

## Contents

Message from the Chair	1
Committee Volunteer Form	3
Preliminary Baltimore Program Guide	6
Baltimore Sights	9
Vendor Thanks	10
ASIST Liaison Report	12
MLA Liaison Report	15
IAMSLIC Liaison Report	15
Book Reviews	17
Membership News and Publications	20
Officers and Committees	25

## Message from the Chair

Laura Osegueda

Welcome to the 2006 conference issue of *Biofeedback*. You will find lots of great information packed inside to entice you to become more active in this lively division. John Tebo and his program committee have conference program details so you can plan ahead and be ready for the wide array of diverse and informative sessions being offered in Baltimore by DBIO. Be sure to check the webpage closer to the conference to get locations.

I would like to highlight some changes to the conference this year. Some are conference-wide, and a few are new to our division. We are offering three continuing education programs, two on Saturday and one on Sunday. The courses on Saturday are being held **offsite**. This is in order to provide hands-on training without having to charge a higher registration fee. We are very grateful to M.J. Tooey, MLA President and Executive Director of the University of Maryland - Baltimore Medical Center Library (located a few blocks west of the Convention Center) for providing space for these courses at a nominal cost.

The conference is starting earlier this year with the INFO-EXPO opening at 12:00 noon on Sunday, June 11, including a networking reception from 4:00 to 6:00 p.m. The Opening General Session featuring Gwen Ifill will follow at 6:00 p.m. With this earlier start, DBIO is pleased to be able to offer our *first* Member Reception on Sunday evening from 8:00 to 10:00 p.m. It will be great to be able to get together early in the conference to catch up with friends and meet new colleagues, thanks to the generosity of our vendor sponsors.

We are happy to announce that the Medical Section program and luncheon will be held onsite this year. This is being done for the convenience of all. Tickets are limited, so don't delay. The Medical Section is also offering an exceptional all day trip

*Continued on page 2*

### **Biofeedback**

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### **Visit the Biomedical and Life Sciences Division Web Page:**

<http://www.sla.org/division/dbio/index.htm>

Home Page Subcommittee: Carol Lepzelter Berry, Argon National Laboratory Information and Publishing,  
9700 Cass Ave., Argonne, IL 60439-4803; (630) 252-3876; [clepzelter@anl.gov](mailto:clepzelter@anl.gov)

## **Message from the Chair, cont'd.**

at the end of the conference to the National Library of Medicine that should prove to be quite memorable.

We always need more active members to help out with division committees. A new committee volunteer form is available in this issue of *Biofeedback* (see [page 3](#)). It has links to the descriptions of the committees and the email addresses of the current chairs so that volunteers can easily find just the right committee. Most appointments are for two years. There are a variety of committees, so you should be able to find one to suit your personality and give your resume a boost, all while serving SLA. This form will also be available on the Division Web page at <http://www.sla.org/division/dbio/>.

**SLA Division of Biomedical and Life Sciences  
Committee Volunteer Form 2006-2007**

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**Email address** \_\_\_\_\_

**Mailing address:** \_\_\_\_\_

**Address 2** \_\_\_\_\_

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**Telephone** \_\_\_\_\_

**Indicate your choice(s) of committee(s) below. If you are flexible and interested in more than one committee, please rank numerically with 1 being your first choice.**

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Links above are to the DBIO manual, which describes the goals and work of the committee, and to the email address of the current committee chair. Feel free to contact the current chair or Division Chair, [Laura Osegueda](#) for further information.

Most committee appointments are for 2 years and renewal for one term.  
All committee appointments require SLA and DBIO membership.

Return form to: Laura Osegueda, Veterinary Medical Library, North Carolina State University, 4700 Hillsborough St., Raleigh, NC 27606 or [laura\\_osegueda@ncsu.edu](mailto:laura_osegueda@ncsu.edu)

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## Preliminary Baltimore Program Guide

### John Tebo, Chair, 2006 Program Committee

Spring is here and time to start making plans for the 2006 Annual Conference in Baltimore. SLA will hold its Annual Conference in Baltimore, MD, June 11-14, 2006 at the Baltimore Convention Center. The 2006 Biomedical and Life Science Division Baltimore Program Committee has been busy planning a great conference that offers an exciting array of programs.

To register for the conference, please visit: <http://www.sla.org>

We are sponsoring three Continuing Education Courses that also count toward Medical Library Association CE credit. If you are interested in taking both morning and afternoon sessions on Saturday, please select ticket number 105. By registering for both sessions you qualify for the full-day rate.

We are sponsoring eight programs and co-sponsoring five other programs that are of interest to our membership. In addition to our programs, receptions, and Division meetings, we are planning two exciting tours on Thursday. Please review the Preliminary Biomedical and Life Sciences Division 2006 Baltimore Program Guide and start making your plans to attend.

This year we are hosting our first Biomedical And Life Science Division Member Reception on Sunday night from 8-10 PM. This will be a great opportunity to get together, network and socialize with fellow Division members.

Many thanks to the other members of the 2006 Biomedical and Life Sciences Division Baltimore Program Committee:

Nancy Curtis  
Ruth Gustafson  
Todd Hannon  
Nonnie Klein  
Jennifer Lyon  
Carolyn Mills  
Laura Osegueda  
Julia Perez  
Diane Schmidt  
Laura Scott  
Bonnie Stephenson  
Michele Tennant

Janet Weiss  
Louisa Worthington

### CE Courses:

#### Saturday June 10

8:00 AM-Noon.

*Information Hubs for Molecular Biology Databases and Software*

(Member Price: \$199 Note: If you take both AM and PM session price is \$299), Non-Member Price: \$299)

Instructor Michele Tennant introduces a selected group of web-based resources that can serve as starting points for a wide range of user questions pertaining to molecular biology and genomics. (4 hours MLA Credit)

1:00 PM-5:00 PM.

*Molecular Structures: Retrieval and Visualization*

(Member Price: \$199 Note: If you take both AM and PM session price is \$299), Non-Member Price: \$299)

Instructor Jennifer Lyon introduces databases (such as NCBI's Molecular Modeling DataBase) and viewing tools used to store, image, and manipulate 3-dimensional molecular structures. (4 hours MLA Credit)

#### Sunday June 11

8:00 AM-Noon.

