



# MIDDLE ATLANTIC PERSPECTIVE

Newsletter of the  
National Network of Libraries of Medicine

Middle Atlantic Region  
New York • New Jersey • Pennsylvania • Delaware

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## **NOTE:**

This is a newsletter. The links and information are up-to-date when published and are NOT updated after the published date.

## **AVE ATQUE VALE**

By Mary Mylenki, Associate Director

This is very likely the last thing I will write for the *Middle Atlantic Perspective*, and guess what, it isn't easy. As most of you already know, I will be leaving my long time position here at the end of September. Anyone who has had any contact with me in recent months knows that I am very eagerly looking forward to my early retirement, rest and relaxation, and time for lots of personal interests.

In the 18 years that I have been Associate Director for this region of the NN/LM, we have all seen amazing changes. In 1986 I didn't have a computer on my desk, and nobody had heard of e-mail (or even voice mail, really). Can't live without them now. DOCLINE was a bit more than a gleam in NLM's eye, but it was during my first year here that we introduced DOCLINE to the region. Which, by the way, was then the Greater Northeastern Region – 10 states, our current four plus New England. And although we were all members of the "network," it was definitely a small "n." Only in about 1987-88 did we begin formalizing the National Network of Libraries of Medicine as we now know it. Newsletters have gone completely electronic, and listserves are a way of life.

The people we work with and for have changed, too. We didn't have the consumer as an important part of our constituency until about six years ago. But the health sciences librarian remains supreme, at least as far as I am concerned. I will always admire the hard work and dedication of the hospital librarian, often against really difficult odds.

There are some things I won't miss at all, but at the same time there are a few things it is not so easy to leave behind, first among them of

course the friendly and collegial relationships. It has been a privilege and a pleasure to know and work with so many of you, and there are many friendships I shall continue to treasure. I have enjoyed working directly with many of you over the years and will miss those times we get together, such as Chapter meetings, HSLANJ meetings, other special occasions. Thank you all for your assistance, support and friendship.

## **NN/LM MIDDLE ATLANTIC REGION LIBRARIES AWARDED NCLIS BLUE RIBBON AWARDS**

The U.S. National Commission on Libraries and Information Science (NCLIS) announced the winners for the 2004 NCLIS Blue Ribbon Consumer Health Information Recognition Awards for Libraries. Nominated by state library agencies, the awards are designed to highlight libraries that do the most to promote a healthy lifestyle. NCLIS administered the award, providing overall direction, with a special task force of NCLIS Commissioners volunteering to organize the process and judge the entries.

Award winners were chosen based on the overall success of the library's consumer health information services program, with particular emphasis on the program's potential best practices in consumer health information distribution done through the libraries. The report will be published by NCLIS, available in the fall.

We extend heartiest congratulations to the following award winners in the NN/LM Middle Atlantic Region:

Delaware Academy of Medicine  
Lewis B. Flinn Library  
Wilmington, DE  
<http://www.delamed.org/>

Jersey Shore University Medical Center  
Booker Health Sciences Library  
Neptune, NJ  
<http://www.meridianhealth.com/>

Crandall Public Library  
Health Information Center  
Glens Falls, NY  
<http://www.crandalllibrary.org>

Cumberland County Library System  
Carlisle, PA  
<http://www.co.cumberland.pa.us/ls/default.html>

The NCLIS is a permanent, independent agency of the Federal government charged by Public Law 91-345 to advise the President and Congress on national and international library and information policies, to appraise and assess the adequacies and deficiencies of library and information resources and services, and to develop overall plans for meeting national library and information needs. Broadly speaking, NCLIS is responsible for addressing the information and learning needs of the American people. For a complete listing of the Blue Ribbon recipients, go to <http://www.nclis.gov/news/pressrelease/pr2004/2004list.html>

## **THE NATIONAL TRAINING CENTER & CLEARINGHOUSE (NTCC) EDUCATIONAL DATABASE SURVEY RESULTS**

*by Maureen Czujak, Assistant Director  
National Training Center and Clearinghouse*

The National Training Center & Clearinghouse (NTCC) would like to thank those of you who participated in the survey conducted last year.

### **I. Purpose**

The Training Center was interested in finding out:

- Were users aware of the existence of the Educational Database;

- Were Professionals using the database;
- What states were the respondents from;
- Were any from outside the USA;
- Where the computers were located for access to the database;
- What information were they looking for;
- Basic information about the users of the database;
- Implement suggestions on ways to improve educational database based on findings of survey.

