As we approach the end of the organizational year, I am heartened at how much we have accomplished in the past nine months. There is a new Web site in place; the Recommended Practices (formerly the Procedures Manual) have been approved by the Board and placed on the Web site for your review; the Denver conference offered a full set of excellent programs, including our first poster session; the Fund Development Committee raised a record amount of money to support those programs; and the Seattle Program Committee is currently working in some new and exciting directions. Behind the scenes, there is a new team working on a strategic plan for our future, and several new volunteers have come forward to join committees and help move the work of the Division forward. As a new Biofeedback feature, Bonnie Chojnacki is coordinating volunteers to write product reviews. Howard Fuller, our Career Guidance Chair, has prepared a career guidance resource page for the Web site.

At the Association level, Steve Abrams, President-Elect of the Association, has put out a call for volunteers to serve on committees. I’d like to personally encourage all of you to volunteer for activities at that level. SLA is a supportive and multifaceted organization, ready to provide you with information, professional networks, global contacts, and friendships that can last for several decades. Cliché but true: it has been my experience in SLA, as with most things in life, that the more you put in the more you get in return. I encourage each of you to consider serving the Division or the Association in some capacity soon.

In closing, I’d like to take this opportunity to thank all who have served on the Board this year in various tasks, jobs, and positions. Special thanks go to Laura Osegueda and all the other Division Chairs who preceded me and left a legacy of dedication and leadership. Very special thanks go to Chair-Elect John Tebo who has been a constant guide and sounding board for all that has been accomplished this year. Being Chair of the Biomedical and Life Sciences Division has been a rewarding and challenging experience. Thanks for giving me this opportunity.
2007 MLA Annual Conference Report


As usual, there were more interesting sessions to attend than there was time, so below I have given information on just a few. If there are sessions I missed that you think our DBIO members should be made aware of, please write up a paragraph on them and we will include them in a future issue of *Biofeedback*.

Arthur Caplan (Center for Bioethics, University of Pennsylvania, Philadelphia) presented the McGovern Lecture entitled “Peer Review in Science and Medicine: Does It or Can It Work?” This thought-provoking lecture covered topics concerning the review process, the need to make it more transparent, and for reviewers and authors to acknowledge any potential or perceived conflicts of interest. Caplan’s recent editorial in the *Journal of Clinical Investigation* (free in PubMed Central: http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1804343) touches on a number of the issues presented in the talk.

Kent A. Smith (former Deputy Director of the National Library of Medicine) provided a history of the National Library of Medicine and the creation of NCBI entitled “Law, Leaders and Legends of the Modern NLM.” This was an entertaining historical account, and it was amazing (not necessarily in a good way) to hear about the primitive conditions endured by the first library and its staff. Just as entertaining were the descriptions of the politics involved in passing the bills to create the library and NCBI. Dr. Smith reprised his presentation at NLM on June 22, and it is available at http://videocast.nih.gov/launch.asp?13913 (requires RealPlayer to view).

In recent years, MLA has offered Open Forums at Annual Conference to provide membership with an opportunity to hear about hot new topics, especially those coming from MLA’s various initiatives. In 2006, Open Forums included updates from the Information Specialist in Context Task Force (AKA the Informationist), the Leadership and Management Section’s Task Force on Professional Development for Current and Aspiring Middle Managers, and the draft revision of MLA’s educational policy statement. In 2007, Open Forums covered the Academy of Health Information Professionals’ survey results, MLA’s Health Information Literacy Research Project and MLA’s Task Force on Librarians without Borders. I attended the “Librarians without Borders” program, as my colleague Lenny Rhine (recently retired from UF’s HSC Libraries) discussed his “E-library Training Initiative,” intended to facilitate equitable and universal access to health information in developing countries. Elsevier provided an $80,000 grant to Librarians with out Borders (through MLA), with the funding to support a number of key activities: completion of 8 HINARI-related workshops in Asia, Africa and Latin America, e-resources workshops at additional sites, revision and upgrade of HINARI educational modules, development and pilot of an e-mail course providing HINARI training materials, and the development of publishing skills training materials (webliography, FAQs, case studies and training modules). I found this work to be quite impressive, and it underscores MLA’s commitment to international partnerships.