*The Molecular and Genetic Bases of Cancer*

(Member Ticket Price: \$199, Non-Member Ticket Price: \$299)

Instructor Michele Tennant teaches this beginning course that covers basic science concepts related to molecular and genetic causes of cancer. (4 hours MLA Credit)

## **Program:**

### **Saturday, June 10**

6:00 PM-9:00 PM.

*Biomedical and Life Sciences Division 2006-2007  
Board of Directors Meeting*

### **Sunday, June 11**

10:00 AM-11:30 AM

*Biomedical and Life Sciences Division Vendors Net-  
working Breakfast*

Join other division members and hear from vendors about new and interesting products and services over a continental breakfast. Diane Schmidt is moderating. Speakers will be from Ecological Society of America, Nature Publishing, Springer, Wolters Kluwer Health/ Lippincott Williams & Wilkins.

Noon-1:00 PM

*Biomedical and Life Sciences Division Past Chairs  
Luncheon (invitation only)*

8:00 PM-10:00 PM

*Biomedical and Life Sciences Division Member  
Reception*

Join fellow Biomedical and Life Sciences Division members for conversation, food and networking.

### **Monday, June 12**

7:30 AM-9:00 AM

*Biomedical and Life Sciences Division Contributed  
Papers Session and Breakfast*

Enjoy a free breakfast while learning about your colleagues' latest work. A new taxonomic names data standard, engaging and sustaining information fluency among science students, and an exploration of tools and technologies used to keep current are the contributed papers topics that will be featured. Todd Hannon moderates and speakers will be Courtney Ann Shaw, (Smithsonian Institution), Anna Weitzman (Smithsonian Institution), Elizabeth Connor (The Citadel), and Dorothy Barr (University of Massachusetts Medical School).

9:30 AM-11:00 AM

*Institutional Repositories: In-house Versus Outsourced*

This two-person panel of Jonathan Nabe and Susan Gibbons will examine the pros and cons of commercial repository software and open source software for IR's.

9:30 AM-11:00 AM

*Free Agency: From Athletes to Librarians*

Mary Ellen Bates of Bates Information Services will speak on the idea that as librarians we are all in business for ourselves. Participants will learn how to recognize a "value gap"; how to identify and package their personal value; how to become and remain "unoutsourcable"; how to build relationships that will sustain their business; the attitudes and mental adjustments they must make.

9:30 AM- 11:00 AM

*Mapping Biodiversity*

The session will feature researchers who are developing some of the many non-bibliographic information resources related to biodiversity. Come learn about the new field of biodiversity informatics. Meredith Lane (Global Biodiversity Information Facility), David Schindel (Consortium for the Barcode of Life) and Gladys Cotter (USGS) will speak.

11:30 AM- 1:00 PM

*Reporting of Negative Clinical Trials*

Panelists Kay Dickersin, Director, Center for Clinical Trials, Johns Hopkins, and James T. O'Reilly, Visiting Professor of Law, University of Cincinnati, will discuss various aspects of negative results from clinical trials: reporting and disseminating the findings; legal, financial, clinical, and research implications of the results; and access to results of trials.

11:30 PM-1:00 PM

*Academic Sci-Tech Librarians Roundtable*

Come to an informal discussion on bibliographic instruction in sci-tech libraries. The moderator, Brian Winterman, will describe the curriculum-integrated biology course he has initiated at Indiana University to inspire the discussion.

3:30 PM-5:00 PM

*Stress Management: Laugh for the Health of It*

Back by popular demand, Humor Therapist Elaine M. Lundberg takes a humorous yet practical approach to wellness and stress management.

**Tuesday, June 13**

7:30 AM-9:00 AM

*Biomedical and Life Sciences Division Annual Business Meeting and Breakfast*

(Ticket: \$16.00)

Join Division members for breakfast and updated information on Division activities

11:30 AM-1:00 PM

*Medical Section of DBIO Luncheon and Speaker*

The Medical Section invites its members to the annual business meeting and program with buffet lunch. Stephen King, Public Affairs Specialist for the FDA is going to speak on the FDA's regulatory process for the approval of drugs and devices. (Ticket: \$10.00)

1:30 PM-3:00 PM

*Chesapeake Bay Restoration*

Launched in 1983, the Chesapeake Bay Program is considered a model for estuarine research and restoration programs.

**Wednesday, June 14**

7:30 AM-9:00 AM

*Biomedical and Life Sciences Division 2006-2007 Board of Directors Meeting*

Current Division Board members meet to discuss division activities. All division members are welcome. Continental breakfast will be served.

9:15 AM-10:45 AM

*The Science of Chocolate*

Experts from well-known confectioners will provide insight into the science that creates your favorite treats. Jennifer Cessna from the Hershey Company will moderate.

1:00 PM-2:30 PM

*Recruiting Science Librarians Roundtable Discussion*

Come share your observations and insights in an informal discussion about the predicted librarian shortage and whether it will affect science librarianship and what to do about it. Moderated by Nancy Curtis.

3:00 PM-5:00 PM

*Natural History Caucus Annual Business Meeting*

Join your colleagues and others interested in natural history. Share and discuss past achievements, current issues of natural history interest, and future plans.

**Tours:**

**Thursday, June 15**

8:30 AM-Noon

*Behind the Scenes Tour of the National Aquarium in Baltimore*

Spend a few hours with the Biomedical & Life Sciences Division at the National Aquarium in Baltimore, one of the city's most popular attractions. Susanne Ridenour, staff librarian of the Aquarium, will host the tour of the facility. Ticket Price: \$30.00

8:30 AM-4:00 PM

*National Library of Medicine and National Institutes of Health Tour*

Take a full-day bus trip to the National Library of Medicine and the National Institutes of Health in Bethesda, MD. Get a behind-the-scenes tour of NLM, plus a tour of special areas in NIH from Karen Hajarjian, NLM Promotions Coordinator. Ticket price: \$65.00 (includes lunch and transportation)



## A Native's Favorite Spots to Visit in Baltimore—Slightly off the Tourist Track

Louisa Worthington Rogers

As a Baltimore native, born and educated in and around the city, I've come up with my favorite spots to visit in Baltimore, some of which are slightly off the tourist track.