## II. Methods

NTCC staff loaded an anonymous questionnaire on a NTCC web page. Announcements and requests for participation were sent to the RMLs and listserves throughout the NN/LM network. Responses were received via e-mail.

A set of eleven questions was asked and posted on the RML/NTCC website:

1. What is your country of residence? If the USA, what state?
2. What is your gender?
3. What is your age?
4. What is your profession?
5. How did you learn of the National Training Center & Clearinghouse's Educational Database?
6. Is this your first visit to the NTCC Educational Database web page?
7. Where do you use the Educational Clearinghouse database?
8. Please give a short sentence describing what you were looking for and how you intend to make use of the information.
9. Were you able to find what you were looking for?
10. Please rate your satisfaction with the NTCC Database.
11. Will you return to the National Training Center & Clearinghouse's web page?

The survey ran on the NTCC web site from June 1 to June 30, 2003. Upon completion of the survey, a database was created to review the responses and tally the survey results. Excel charts were created from the numbers.

## III. Results

During the month-long survey period, the evaluation form received a total of 507 hits. Of this number, 205 (40%) responded to at least one question. Out of this 205, 151 (74%) provided usable information.

- 48% of the responding individuals stated they were not aware that the NTCC Educational database existed.
- The majority of respondents (83%) did not make any suggestions on how to improve the Clearinghouse's database.
- The responses with suggestions:
  - o Fourteen would like to see a keyword thesaurus attached to the database with links to the records;
  - o Two suggested changing the structure of the database;
  - o One suggested changing the names/definitions of the forms of materials included;
  - o One suggested this resource should have a link on all RML pages and a link from the NLM page;
  - o One would like to see less scrolling and clicking;
  - o One suggested a definition of audience categories;
  - o One asked that more information be included regarding the decision-making process of what items are entered;
  - o Two suggested more foreign language materials should be included;
  - o One stated keywords should be assigned/indexed by professionals;
  - o One suggested more biographical and address material for authors.
- The respondents who provided useful answers explained what information they were seeking and stated they found the information sought (52%), and of this number, 40% stated they frequently found what they were seeking.

- The majority of the users were librarians (83%) and they were looking for educational tools to help in their classes, tutorials and creation of manuals.

The following is a summary of the categories representing the highest percentage of responses from ten of the questions:

### Summary of Responses

- State: New York - 19%
- Gender: Female - 87%
- Age: 46-65 - 58%
- Profession: Librarian/Information Specialist - 83%
- Learn of database: NN/LM site - 48%
- First/repeat visit: Repeat - 64%
- Where use: Work - 66%
- Able to find information: Frequently - 40%
- Rate Satisfaction: Satisfied - 47%
- Return to NTCC Database: Very Likely - 59%

### IV. Conclusions/Recommendations

- Due to the high number of responses claiming they did not know of the existence of the NTCC educational database, the staff of the NTCC and the other members of the NN/LM must promote this site more aggressively;
- The NTCC has started work on building a keyword thesaurus due to the responses from the survey;
- The NTCC has concluded that people are able to find information, and are frequently satisfied with their results; in the future the NTCC is planning on conducting a “usability” study of the site.

The charts for all but the eighth question may be viewed on the NTCC web site at <http://nmlm.gov/mar/online/survey.html> There is no chart for the eighth question because the responses could not be tabulated. The question was open-ended, dealing with the information respondents were seeking and they wrote in the information.

### WIRELESS MEDICINE – CONTENT, CONNECTIVITY AND DEVICES

*by P.L. (P.J.) Grier, Jr., MA, MLS, AHIP  
Director, Library & Information Service  
Lewis B. Flinn Library, Delaware Academy of Medicine*

Medical information accessed wirelessly through hand-held or desktop computing devices is becoming more the norm. Unfortunately it’s difficult to know what operating systems, applications and devices are best to use in various medical specialties and institutional settings, like hospitals and nursing homes.

This past April 30, the Delaware Academy of Medicine’s Lewis B. Flinn Library sponsored a daylong conference on wireless medicine for physicians, nurses, pharmacists, medical librarians and other healthcare professionals at the Riverfront Center in Wilmington, DE. This CME event was highlighted by a keynote presentation delivered by Donald A.B. Lindberg, M.D., Director, National Library of Medicine (NLM).

A breakfast plenary discussion highlighted three initiatives underway in Delaware. Edward Ewen, M.D., of the Christiana Care Health System (CCHS), delivered a status report on the electronic medical record project sponsored by the Delaware Health Information Network; Charles Molloy of CCHS gave an overview of wireless connectivity issues affecting Delaware hospitals; and a member of the Delaware Academy of Medicine’s Board of Directors, Christopher Casscells, M.D., spoke about connectivity essentials in private practice.

