start-up work of a new RML office was both demanding and fun. Figuring out staffing and budgets and establishing the new office at UMass involved the work of many people. Thanks to everyone who laid the groundwork (Elaine, Deb Dulmaine Coonan, Mary Piorun in particular) and to everyone who said "yes" when they were called on to participate on committees, the RAC, subcontracts and awards and personal advice (you know who you are and there are too many of you to start naming names). This office is a group effort and provides excellent service thanks to your guidance and expressions of need.

As I move to a new position at Thomas Jefferson University, I will carry my experiences in New England with me and treasure many happy memories of times there. The years I was able to spend in New England have been exciting, challenging and personally rewarding. I've enjoyed working with all of you on professional groups and committees and boards. I've loved getting to know so many of you as friends as well as colleagues. I look forward to continuing our friendships although it will have to be in a new format.

Thanks to everyone in New England for your friendship and support!

Debbie Sibley

[NLM](#) | [NN/LM](#) | [NER](#)

Comments to:  
[Rebecca.Chlapowski@umassmed.edu](mailto:Rebecca.Chlapowski@umassmed.edu)

[University of Massachusetts Medical School](#)

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508-856-5979

Fax: 508-856-5977

March-April  
Volume 2 - Issue 5

# NER'eastah

Newsletter of the New England Regional Medical Library

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## LINKS

[\\*DOCLINE and MEDLINEplus Consumer Health Libraries](#)

[\\*NLM hosts Dream Anatomy Symposium](#)

[DOCLINE 1.5 Released](#)

[PARTNERS In Information Access-The Public Health Workforce](#)

[NER Funded Subcontracts and Awards on the NN/LM NER web site](#)

[Current Funding Opportunities](#)

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Comments to:

[Rebecca.Chlapowski@umassmed.edu](mailto:Rebecca.Chlapowski@umassmed.edu)

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UNITED STATES

# National Library of Medicine

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## HEALTH INFORMATION

MEDLINE/PubMed, MEDLINEplus, NLM Gateway

*Welcome to the world's largest medical library  
and creator of MEDLINE/PubMed.*

## LIBRARY SERVICES

Catalog, Databases, Historical Materials, MeSH, Publications,  
Training, Grants, Network of Libraries

### *Current Exhibit at NLM*



## RESEARCH PROGRAMS

Computational Molecular Biology, Medical Informatics, Visible  
Human Project, UMLS

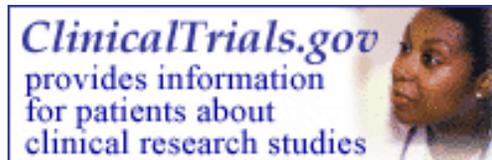
*For the Public*  
**MEDLINEplus<sup>®</sup>**  
Health Information  
También en español

## NEW & NOTEWORTHY

Announcements, Exhibits, New on this Site, Hot Topics

## GENERAL INFORMATION

Visiting the Library, FAQs, Staff, Jobs, Contacts



[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](#)



Need help with health information? The **National Network of Libraries of Medicine (NN/LM)** can assist you. Contact us at 1-800-338-7657.

## **Health Information**

Concerned about your health or that of a friend or family member? Search NLM databases using MEDLINEplus or PubMed. Find a library, training materials, a class to take, or someone to teach a class for your organization.