• **Museum of Fine Arts, Cone Collection of Matisse and Picasso:** The largest collection of Matisse outside of France. Collected by the two Cone sisters who knew the artists and were part of Gertrude Stein's salon in Paris. Also see the great collection of ancient Antioch mosaics that introduced me to my lifelong love of art. <http://artbma.org/collection/cone/index.html>

• **American Visionary Art Museum:** A unique museum of self-taught or "outsider" art. Seven galleries contain the unusual creations of untrained "visionary" artists working outside the mainstream art world. There are also large exhibits in a former whiskey warehouse and the Joy of America Café with great harbor views. [http://www.fodors.com/miniguides/mgresults.cfm?destination=baltimore@20&cur\\_section=sig&property\\_id=23721](http://www.fodors.com/miniguides/mgresults.cfm?destination=baltimore@20&cur_section=sig&property_id=23721)

• **Harbor Place:** Walk along the promenade and see the boats in the harbor, USS Constellation, and the great Phillips Crab House. Also lots of shops and the National Aquarium with its rain forest and dolphin calf. [http://www.aqua.org/presskit\\_3368.html](http://www.aqua.org/presskit_3368.html)

• **Literary Baltimore:** Baltimore has been home to many literary greats, such as H.L. Mencken, Edgar Allen Poe (Baltimore's football team is named the "Ravens"), F. Scott Fitzgerald, and the contemporary writer Anne Tyler (The Accidental Tourist). A good place to begin is in the Mount Vernon Square neighborhood, where you can also climb the 228 steps of the Washington Monument, see the Peabody Conservatory of Music and the Peabody Library with its 250,000 books and marble court, and view the original manuscript of "The Star-Spangled Banner." [http://www.fodors.com/miniguides/mgresults.cfm?destination=baltimore@20&cur\\_section=fea&feature=30004](http://www.fodors.com/miniguides/mgresults.cfm?destination=baltimore@20&cur_section=fea&feature=30004)

• **Eat where the locals eat:** Locals head for the indoor markets, all of them at least 100 years old, where one can find Chesapeake Bay seafood, produce, meats, flowers and so much more. Faidley's Seafood in Lexington Market (where I used to shop) is famous for great crab cakes. Baltimore is a city of neighborhoods with a great selection of ethnic foods. Little Italy is not far from the convention center. Broadway Market in cobblestoned Fells Point is a great place for a bite to eat. You can get fresh-shucked oysters there! [http://www.fodors.com/miniguides/mgresults.cfm?destination=baltimore@20&cur\\_section=fea&feature=30009](http://www.fodors.com/miniguides/mgresults.cfm?destination=baltimore@20&cur_section=fea&feature=30009)

6. **Fort McHenry:** The flag flying over Fort McHenry during the Battle of Baltimore on September 13-14, 1814 inspired Francis Scott Key to write "The Star-Spangled Banner." The fort is a part of the National Park Service and has been designated a National Monument and Historic Shrine. You can also visit the Flag House and Star-spangled Banner Museum, the 1793 home of Mary Pickersgill where she sewed the banner in the summer of 1813. The original flag now hangs in the Smithsonian National Museum of American History, in Washington, DC. <http://www.flaghouse.org/about/index.html>

7. **Sherwood Gardens:** One of my favorites from childhood, and my family says it is still beautiful. The azaleas are glorious, and June is a good time to visit. Not always mentioned in tourist guides. <http://www.baltocfb.sailorsite.net/PhotoPage/SherwoodGardens/SherwoodGardens.html>

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# ASIST Liaison Report

## Louisa Worthington Rogers Liaison to ASIST

The American Society for Information Science and Technology (ASIST) Annual Meeting took place from Oct 28-Nov 2, 2005. Below are some highlighted papers. For full text of the papers, please contact authors if link is not noted below.

### Medical Informatics in Context

Theodore Allan Morris, Moderator, Kent State University School of Library and Information Science; [tamorris@kent.edu](mailto:tamorris@kent.edu)

Soraya Assar, Healthlink, Inc.; [Soraya.Assar@healthlinkinc.com](mailto:Soraya.Assar@healthlinkinc.com)

Ellen Gay Detlefsen, University of Pittsburgh, School of Information Sciences; [ellen@mail.sis.pitt.edu](mailto:ellen@mail.sis.pitt.edu)

Michelynn McKnight, Louisiana State University, School of Library & Information Science; [mmck@lsu.edu](mailto:mmck@lsu.edu)

Medical informatics may be defined as “the application of information science and information technology to the theoretical and practical problems of biomedical research, clinical practice, and medical education.” As such, it has become increasingly important as a unifying force and forum for exchange among contributory fields in biomedicine and information science. Accordingly, increasing numbers of knowledge workers are involved in or affected by medical informatics-related programs and activities

This program will provide an overview of the field of medical informatics and will illustrate how it “fits in” with other knowledge domains.

Note: The speakers provided an overview of the field of medical informatics, beginning with Index Medicus batch searching in 1964, to MEDLARS, to IAIMS (integrated advanced information management systems), to DNA sequencing, to NCBI resources as GenBank, to genomics and proteomics (the hottest areas of medical information today). An interesting mention was made of the MESH lexicon. Subheadings are more ontological, but only two dimensions; we need three dimensions. For example: disease (MeSH term), treatment (MeSH subheading), what drug used for treatment (third level). This would be a “real ontology.” NLM says that MeSH is good enough, but Lister Hill says third level important. Ellen Detlefson dis-

cussed medical informatics in context. Bioinformatics was the creation of advanced information techniques and computational biology, with algorithms, data mining, and any use of computers to handle molecular components. Medical informatics is the intersection of computer science and medicine that goes back to the 1970s. Clinical Information Systems was and is a central area of focus for informatics in resource management.

### “Information Work” and Chronic Illness: Interpreting Results from a Nationwide Survey of People Living with HIV/AIDS

Timothy P. Hogan, [thogan@uiuc.edu](mailto:thogan@uiuc.edu), and Carole L. Palmer, [clpalmer@uiuc.edu](mailto:clpalmer@uiuc.edu),

Graduate School of Library and Information Science, University of Illinois, Urbana-Champaign

While there is a substantial body of research which describes how the HIV-positive community seeks and uses information, much of that work fails to consider these activities in relationship to the experience of living with long-term chronic illnesses. In this paper, we present results from our survey study on the information preferences and practices of the HIV-positive community. We compare our results to previous findings on the HIV-positive community and people living with another chronic condition, multiple sclerosis (MS). Applying the chronic illness trajectory model developed by Juliet Corbin and Anselm Strauss, we examine what this body of research tells us about the management of “information work.” We identify the information sources that are most important, the attributes of information that influence its use, and the tensions inherent in managing information in the day-to-day lives of the chronically ill. By extending Corbin and Strauss’s model to the aspects of information emphasized across studies, we begin to articulate the fundamental nature of information work in living with chronic illnesses and how information services can be more responsive to the needs of the chronically ill.