At another session, Eric Berman, D.O., and Jay Patel, PharmD, from Horizon Blue Cross/Blue Shield, presented an e-prescription model currently in use in New Jersey. Denise Watkins, B.S., of GlaxoSmithKline gave a hands-on presentation for new users of wireless technologies and devices; and Gabriel Rios, M.L.S., Assistant Director for Information Services and Technology at the University of Virginia’s Claude Moore Health Sciences Library, spoke about legal, regulatory and security issues.

Brent Thompson, DNSc, conducted a session on the use of hand-held devices in nursing education and

clinical practice and Ra Nae Stanton, M.D., Southern Illinois University School of Medicine, spoke in depth about the variables of medical software selection. A session on the next generation of mobile devices in health information was delivered by Russell Maulitz, M.D., Drexel University Colleges of Medicine and Information Science and Technology; and Denise O’Shea, M.L.S., of the National Network of Libraries of Medicine, Middle Atlantic Region spoke about a recent NLM initiative, “PubMed in your Pocket” – using PubMed on handheld devices. In closing, Jeffrey Hawtof, M.D., of Millsboro, DE shared his thoughts about wireless technology issues and tools in a rural family practice.

The exhibition area was well represented by fifteen technology exhibitors. About 100 healthcare professionals attended the one-day event, with approximately 72% self-identified as physicians, 10% as librarians, 8% as practice managers, 5% as nurses, with the remainder not self-identifying. In addition to Delaware, attendees hailed from West Virginia, Maryland, Pennsylvania, New York, New Jersey, and Virginia. The feedback we received was extremely positive; many of the attendees who responded to the conference evaluation form urged the Academy to consider doing the event annually. We have taken that advice under consideration.

We are grateful for the support afforded the conference by its two major sponsors: the National Network of Libraries of Medicine, Middle Atlantic Region and the Wilmington Savings Fund Society/ WSFS, who ensured the success of this milestone event.

## **HOW DOES A LIBRARIAN FIND FUNDING FOR IMPROVEMENTS IN LIBRARY SERVICES?**

*by Denise O’Shea, Technology Coordinator*

It’s no secret that many hospital librarians struggle with funding issues. Regional Medical Library (RML) awards are one option that can enable dynamic librarians with great ideas to better deliver

professional services to their communities. This is the story of one librarian who—even though she was new on the job—was able to successfully win an RML award to acquire a web-based online public access catalogue (OPAC) system.

Two years ago, Tricia Reusing began working as a solo librarian in the Harry M. Poppick Medical Library at Bayshore Community Health Services in Holmdel, NJ. One of Tricia’s first actions was to make sure that her library was a member of the National Library of Medicine’s DOCLINE® system so she could do interlibrary loans. She also joined MARL – the NN/LM Middle Atlantic Region listserv®. [<http://nmlm.gov/mar/listserv.html>]. In the fall of 2003, a posting on that listserv led her to apply for an NN/LM Library Technology Improvement Award to implement an online catalogue system.\*

The library’s collection consists of over 300 medical and allied health texts, over 100 nursing texts, and over 100 consumer health titles. The library is in a period of growth, especially in the nursing, allied health and consumer health areas, and its 2004 budget includes funds to enlarge all of its book collections, with some new journal titles being added as well.

Except for a few reference titles, the books in the consumer health collection are available for **anyone** to check out of the library—staff, patients and their families, and members of the community. Many staff members—who may not have the time to visit the library in person or who are located at different sites—are not aware of the strong, up-to-date and constantly growing collection of resources the library owns. By having convenient online access to the library’s available resources, the goal is a staff better informed in the newest medical and health literature, resulting in improved patient care. Improved access to current medical information helps ensure that JCAHO’s current standard on the ready availability of knowledge-based information is met. In addition, the institution has a generous tuition reimbursement program for its employees and encourages them to use the library for their studies. Improved access via an OPAC supports the employees in meeting their continuing education needs.



By having her catalogue available on the Web, Tricia hopes to share her library's resources not only within her hospital and its associated entities, but with public libraries and members of the surrounding community. She hopes that the new system will also save her time on journal check-in, freeing her for her real passion: "I love to promote the idea of medical librarianship, especially in regard to the provision of consumer health information. I believe that patients can interact more effectively with their physicians and make better decisions about their healthcare if they have good information." New librarians like Tricia Reusing have shown that it is possible to find an easy application process and be on the way to providing improved access to health science library collections.