Section programs included two of note. In the first, “Revolutionizing Discovery through Text Mining”, Kevin B. Cohen (Biomedical Text Mining Group Lead, Center for Computational Pharmacology, University of Colorado Health Sciences Center) discussed natural language processing and knowledge discovery for the health and biological sciences. In the second, three speakers, including legend and DBIO member Eugene Garfield, discussed “Évaluative Measures for Resource Quality: Beyond the Impact Factor.”
New president Mark E. Funk delineated his priorities for the new association year, and a number of these priorities are relevant to DBIO and Medical Section members. Four of those listed under “Connecting to Others” are especially relevant:

- Increase and share the evidence indicating that health information leads to better patient health outcomes, better compliance, and increased patient satisfaction.

- Collaborate with organizations that are concerned with raising health information literacy. Advocate the value of health sciences librarians in this process.

- Promote the new roles and activities of the information specialists in context (ISICs) in nonlibrary venues. Increase the awareness of health care administrators, clinicians, educators, and researchers about this new role for health sciences librarians.

- Collaborate with societies, organizations, and for-profit companies that are involved with creating and defining standards for electronic health records. Emphasize the vital role of librarians and the resources we select and maintain.


The Molecular Biology and Genomics Special Interest Group (SIG) Annual Business Meeting (information supplied by Kevin Messner, SIG convener): Topics of discussion included a proposal submitted to MLA by a group of SIG members to hold a symposium on user needs in bioinformatics and genomics and an extended discussion on topics of mutual interest for future meeting programming, e.g. Web 2.0 technologies; instructional technologies usable in genetics/bioinformatics training; statistical consulting as a part of bioinformatics support; translational research/medicine. Kevin Messner (Miami University) is succeeding DBIO member Susan Kendall (Michigan State) as convener of the group for 2007-2009.

For those who missed the conference but would like to view the presentations (“audio and visual presentation graphics”), a conference CD is available in MP3 format and may be purchased at [http://www.mlanet.org/am/am2007/pdf/cd_order_form_mla07.pdf](http://www.mlanet.org/am/am2007/pdf/cd_order_form_mla07.pdf) ($99 for MLA members; $149 for non-members.) Note: the CDs do not include Continuing Education Courses or individual section or SIG meetings.

Opportunities and Deadlines:

**November 5:** Deadline for submission of paper and poster abstracts for MLA’s 2008 Annual Conference “Connections: Bridging the Gap”. The conference will be held May 16-21 in Chicago at the Hyatt Regency Chicago. Information for abstract submission can be found at [http://www.mlanet.org/am/am2008/call.html](http://www.mlanet.org/am/am2008/call.html).

**November 15:** Deadline for the Donald A.B. Lindberg Fellowship for research application. The fellowship funds “research aimed at expanding the research knowledgebase of health sciences information management and enhancing the role of health sciences librarians and other information professionals in health care access and delivery, public health, consumer information, health professions education, or biomedical research.” In 2008 the fellowship amount is $8,100. The application deadline is available at [http://mlanet.org/pdf/grants/lindberg_app_20060320.pdf](http://mlanet.org/pdf/grants/lindberg_app_20060320.pdf) (Note: I received this award in 2007 and would be happy to answer questions about the process.)

**December 1:** Deadline for MLA scholarships and grants. The MLA Scholarship provides $5,000 to library school students interested in health sciences librarianship; the David A. Kronick Traveling Fellowship provides $2,000 for the awardee to visit up to three U.S. and/or Canadian libraries to study specific applications of health information management; and Continuing Education Awards provide grants of $100 to $500. A number of other grants and scholarships are available; see [http://www.mlanet.org/awards/grants/](http://www.mlanet.org/awards/grants/) for information and application forms.