### Finding Nutrition Information on the Web: Coverage vs. Authority

Susan G. Doran, Department of Computer Science & Engineering, University of South Carolina [Sue\\_doran@yahoo.com](mailto:Sue_doran@yahoo.com)

Samuel de Ycaza, Claflin University, Orangeburg, [samueldeycaza@yahoo.com](mailto:samueldeycaza@yahoo.com)

Caroline M. Eastman, Corresponding Author, Department of Computer Science and Engineering, University of South Carolina [eastman@engr.sc.edu](mailto:eastman@engr.sc.edu)



Bernard J. Jansen, School of Information Sciences and Technology, Pennsylvania State University, [jjansen@acm.org](mailto:jjansen@acm.org)

The ability of different types of web sites to provide relevant information in response to queries in the area of nutrition is investigated here. Nutrition related queries from users of the Excite search engine were posed to a number of nutrition Web sites in order to assess whether or not topical matches were found. The queries were also submitted to four general-purpose search engines. Surrogate users were used to assess the actual relevance of topical matches.

Matches were retrieved for about 36% of the queries on the nutrition sites; the range for different sites went from a low of 8.6% to a high of 68.6%. For the general search engines, matches were retrieved for about 92% of the queries.

### **Using Lessons from Health Care to Protect the Privacy of Library Users: Guidelines for the De-Identification of Library Data based on HIPAA**

Scott Nicholson, [scott@scottnicholson.com](mailto:scott@scottnicholson.com) and Catherine Arnott Smith, [casmith07@syr.edu](mailto:casmith07@syr.edu), Syracuse University School of Information Studies

While libraries have employed policies to protect the data about use of their services, these policies are rarely specific or standardized. Since 1996 the U.S. healthcare system has been grappling with the Health Insurance Portability and

Accountability Act (HIPAA), which is designed to provide those handling personal health information with standardized, definitive instructions as to the protection of data. In this work, the authors briefly discuss the present situation of privacy policies about library use data, outline the HIPAA guidelines to understand parallels between the two, and finally propose methods to create a de-identified library data warehouse based on HIPAA for the protection of user privacy.

### **Ontological Research and its Applications to the Biomedical Domain**

Miguel E. Ruiz, Organizer, Department of Library and Information Studies, University at Buffalo, State University of New York, [meruiz@buffalo.edu](mailto:meruiz@buffalo.edu)

Olivier Bodenreider, Lister Hill Center for Biomedical Communications, National Library of Medicine, National Institute of Health, [olivier@nlm.nih.gov](mailto:olivier@nlm.nih.gov)

Eric Little, Center for Cognitive Science, D'Youville College, Buffalo, NY, and National Center for Ontology Research (NCOR), University at Buffalo, State University of New York, [eglittle@eng.buffalo.edu](mailto:eglittle@eng.buffalo.edu)

Padmini Srinivasan, School of Library and Information Science, The University of Iowa, [padmini-srinivasan@uiowa.edu](mailto:padmini-srinivasan@uiowa.edu)

Taxonomies: basic relations, as “hand is part of body”; hierarchical

Ontologies: more robust relation types, functional, spatial relationships

Ontology is an area of philosophy “the science of what is, of the kinds and structures of objects, properties, events and relations in every area of reality” (Smith and Welty, 2001). In computer and information science ontology is used to represent the common understanding and concepts related to a specific domain. In this sense, an ontology includes a set of generic concepts as well as their definitions and relationships. The main purpose of using an ontology is to present the shared view of the knowledge of a domain. Other advantages of ontologies are that they provide computer systems with a way to specify concepts, allow interoperability and reusability, and ultimately represent a way to relate the concepts expressed in our computer information systems with the real objects that they represent. This panel will present a general overview of the current issues on ontological research its applications in biomedicine. The panel includes presentations on the state-of-the-art in ontology research, as well as several applications in the biomedical domain.

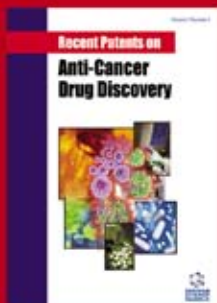
<http://www.informatics.buffalo.edu/faculty/ruiz/publications/PanelOntologicalResearch.pdf>

Source: “Sparkling Synergies: Bringing Research and Practice Together,” **Proceedings of the ASIST Annual Meeting**, 28Oct-2Nov2005, Charlotte, NC

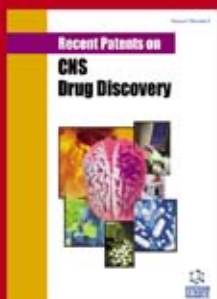


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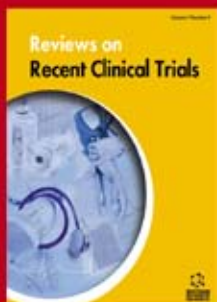
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- ▶ Recent Patents on Anti-Infective Drug Discovery
- ▶ Recent Patents on Cardiovascular Drug Discovery
- ▶ Recent Patents on CNS Drug Discovery
- ▶ Current Stem Cell Research & Therapy
- ▶ Reviews on Recent Clinical Trials
- ▶ Current Drug Safety
- ▶ Current Drug Therapy
- ▶ Current Clinical Pharmacology
- ▶ Current Bioinformatics
- ▶ Current Signal Transduction Therapy

Dr. Ryoji Noyori, the Nobel Prize winner in Chemistry 2001, on the Patent journals:

*"These journals represent frontier review journals, which contain comprehensive reviews written by leading scientists in the respective fields. They are strongly recommended to the scientists working in the field."*

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## MLA Liaison Report

### Michele Tennant, Liaison to the Medical Library Association

Here is the latest news from the Medical Library Association.