We encourage librarians to watch for new award information on our website, <http://nnlm.gov/mar>. If you have any questions about applying for awards, please do not hesitate to contact us. In addition, the NN/LM website <http://nnlm.gov/projects/funding/grants.html> offers many avenues for project funds.

*\*Bayshore Hospital chose an OPAC system from CyberTools for Libraries which has extensive experience in setting up such systems for medical libraries <http://cybertoolsforlibraries.com/>*

## **HAPPY BIRTHDAY DOCLINE!**

by THE NLM DOCLINE TEAM

The DOCLINE Team wanted to take a moment to acknowledge a web DOCLINE milestone. Saturday, July 17, 2004, marked the fourth birthday of web DOCLINE. Since its release on July 17, 2000, DOCLINE has successfully processed more than 14.5 million requests by LD users and DOCLINE libraries.

We'd like to share some summary statistics for requests entered in DOCLINE during the month of June and the first week of July:

### 1. Final Action of DOCLINE Requests:

- \* 91.40% were filled
- \* 3.69% retired as Beyond Routing Map (exhausted library's routing instructions)
- \* 2.23% were Not Filled (Cost, Incomplete citation, Copyright, or Canceled)
- \* 2.42% were Canceled by the borrower
- \* 0.25% Expired

### 2. Delivery Methods of Filled DOCLINE Requests:

Delivery Method	by Network	by NLM
Ariel	22.70%	34.94%
Email (PDF)	17.29%	45.60%
Email (TIFF)	0.72%	0.69%
Fax	10.59%	1.94%
Mail	47.94%	8.18%
Web (PDF)	0.75%	8.28%
Web (TIFF)	0.01%	0.38%

3. Since July, 2000, 11,667,978 DOCLINE requests have been completed. The fill rate since web DOCLINE was implemented is 91.45%, with more than 10.6 million requests filled.

- \* The average number of libraries to which a request routes before it is completed is 1.23.
- \* 83% of requests are completed on the first route.
- \* 96% of requests are completed after routing to 2 libraries
- \* 4% of requests routed to more than 2 libraries.

### 4. Summary statistics during the month of June and the first week of July for Loansome Doc requests:

- \* 60.99% are filled by the LD library
- \* 16.46% are not filled by the LD library and retire
- \* 21.61% are transferred into DOCLINE and are successfully filled
- \* 0.94 % are transferred into DOCLINE and cannot be filled

### 5. We'd also like to highlight the following Serial Holdings statistics since June 2000:

- \* 2,873 libraries have updated 636,034 holdings
- \* 2,565 libraries have deleted 183,577 holdings

Currently:

- \* 3,083 libraries report owning 1,404,651 holdings.
- \* There are 53,706 unique serial titles for which holdings are reported.

The numbers illustrate the success of DOCLINE and the reciprocal ILL arrangements among DOCLINE libraries. Congratulations and thanks to everyone.

Happy Birthday DOCLINE!

- The DOCLINE Team

DOCLINE Customer Service  
National Library of Medicine  
US: 1-888-FINDNLM (press 3, then press 1)  
Intl: 301-594-5983 (press 3, then press 1)  
<http://docline.gov>

## EFTS PARTICIPANTS AND EFTS RESOURCES

As of June 30, 2004, 313 (66%) of the 476 DOCLINE libraries in the NN/LM Middle Atlantic Region are EFTS participants. Will your library be the next EFTS participant?

To see all EFTS participants, search DOCLINE > Institutions > More Search Options > (Select Search Field) Library Group = EFTS or see <https://efts.uchc.edu/efts/common/MembersDirectory.aspx>

For more information about EFTS, visit the EFTS website <https://efts.uchc.edu/> If you have any questions or concerns about EFTS—particularly if you are having difficulties persuading higher-ups in your institution to allow you to sign on with EFTS—give us a call at the RML office. In addition, two articles appeared in the NN/LM Pacific Southwest Region's newsletter, *Latitudes*, which may be of help in your efforts.