**December 14:** Deadline for proposals for Continuing Education Courses and Symposia, Annual Conference, May 15-20, 2009, Hawaii. CE courses may be four, six or eight hours in length (note unlike SLA, MLA pays CE instructors, even if they are MLA members!) Symposia may be full- or half-day. Individuals (MLA members or not) may apply to offer CE courses; symposia must be sponsored by a group (for example, MLA chapter or section). If you have a great idea for a symposium but are not an MLA member, contact one of the many DBIO members who are also in MLA and see if they belong to an MLA group that would be willing to sponsor.
Resources:

The MLA website ([www.mlanet.org](http://www.mlanet.org)) is undergoing redesign with the intention of improving navigation and printing options.

The *Journal of the Medical Library Association*’s Editorial Team at Vanderbilt University has created an online tutorial for JMLA reviewers. This tutorial (particularly the section on reviewing the manuscript) is also useful for those submitting an article to JMLA or those considering whether or not to submit a manuscript, as the tutorial illustrates what reviewers are looking for in a successful submission. The tutorial is available at [http://www.mc.vanderbilt.edu/biolib/jmlatutorial/index.html](http://www.mc.vanderbilt.edu/biolib/jmlatutorial/index.html).

PowerPoint slides from “Coping with Change: Reaching Your Library’s Users” are available at [http://www.mlanet.org/resources/index.html?focus_20070621#libpr](http://www.mlanet.org/resources/index.html?focus_20070621#libpr). This resource provides information on the steps involved in creating a library marketing plan.

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

[http://www.sla.org/division/dbio](http://www.sla.org/division/dbio)

Home Page Subcommittee: Carol Lepzelter Berry
clepzelter@anl.gov

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A Message from the Editor-in-Chief about the Third Edition

This edition, unlike the previous ones of necessity, will not be a static one, but more a living set of chapters that will be updated fairly often, and if needed, new chapters added on the website, even after the appearance of the printed version. Based on the rapid advances in the years since the second edition, we can be very optimistic and hopeful that successful therapy for pathology, neural and behavioral (since they are interconnected), and perhaps even an expansion of learning, will be achieved, and described.

Featured Title:
Neural Protein Metabolism and Function
A. Lajtha, N. Banik (Eds.)

From the contents
- Protein Turnover.
- Regulation of Protein Metabolism.
- Brain Specific Proteins.
- CNS Myosins.
- Neural Cell Adhesion Molecules.
- Metabolism of Receptor Proteins.
- Trafficking of Receptors.
- Synaptic and Dendritic Protein Metabolism.
- Neurotransmitter Transporter Turnover.
- Neurosecretory Protein Trafficking and Dense Core Granule Biogenesis in Neuroendocrine Cells.
- Calcium Binding Proteins.
- Actin Binding Proteins and Myosins in Nervous Systems.
- Protein Folding.
- Protein Sulfation.
- Transglutaminase.
- Protein Alteration in Mental Retardation.
- Protein Metabolism in Neurodegeneration.
- Neurodegenerative Disorders Involving Aberrant Protein Aggregation.
- Polyglutamine Diseases.
- Apoptosis.
- Necrotic Cell Death.
- Proteasome.
- Cysteine Proteases.
- Serine Proteases.
- Calpains.
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Book Reviews

*Baboon Metaphysics: The Evolution of a Social Mind*

by Dorothy Cheney and Robert Seyfarth


Reviewed by Dorothy Barr

Charles Darwin in 1838 noted: “He who understands the baboon would do more towards metaphysics than Locke.” Borrowing their title from Darwin, Dorothy Cheney and Robert Seyfarth report on the complicated social world of chacma baboons in Botswana’s Okavango Delta and place it in the context of the study of animal cognition today.