- MLA's 2006 award, fellowship, grant, and scholarship recipients have been named - **Congratulations to DBIO student member Monique Escamilla**, Department of Information Studies, University of California-Los Angeles – recipient of MLA's Scholarship for Minority Students, See [http://www.mlanet.org/awards/awards\\_2006.html](http://www.mlanet.org/awards/awards_2006.html) for the entire list of recipients.
- MLA election results have been tallied, and the final results are:

**President elect:** Mark E. Funk

**Board of Directors:** T. Scott Plutchak and Linda Walton

**Nominating Committee Members:** Margaret Allen, Diana Cunningham, Rosalind Dudden, Gale Dutcher, Gary Freiburger, Terry Ann Jankowski, Janice Kelly, Jett McCann, and Mary Fran Prottsman. Chair: Joanne Marshall

- Preliminary program and registration information (<http://www.mlanet.org/am/am2006/index.html>) is now available for MLA's Annual Conference (Phoenix, AZ, May 19-24.) Check out the Local Assistance Committee's Blog at <http://mla-lac.blogspot.com/>.
- MLA has announced the participants for its "CE Institute: Developing Web-based Instruction". The purpose of this competitive five-day institute is to provide attendees with the training, time, and resources to translate their existing MLA-approved CE courses into online versions. See <http://www.mlanet.org/education/institute/scholars.html> for the list of 16 scholars and their courses.

Other medical-library related news:

- Applications are being accepted for the National Center for Biotechnology Information Advanced Workshop for Bioinformatics Information Specialists (NAWBIS), to be held August 7-11, 2006, at the National Library of Medicine in Bethesda, MD. From the NAWBIS website: "This five day course is designed for individuals, particularly those based in

medical libraries, who provide bioinformatics support to their institutions. It provides an overview of a wide range of molecular biology resources that research communities use, and about which bioinformatics support staff might receive questions. The course is divided into ten **modules**, each of which includes a combination of lecture, demonstration, and hands-on experience with actual user questions. Following the course, participants are added to a **bioinformatics support network (BSN)** mailing list to facilitate future communication among the group and continued learning. This course is approved for 40 CE contact hours by the Medical Library Association (MLA)." Applications are due June 2, 2006; see <http://www.ncbi.nlm.nih.gov/Class/NAWBIS/index.html>.

- PubMed's "limits" page has changed; for information on the interface redesign, see [http://www.nlm.nih.gov/pubs/techbull/ma06/ma06\\_limits.html](http://www.nlm.nih.gov/pubs/techbull/ma06/ma06_limits.html)
- The National Library of Medicine's Long Range Planning Panels (2006-2016) have completed their meetings. Although panel reports are not yet available, information on participants, agendas, briefing materials and the like are available at <http://www.nlm.nih.gov/pubs>

## IAMSLIC Liaison Report

### Jean Crampon, Liaison to IAMSLIC

Cyamus, the West Coast Regional Group of the International Association of Aquatic and Marine Libraries and Information Centers (IAMSLIC) held their annual conference from March 1-4, 2006 this year in La Paz, Mexico and it was co-hosted by two research institutions, CIBNOR (Centro de Investigaciones Biologicas del Noroeste) and CICIMAR (Centro Interdisciplinario de Ciencias Marinas). Attendees were from four U.S. states and five states in Mexico.

The conference was a combination of tours of the hosting institutions and other aquatic and marine related organizations and discussions of topics of interest. Topics that were of particular interest to the just over two dozen or so attendees included instruction, bilingual materials in aquatic and marine sciences for all age and grade levels, grey literature, and technology applications. The topics important at this small conference were very similar to those at SLA or any large national or international meeting, reminding me of how international librarianship issues can be.

**Instruction** focused on what works and what doesn't. What worked was tailoring instruction to the needs of the student, that could be accessed at any time from anywhere. Instruction types discussed were one-on-one (considered the best for tailoring, but too time consuming, and no one has the staffing for this to be the only method), subject-oriented sessions embedded in courses by regular teaching faculty (the most common being a one-shot session), a one-unit graduate class on research skills and evaluation, and electronic tutorials. Many of our colleagues are creating tutorials for searching methods, although an equal number are linking to tutorials already created by vendors.

**Bilingual** materials for all ages in science were of interest for part of the group. Links and updates for bilingual research from the UNESCO site for ocean research for the Caribbean and South America ODIN-CARSA (<http://ioc3.unesco.org/odincarsa/>) were shared. A special group from CIBNOR (<http://www.cibnor.mx/>) provides outreach to students, the community, and teachers to increase awareness of ecological needs and improve science instruction. They hope to increase the number of scientists in Mexico in the future. The Programa de Acercamiento de Ciencia a la Educación (PACE) uses graduate students as part of the program and appears similar to an NSF-funded program. For more information on PACE, see the link from the CIBNOR site.

**Grey literature** is of great interest to many institutions represented at this meeting. Often this is the first documentation of new research areas. This expanded into a discussion of **digitization** projects, since many of the research labs involved are now interested in digitizing their grey literature to make it more available. Some of the institutions, particularly institutions in Mexico and other Latin American countries, are including senior theses. A lively discussion on the value of these papers and the difficulties in getting copyright permission ensued.

Twenty-eight Mexican institutions are cooperating to make **dissertations and theses** available through CYBERTHESES software ([www.cybertheses.org](http://www.cybertheses.org)). All members with academic affiliations had plans for digitization of this type of material. Some require both paper and digital submission along with permission to post. Some have an embargo of up to two years before posting. All agreed that one of the problems was getting students to sign to permit the materials to be posted.

**Technology** discussions included an almost universal use of chat and email for reference. This included use of personal IM accounts, not just formal programs such as QuestionPoint or 24/7. For international discussions, the Latin American group of IAMSLIC is using a pre-agreed upon time for meeting virtually. Our hosts at CIBNOR use Podcasting to include remote researchers at related labs in discussions, meetings, and training. Wikis were also used, particularly for distance students. One US library had their library tour available through the library's wiki.

The Southeastern US and Caribbean conference, SAIL, will take place May 10-12, 2006 in Ocean Springs, MS. Their theme is *Preserving the Past – Focusing on the Future*. Contact the conference host, Joyce Shaw ([Joyce.shaw@usm.edu](mailto:Joyce.shaw@usm.edu)) for further information.

## Book Reviews

*Biomimetics Biologically Inspired Technologies.*

Edited by Yoseph Bar-Cohen.

Boca Raton: CRC Press, 2006.

Reviewed by Elizabeth Winiarz, Science Librarian, U. Mass., Dartmouth

This book is a delight. It not only informs but it provides inspiration and a starting point for discussion and future invention.

Biomimetics represents “the study and imitation of nature’s methods, designs and processes.”

Each chapter reviews an aspect of biologically inspired science or technology. The range of topics covered is astounding, and each chapter takes the reader from novice to advanced level. Genetic algorithms, nanotechnology, robotics, artificial limbs, materials for engineering applications and materials for implantation in the human body are examples of the extensive subject matter included in this hefty volume.