\* "EFTS—How to Get Approval from the Powers that Be!" by Maryann Zaremska, MLS, Manager, Library Services, Saint Francis Memorial Hospital. PSR *Latitudes*, May/June, volume 12 issue 3  
<http://nmlm.gov/psr/lat/v12n3/efts.html>

\* "Hard Work Pays Off: Savitt's Experience with EFTS," by Norman Huckle, Document Delivery Supervisor, Savitt Medical Library, University of Nevada, Reno. PSR *Latitudes*, January/February, volume 12 issue 1  
<http://nmlm.gov/psr/lat/v12n1/savitt.html>

## TECHNOLOGY COORDINATOR ON LEAVE UNTIL NOVEMBER

Denise O'Shea, the RML Technology Coordinator, will be on maternity leave until November 10, 2004. If you need assistance with a technology product (e.g., LinkOut or EDD), technical training (*PubMed for PDAs*, *Super Searcher*, etc.) or with the RML website (<http://nmlm.gov/mar>) contact the RML office by telephone (212-822-7396) or e-mail ([RML1@nyam.org](mailto:RML1@nyam.org)) and you will be directed to someone who can assist you.

## GOOD NEWS, BAD NEWS

### The Good.....

We are very pleased to announce that two public libraries in our region have joined DOCLINE:

We would like to welcome the Crandall Public Library (Glens Falls, NY), LIBID NYUIDN, and the Queens Borough Public Library (Jamaica, NY), LIBID NYUCHZ, as full DOCLINE participants. While they are the first public libraries to become Full members of the NN/LM Middle Atlantic Region, we hope they are not the last.

We would also like to welcome the St. Elizabeth College of Nursing, NYUJTS, as a full DOCLINE participant AND as a BHLS participant at level 4.

We also welcome Phelps Memorial Hospital Center, NYUPMT, as a BHSL participant at level 2.

***Remember, unless these institutions are members of your local consortia you must add them to the cell that corresponds to their BHSL level number.***

We are delighted to learn that the Animal Medical Center, NYUZH, and Interfaith Medical Center, NYUIME, are the newest EFTS participant in this region. Only 163 more to go....

**Name change:** As of August 8, 2004, South Jersey Healthcare, Bridgeton Hospital (NJUBHL) is the South Jersey Healthcare, Regional Medical Center and has moved from Bridgeton to a new state-of-the-art facility in Vineland.

#### **The Bad.....**

Please remove Binghamton Psychiatric Center, NYUBIN, from your routing table. It has remained unstaffed for many months and will most likely not reopen.

Please remove Middletown Psychiatric Center, NYUZJJ, from your routing table. It has remained unstaffed for nearly a year and will most likely not reopen.

#### **MLA CD AVAILABLE**

The NN/LM office has purchased a 2-disk CD (Mac & PC CD-ROM) of the Medical Library Association 2004 annual meeting held in Washington, DC. In the past we purchased a full set of audiotapes of the General and Section Sessions, but audiotapes are no longer available.

To use the MLA CD-ROM, your computer must have the following System requirements: Windows 98/NT 4.0 (with Service Pack 6)/Me/2000/XP, a Pentium processor based system, 128 MB of RAM,

up to 60 MB hard drive space, Internet Explorer 5.01, 5.5, 6.0, or 6.1 and a CD-ROM drive capable of reading CD-R media. For software, the disk requires Adobe Reader 6.0 or greater and QuickTime 6 or greater to operate properly. If your system does not have Adobe Reader 6.0 and QuickTime 6, you may download the free software to use the CD-ROM. (Note: The disk may open in an earlier version of Adobe Reader, but graphics quality will be reduced and the search button will not function.)

You may borrow the 2004 MLA CD from the NN/LM office: make your request by sending an e-mail to [dweyenth@nyam.org](mailto:dweyenth@nyam.org). Requests will be handled on a first come, first served basis. There is no charge for borrowing the CD. Following is a synopsis of the contents of the CD.

#### **General Sessions**

Welcome to MLA '04 and Presidential Address...  
*Patricia L. Thibodeau, AHIP, President, MLA*

Plenary Session I - The John P. McGovern Lecture: "Geographic Illiteracy and National Security"....  
*Harm J. de Blij, Distinguished Professor, Department of Geography, Michigan State University-East Lansing*

Plenary Session II - The Janet Doe Lecture: "Life and Death on the Coral Reef: an Ecological Perspective on Scholarly Publishing in the Health Sciences"....  
*Rick B. Forsman, AHIP, FMLA, Director, Denison Memorial Library, University of Colorado Health Sciences Center-Denver*

#### **MLA Business Meeting**

Presidential Inaugural Address and MLA '05 Invitation...  
*Joanne G. Marshall, AHIP, FMLA, President, MLA*

Plenary Session III - "Innovation and Medicine in an Era of Accelerating Information Technologies"....  
*Ray Kurzweil, chairman and CEO, Kurzweil Technologies*

NLM Update...