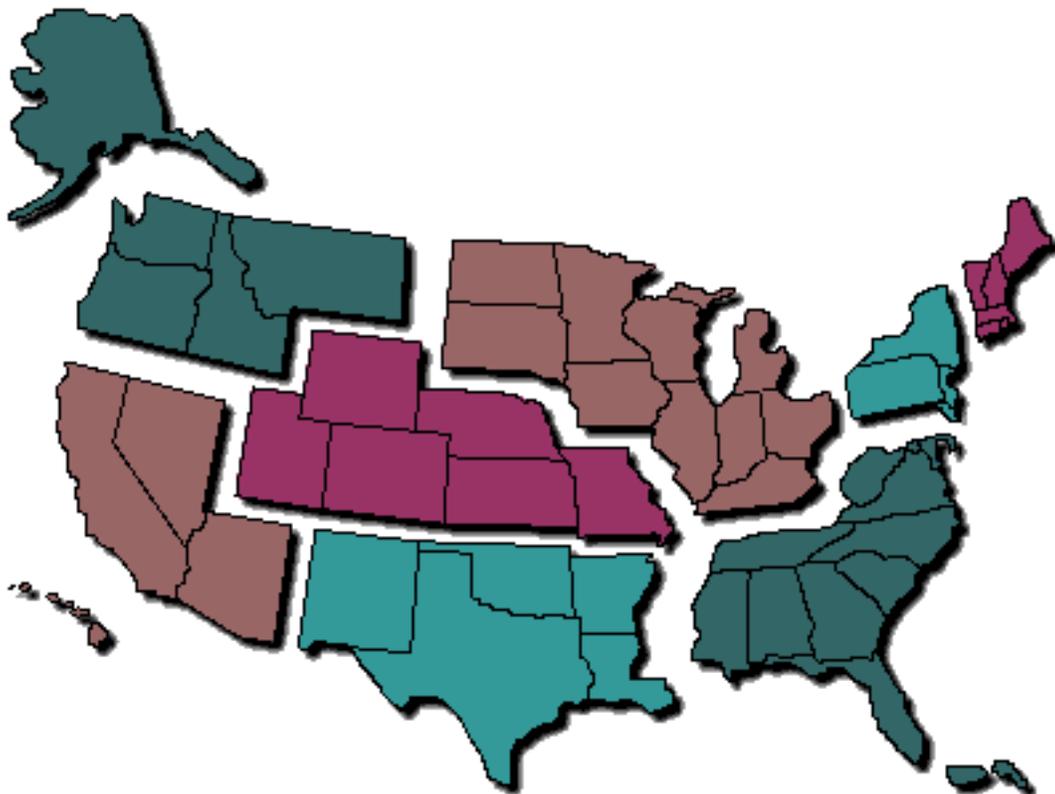
## **Librarian & Health Educator Resources**

Classes and training materials. Provide health information to the public. Use DOCLINE and SERHOLD. Provide Loansome Doc service.

## **Projects**

Funding opportunities, subcontracts and awards, Outreach Evaluation, Partners in Information Access for Public Health Professionals, Tribal

Select one of the regions in the map to visit that NN/LM regional office's Web site.



Connections.

## [About Us](#)

Mission statements, program objectives, general information, staff lists, employment opportunities.

## [Announcements](#)

News items, upcoming exhibits, calendar items, opportunities.

## [Search](#)

Search the NN/LM web site

**NN/LM Home** : [Health Information](#) | [Librarian & Health Educator Resources](#) | [Projects](#) | [About Us](#) | [Announcements](#) | [Search](#)

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[NN/LM Web Developers](#) | Revised: August 17, 2002

<http://nnlm.gov/>





# New England Region



[Connecticut](#) | [Maine](#) | [Massachusetts](#) | [New Hampshire](#) | [Rhode Island](#) | [Vermont](#)

[Consumer Health](#)
[Outreach](#)
[Document Delivery](#)
[Online Resources](#)

**News to Muse:** *Center for Studying Health System Change: [Seeking Health Care Information: Most Consumers Still on the Sidelines](#)*

**[New!](#) Requesting Your Input for NLM Site Visit. Please complete the [Site Visit Form](#) by June 5th. Your opinions are important to us.**

The National Network of Libraries of Medicine (NN/LM), New England Region (NER) supports the health information needs of librarians, healthcare professionals, educators, and consumers throughout New England.

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[Outreach Services to Librarians and Health Educators](#)

[Document Delivery](#)

[Online Resources for Librarians and Health Professionals](#)

[NER Funding Opportunities](#)

[NER'estah - Newsletter of the NER](#)

[Training and Conference Schedule](#)

**MEDLINEplus<sup>®</sup>**  
Health Information

PubMed

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 **Partners**  
in Information Access for  
the Public Health Workforce

The NN/LM NER is funded by the [National Library of Medicine](#) under a contract (#N01-LM-1-3518) with the [University of Massachusetts Medical School](#) in Worcester.

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Updated: December 31, 2002

URL: <http://nmlm.gov/ner/>

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# University of Massachusetts Medical School

*National distinction in health sciences education, research, and public service*

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### News at UMMS

[Study explores complications associated with weight-loss surgery.](#)

[UMass Medical School Cell Biologist Dr. Craig Mello wins prestigious Wiley Prize.](#)

[UMMS researcher Yu-Li Wang, PhD, appointed to National Institutes of Health council.](#)

[Polyubiquitination of p53 described in the journal Science.](#)

[More News...](#)



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