The reader is captivated by the extensive illustrations and flowing style. Each chapter is enchanting, describing some behavior (such as communication in whales) or natural material (such as spider’s webs) then providing a history of who observed some phenomenon, how that observation inspired an idea and how that idea evolved into a useful product or application.

Each chapter includes a comprehensive bibliography of references to scientific, medical and engineering publications. Some bibliographies include URLs for websites.

The book is written for the scientist or engineer but would be equally fascinating to the layman interested in nature or history of technology. If you saw the movie *Star Wars* and wondered whether R2D2 or C3PO were real robots or humans dressed as robots, this book will appeal. It is a celebration of ingenuity and respectful of the biological models that provide the inspiration. “Nature uses minimum resources to provide maximum results.” This is a lesson that can benefit us all.

*Our Inner Ape: A Leading Primatologist Explains Why We Are Who We Are*

By Frans de Waal

New York: Riverhead Books, 2005.

Reviewed by Dorothy Barr

Anyone who has read previous books by Frans de Waal (*Peacemaking Among Primates; The Ape and the Sushi Master; etc.*) will expect this one to be well-written, engaging, and thought-provoking– and they won’t be disappointed. De Waal is a leading primatologist, with many scientific articles to his credit, as well as five highly accessible and justly popular books.

In *Our Inner Ape*, de Waal discusses the similarities and differences between us and our two closest relatives, chimpanzees and bonobos, both of which share with us about 98% of our DNA. Much has been written lately about our similarities to chimps (*Pan troglodytes*), with the discoveries of some of their less attractive traits such as infanticide, murder, and brutality towards females.

In contrast, less is known about bonobos (*Pan paniscus*), formerly known as pygmy chimpanzees and not established as a different species until relatively recently. The behavioral differences between the species are striking, however. While chimp society is male dominated, females rule among bonobos, and disputes are generally settled by sex. As a result, they are often known as the Left Bank Chimps, or the ones which “Make Love, Not War.” Infanticide is unknown. Among chimps it usually occurs when a new male takes over and kills the babies he knows cannot be his, but, since bonobos have sex with everybody, any male could be father of the babies. Chimps hunt for meat, often killing monkeys and other small game and sharing the meat with their buddies (using it for political purposes, to cement alliances or to win favor with females). Bonobos are not known to hunt. In fact, de Waal tells of one who found an injured bird on the ground and handled it tenderly, then climbed a tree and tried to launch it carefully in the air so it could fly away. Chimps also kill others of their own kind, usually in dominance quarrels or territorial disputes. But if two groups of bonobos happen to meet, instead of fighting they all (yes, all) have sex and then settle down to forage. Occasionally squabbles end in mild violence, but never serious injury. The alpha female is most likely to die of old age, not by being displaced.



Traditionally there was a tendency to regard humans as removed from the animal kingdom, but, in recent years, DNA, behavioral studies, and work in cognitive science have tended to break down those barriers. Because much more is known about chimps than about bonobos, there is a tendency to compare human behavior to that of chimps, and, recently, to emphasize their brutality and violence. In the book, de Waal describes the differences between the two species and proposes that humans be viewed as combining characteristics of both chimps and bonobos, describing us as the “bipolar ape.” If we want to truly understand ourselves, we need to look at our closest relatives and examine all the parallels. As de Waal puts it, “the good, the bad and the ugly ... We are blessed with two close primate relatives to study, and they are as different as night and day. One is a gruff-looking, ambitious character with anger-management issues. The other is an egalitarian proponent of a free-spirited lifestyle ... The power-hungry and brutal chimp contrasts with the peace-loving and erotic bonobo—a kind of Dr. Jekyll and Mr. Hyde. Our own nature is an uneasy marriage of the two.” Models of human evolution need to take both into account to help us better understand our own nature.

This book is relevant for anyone interested in human evolution, psychology, cognitive science, ethology—in fact, it’s a good read for practically anyone. Highly recommended.

*Eating Stone: Imagination and the Loss of the Wild*  
By Ellen Meloy  
Pantheon Books, 2005.  
330pp., ISBN: 0-375-42216-1

Reviewed by Diane T. Sands

Back when *The Biophilia Hypothesis* came out in 1984, its authors argued that nature is essential to the wellbeing of humans. “Exposure to unthreatening natural environments facilitates creativity and high-order cognitive functioning,” they wrote. In her book, *Eating Stone*, Ellen Meloy takes this one step further, exhorting that wild things and wild places are necessary for humans to have and nurture imagination. Even more, she argues, the existence of truly wild creatures is necessary for language. “Take notes on the deafness of coral, the pea-size heart of a bat,” Meloy writes. “Be meticulous. We will need these things so that we may speak.”

Decrying a “wilderness” that is entirely managed and dependent, Meloy worked with researchers and wildlife managers to bring us a compelling chronicle of bighorn sheep. Not just any bighorns, but Nelson’s bighorns (*Ovis canadensis nelsoni*), a subspecies rare

enough that experts estimate fewer than 15,000 wander through the deserts and hidden canyons of the West. With razor wit and a naturalist’s patience, Meloy takes the reader on a year-long meander between jagged cliffs, aboard river rafts, on a Mexican sojourn, and into secret military bases that have inadvertently become protected holdouts for this threatened species. Many of her paragraphs read like lyrical poetry, painting a picture of these toast colored animals, assumed by many to already be extinct. What happens, she asks us, “when at the end of the current millennium most of the plant, animal, and bird species we know today are gone? Will this leave us brain damaged?”

Meloy died three months after finishing *Eating Stone*, a fact highlighted by the publishers on the jacket flap. I will admit, this thought pulled me through the book, scouring between the lines for a reason, the cause of her passing. What I found instead was love of sheep and desire to go see Nelson’s bighorns for myself. “Humans are creatures in search of exaltation. We crave the occasions when jolts from the universe fly open.” Sometimes those jolts arrive in the shape of a book like this one, smelling of bighorn sheep.

*The InVision Guide to a Healthy Heart*  
By Alexander Tsiaras  
New York, NY: Collins, 2005.  
ISBN: 0-06-085593-2

Reviewed by Margie Grilley

Based on this book’s subtitle, “Regain your Cardiovascular Health, Learn Valuable Prevention Strategies, Live Longer and Feel Better”, it appears to be written for the health consumer. The text is for the lay reader, but it is the images that make this book stand out among other consumer health texts, and I suspect that medical professionals will appreciate the unique 3D images of the body’s cardiovascular system.