## Section Sessions

- Affronts to Library Liberty: Legal, Ethical, and Practical Responses (Relevant Issues)
- Building and Maintaining Professional Power Tools: Architecture, Analysis, and Assessment (National Program Committee)
- Educating the 21st Century Health Professional (Educational Media and Technologies)
- Emerging Ideas: The Power of Fresh Perspectives (Medical Library Education)
- Mining Data for Knowledge Generation: Collecting, Using, and Promoting Data Sets (Public Health/Health Administration)
- Plug Into the Source: The 2004 EMBASE.com Lecture (Pharmacy and Drug Information)
- Power in the Trenches (Consumer and Patient Health Information)
- Power Rangers: Plugging into the Power (Hospital Libraries)
- The Power of Evidence (Part 1): How Benchmarking Can Make Your Point (Research)
- The Power of Independence: Information for Owners of Service Animals (Veterinary Medical Libraries)
- The Power of Leadership (History of the Health Sciences)
- Building Your Power Base: Collection Development in Molecular Bioinformatics (Collection Development)
- Eco-Power: Taking Back the Environment (Chiropractic Libraries)
- International Cooperation: The Power of Sister Libraries (International Cooperation)
- Lighting the Path: Digital Repositories in the Real World (Technical Services)
- Making Critical Decisions: End-of-Life Health Care (Cancer Librarians)
- Paths to Power (Part 1): Influencing and Negotiating Skills: How to Get People to Do What You Want (Leadership and Management)
- Power Partners: What Medical Informatics Can Do for Medical Librarians and What Librarians Can Do for Informatics (Medical Informatics)
- Sharing the Power (Part 1): Delivery of Effective Instruction (Nursing and Allied Health Resources)
- The Power of Collaboration (Consumer and Patient Health Information)
- The Power of Evidence (Part 2): Discovering Our Effectiveness with Outcomes (Nursing and Allied Health Resources)
- Thunder Claps and Lightning Bolts (Hospital Libraries Section)
- Cease the Power: Libraries and the Open Access Movement (Collection Development)
- Emerging Infectious and Zoonotic Diseases: The Power of Disease on Society (History of the Health Sciences)
- Enhancing Aging: Resisting the Power Outages of Late Life (Health Association Libraries)
- Evidence-Based Librarianship: Step-By-Step From Those Who Have Done It (Research Section)
- Influencing Change: Recharging the Roles of Reference and Public Services (Public Services Section)
- Paths to Power (Part 2): Empowerment by the Numbers: Using Your Data to Negotiate with Administrators (Corporate Information Services)
- Power to the Patient: New Definitions of Health Literacy (Consumer and Patient Health Information)
- PowerPack: Innovations in Packaging Online Curricula (Dental)
- Sharing the Power (Part 2): Bioinformatics Education and the Library (Medical Informatics Section)
- The Power of National and International Health Initiatives (Public Health/Health Administration)

Note: The CD-ROM also includes sections on the Sunrise Seminars and Open Forums held during the 2004 Annual Meeting of the Medical Library Association.

## NLM TECHNICAL BULLETIN 2004

The following articles from the current *Technical Bulletin* are available on the Web at:

<http://www.nlm.nih.gov/pubs/techbull/tb.html>

2004 May - June; 338

*Index Medicus* to Cease as Print  
Publication - e2

HSTAT Moves to the Bookshelf - e3

PubMed Central®: New Journals Participating  
and New Content Added - e4

*NLM Technical Bulletin* Index Redesigned - e5

DOCLINE® Version 2.1 Adds Visual Cues for  
Free Full Text Articles - e6

NLM Adopts 2003 Amendments to *Anglo-  
American Cataloguing Rules* - e7

IndexCat: *Index-Catalogue of the Library of  
the Surgeon-General's Office,  
1880-1961* - e8

PubMed® for Handhelds Offers Searching via  
PICO - e9

Technical Notes: - e1

HSTAT Now Available on NCBI Bookshelf  
Toxics Release Inventory Expands

Reporting Years

NLM® Customer Services Satisfaction  
Survey

PubMed® Preview/Index Page Has Been  
Enhanced

New Book Added to NCBI Bookshelf

“Number of Titles” Web Page Updated

“Milestones in NLM® History” Web Page  
Available

Subheading Searching in PubMed

UMLS® Basics Classes

Genetics Home Reference added to the  
NLM Gateway

Space Life Sciences Data Hiatus

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