Alexander Tsiaras is CEO of Anatomical Travelogue, Inc., a producer of television programming and 3D animation. The images found throughout the book are made from scanning technologies pioneered by Tsiaras. Based on actual patient data acquired from MRIs, CT scans, electron microscopy and other imaging techniques, the scans are compiled with “volume rendering” software to produce a 3D model of an organ. The result is a beautiful, full-color look inside our cardiovascular system from conception to old age, from health to sickness.

The first two chapters of the book begin at conception with the growth and development of the fetus’s circulatory system. The images include stunning views of a 4-week-old embryo and a 5-month-old fetus, showing



the main blood vessels running from head to toe. There are also amazing images of the development of the heart itself, starting at the 25th day of gestation, growing into a two-chambered organ by the 5th week, and, finally, dividing into the 4 chambers that continue into adulthood. The text is a basic introduction to the circulatory system: how the heart works and why. It is the stuff of grade school science class, but it is needed in order to gain an understanding of how and why things can go wrong along the way as humans grow.

The third and fourth chapters look at various heart ailments and risk factors that can be encountered along the path to adulthood. Cardiovascular disease risk factors such as hypertension, diabetes, high cholesterol, and smoking are all described in detail with accompanying images showing, for example, the differences between healthy blood vessels and those with a buildup of plaque, or ruptured vessels due to high blood pressure. Diseases such as angina, stroke, and heart failure are also explained in a way to give the reader a clear understanding of the progression and irreversible deterioration of the heart and other vital organs. Chapters five and six discuss treatment options and measures of prevention, much of which is well known from media and lay publications, but, again, is accompanied by useful charts, images and statistics.

Hypothetical case studies are used throughout the book to highlight the personal side of heart disease and its risk factors. The stories include “Grace,” a patient with high blood pressure who is showing the first signs of an enlarged heart, an early marker of heart failure, and “Isobel,” an elderly woman with hypertension and newly-diagnosed diabetes. The stories are combined with quotes from cardiologists and other medical experts who help illuminate the diagnoses and make recommendations to help offset the progression of heart disease.

The book includes a glossary of terms, and a companion website: <http://www.invisionguide.com>. The easy-to-comprehend text, the patient stories and physician analysis, and the emphasis on pursuing a healthy lifestyle make this a useful health consumer resource. But of equal value are the unique and compelling 3D images. I feel that makes this worthy of inclusion in a medical library.

## Membership News and Publications

### Kudos

**(A column featuring and honoring our colleagues in the SLA Biomedical and Life Sciences Division)**

#### **Claudia Lascar, Public Relations Committee Chair**

It is with great pleasure that we announce the Awards, Achievements, Announcements and Accolades of our members: **Jean E. Crampon** and **Rita Haydar**. We congratulate these members for their achievements.

Each year the Information Services Division (ISD) at the University of Southern California recognizes the contributions of both individuals and groups (mixed faculty and staff teams) to the improvement of core services. The ISD represents an integration of several previously separate units: University Libraries, the University Computation Center, Student Information Systems, and University Telecommunications.

The 2005 ISD Award for Collaborative Excellence went to the Tiered Reference Task Force. **Jean E. Crampon**, Librarian, Science & Engineering Library, and long time DBIO member, was one of the eight people so honored. Jean is a repeat recipient because she was also part of the Hancock Project Team that won the 2004 ISD Award.

The Tiered Reference Task Force was assigned the responsibility to improve the reference and referrals services. To fulfill this goal, the Tiered Reference Task Force developed several general tutorials designed to help students, lecturers, and researchers acquire basic reference skills. Module 1 and Module 2 are available at <http://www.usc.edu/isd/libraries/about/reference/>. These initial tutorials have an audio component. Versions with text instead of audio are forthcoming. Module 3 and 4 are also forthcoming.

**Rita Haydar**, Manager of the Medical Library will be awarded the Professional Development Grant at the 2006 Annual Meeting of the Medical Library Association in Phoenix, AZ. This award, sponsored by the Hospital Libraries Section, provides librarians working in hospital and similar clinical settings with the support needed for educational or research activities. Rita is planning to use the grant funds to take several

CE courses that would count towards Consumer Health specialization and the Academy of Health Information Professionals (AHIP) certification.

Rita is in running a one-person library at St. Mary Medical Center in Langhorne, PA, a 327-bed community hospital and Regional Trauma Center. St. Mary Medical Center offers up-to-date technology, including a comprehensive cardiovascular program, the only state-accredited Trauma Center in Bucks County, a Primary Stroke Care Center, specialized diagnostic capabilities, obstetrics, exceptional surgical services, including orthopedic joint replacement and rehab, and the St. Mary Regional Cancer Center, which is part of the Fox Chase Network. Rita understands that continuous professional development is necessary for providing quality service to library users. Rita's membership in the Biomedical and Life Sciences Division offers her many opportunities for personal career development through interactions outside her organization (serving on committees, for instance), and through electronic communications, such as our new discussion list—sla-dbio—that will include division news, Biofeedback announcements, job postings, reference questions, and news of interest to biomedical and life sciences information professionals.

#### **Dear DBIO Member:**

**We would love to brag about you in our next newsletter. If you have any announcements, great or small, please include the full name, institution and reason for recognition and submit to: Claudia Lascar, Public Relations Committee, Chair, Biomedical and Life Sciences Division, at email: [clascar@ccny.cuny.edu](mailto:clascar@ccny.cuny.edu)**

## **Division Member Publications January 2006-March 2006**

**Compiled by Claudia Lascar, Public Relations Committee Chair**

Barr, D. 2006 "Staying Alert: The Wild New World of Current Awareness Services." *College & Research Libraries News* 67(1): 4-17.

Bronars, L. 2005. "Science Reference on the Internet." *Reference Librarian* 44 (91-92): 175-196.

Li, X, and C. Kopper. 2005/2006 "Cancellation of Print Journals in the Electronic Era: A Case Study." *Against the Grain* 17(6): 1, 18, 20, 22.

Rowland, Lucy M. America's "First" Rare Plant: The Franklin Tree. *Terrain* no.18: [www.terrain.org/articles/18/rowland.htm](http://www.terrain.org/articles/18/rowland.htm)

Zipperer, L., M. Berendsen, and L. Walton. 2006. "Empowering Patients at the Public Library." *Patient Safety & Quality Healthcare* 3(2): 6-8. <http://www.psqh.com/marapr06/consumers.html>

## **New Members of the Division**

**Irene S. Laursen, Membership Committee Chair**

We are happy to welcome the following new members to the Biomedical and Life Sciences Division in recent months. If you joined the division recently, and have not yet sent us a brief biographical profile, we would be happy to consider publishing it in the New Member Profiles, a column that resumes with this issue. So please don't be shy. And thanks to those who have already contributed.

In late summer 2005, SLA Headquarters underwent several staffing changes, which delayed the transmission of new members' information to divisions and chapters this fall/winter. We are now back on track, and have sent a welcoming letter either by email or U.S. postal mail in recent weeks. We look forward to getting to know you at SLA in Baltimore and through email and telephone conversations.

## **New Members of the Division**

### **November 2005**

Evangeline K. Alexander, Seattle WA  
Karl J. Baumann, Beaverton OR  
Dana Benini, New York NY  
Deborah Buck, Seattle WA  
Peter Cole, Madison NJ  
Dennis B. Eliceiri, Brentwood, MO  
Amy Fenton, Toronto, ON Canada  
Brenda M. Glenn, Skokie IL  
Adam M. Goldstein, New York NY  
Gretchen B. Gould, Washington DC  
Eleanor C. Hing Fay, Philadelphia PA  
Judy L. Inglis, Winnipeg, MB Canada  
Marie-Josée Laforest, Montreal, QC Canada  
Charles Lyons, San Francisco CA  
Amy K. H. Mahoney, North Springfield VA  
Xuefei Mao, Toronto, ON Canada  
Mary J. Markland, Fargo ND  
Lesley J. Maw, Cambridge Cambs United Kingdom  
Caroline M. Norton, Fort Collins CO  
John H. Otto, Seattle WA  
Lauri C. Rebar, Boca Raton FL  
Cindy Supeau, Spring City PA  
Mirian G. Taliaferro, Washington DC  
Joan W. Wilson, Dalton Gardens ID

### **December 2005**

Sandra A. Al-Abdulmunem, Riyadh Saudi Arabia  
Jason M. Ashton, Mt Albert, Auckland New Zealand  
Andrea L. Ball, University Place WA  
Eugene Barsky, Vancouver, BC Canada  
Alison Bobal, Corvallis OR  
Cecilia N. Boyle, Chicago IL  
Roberta Branca, Newmarket NH  
Gail Caine, Basking Ridge NJ  
Marcia Davidoff, Gainesville FL  
Joyce Fedeczko, Naperville IL  
Michael L. Gruenberg, Plainview NY  
Leanne M. Hindmarch, Toronto, ON Canada  
Carol L. Howe, Tucson AZ  
Cathy D. Knee, West Point PA  
Kelly Lang, London, ON Canada  
Valeria K. Long, Grand Rapids MI  
Carolyn B. Matlack, Davidson NC  
Nancy F. Michael, Indianapolis IN  
Terry Nykanen, Royersford PA  
Martha Rossi, San Antonio TX  
Marietta K. Sargeant, Waverly IA

John Siegel, College Park MD  
Skye C. Thomsen-Hardesty, Atlanta GA  
Mindy F. Thuna, Mississauga, ON, Canada  
Joan G. Truncali, Portland OR

## January 2006

Uniformed Services University of the Health Sciences,  
Bethesda MD

(New Organizational Member, c/o Janice J. Powell-  
Muller, Director)

Regina Alvarado, Suffern NY  
Nancy C. Anderson, Coquitlam, BC Canada  
Frances Chu, San Clemente CA  
Nita Costello, Houston TX  
Pamela L. Enrici, Duluth MN  
Carol J. Galganski, Peoria IL  
Jerome A. Holst, Rootstown OH  
Shannon A. Lamkin, Lexington KY  
Catherine E. Marlow, Portland OR  
Rachel Meyers, Buffalo NY  
Holly Miller, Port Jefferson Stat NY  
Jackie Morton, Edmonds WA  
Ruth L. Noble, Montreal, QC Canada  
Heidi M. Patteson-Orlando, Pittsburgh PA  
Susan E. Pennypacker, Palo Alto CA  
Patricia L. Petruca, Toronto, ON Canada  
Scott H. Reece, Albuquerque NM  
Julie A. Schneider, Madison WI  
Bridgett L. Smith, London KY  
Zenia Tatarsky, Warren MI  
Teresa A. Williams, Denton TX  
David R. York, Austin TX

## February 2006

Stephanie R. Altbier, Silver Spring MD  
Hirem Baran, Toronto, ON Canada  
John T. Burton-Crutchfield, Greensboro NC  
Karen Catlin, Greenbelt MD  
Craig S. Cruz, San Bruno CA  
Anna Davidovich, New York NY  
Esther Y. Dell, Hershey PA  
Stephanie N. Dennis  
Carrie D. Esch, Dallas TX  
Lydia M. Ewing, Waltham MA  
Amanda M. Feigley, Towson MD  
Kim Hammond, Tucson AZ  
Todd L. Hannon, Portland OR  
June C. Lembo, Tacoma WA  
Megumi S. Lincoln, Chevy Chase MD  
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## New Member Profiles

If you'd like to submit a new member profile for this column, please email Irene Laursen at [ilaursen@wellesley.edu](mailto:ilaursen@wellesley.edu). We'd love to hear from you.

**Mary J. Markland** is actually a returning SLA member, who received an SLA scholarship in 1985, left in 1994 and returned in 2005-06. Here's her story, in her own words ...: "I am currently the Southeast Clinical Campus Librarian for the Harley E. French Library of the Health Sciences, University of North Dakota School of Medicine and Health Sciences. I am a solo librarian in a way. The main library is in Grand Forks. I simply have an office in Fargo with remote access to the Library's resources. I work with medical students, residents, faculty and clinical faculty physicians within the southeastern quadrant of North Dakota. My energies are focused on outreach and education.

Previously I worked for the Northeast Iowa Family Practice Residency Program, the University of Massachusetts Medical Center, North Dakota State University and Virginia Tech. I have a BS in biology (French minor) from Iowa State University and an MA in library and information studies from the University of Wisconsin-Madison. I am a senior member of MLA's Academy of Health Information Professionals.

My interests include the use of PDAs in medical settings, gardening and travel. My two recent publications are in the *International Journal of Eating Disorders*.





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