The recounting of relationships among the baboons is absorbing, entertaining and exciting, and the reader quickly becomes entranced by their various personalities and complex interactions. But Cheney and Seyfarth always relate their stories to the larger study of the development and importance of social relationships, not only among primates but among their human relatives too. In the process, the book brings together information from a wide variety of studies, old and new, and, as such, is a wonderful introduction to the subject. The bibliography includes almost 600 references, and it is not exhaustive. But many of the works cited are older or less well known, so that the bibliography alone is valuable as a reference.

At the same time, in the spirit of their highly successful and classic 1990 book, *How Monkeys See the World* (primarily about vervet monkeys), the authors continually engage their readers and challenge even while entertaining. Even following the details of their innovative and painstaking field experiments is good reading, as they try to anticipate possible outcomes and to make allowances for alternative explanations, while keeping interference with the baboons to a minimum. Although field work of this sort is never easy, Cheney and Seyfarth don’t dwell on their own hardships, and their enthusiasm for their work and respect for their subjects are strikingly evident.

With so much work currently being done on animal cognition, particularly in nonhuman primates, this book is a great introduction as well as a comprehensive look at current research. It is also eminently readable, which is no small feat. It is as accessible and enjoyable for the layperson as it is scholarly and useful for students and researchers. Highly recommended.
The field of patient safety has produced several publications that provide reviews on the process of understanding how medical error happens and how organizations and individuals learn from failure to drive improvements. Understanding Patient Safety, by Robert M. Wachter, is the latest title to add to this growing set. It is a worthy effort that provides accessible, succinct explanations on a complex topic in a cohesive and manageable publication.

*Understanding Patient Safety* introduces the important elements of safety science and describes how they play out in the complex delivery of health care. It discusses the epidemiology of medical error and explains how to use the information to support the needed change. The text uses some previously published case studies from Wachter’s earlier efforts to illustrate the realities of what is being explained. The evidence, theories and ideas of a myriad of experts in the patient safety, human error and safety science are woven into the text to show the range of expertise required to fully understand safety. Additional content includes discussions on how information technology, organizational culture, and patient engagement play a part in sustaining safety improvements.

Each chapter provides “take home points” from the text with additional references for further study. The book also includes a lengthy glossary, which is an important tool to help build shared understanding of important concepts and activities. The terms here are often defined in a way that doesn’t allow for quick reference but that instead provides a context to facilitate a deeper understanding of the term through references to supportive evidence and expert opinion.

Wachter’s ease with words is evident here. This title differs from his work with Kaveh Shojania in *Internal Bleeding* in that it has less of a storyteller’s approach to the subject and takes on the tone of a textbook without being overly academic. Both books are worthy of inclusion in a library’s collection on medical error reduction.


Product Review

Zotero (Beta)

Reviewed by Rita Tehan

What is Zotero?

Zotero ([http://www.zotero.org](http://www.zotero.org)) is a free, easy-to-use research tool that helps users gather and organize resources (whether bibliographic or full text), and then annotate, organize and share research results. Zotero, a Firefox plug-in, was created by developers at the Center for History and New Media at George Mason University.

What Zotero does:

- recognizes Web sites and records in library catalogs and databases and
- extracts the bibliographic information associated with them

Why you would want to use it:

- to create citations and references
- to store full-text documents, web pages, images, etc. (or links to them)
- to search for: bibliographic data, documents, notes, tags, related items

Ways in which librarians might use Zotero:

- Add citations to reports, memos, or transmittals. Automatically download citations from Zotero-compatible sites, such as Factiva, JSTOR, Lexis-Nexis, Library of Congress catalog, *NY Times*, (and dozens of others), with one click.
- Add bibliographic templates for different sources such as: thesis, map, podcast, hearing, statute, IM, email and others. Save the source and bibliographic data to your hard drive.
- Create short-term or long-term project folders, and store references, documents, graphics, images, maps, Web pages. Link the bibliographic data to the source or save it to your hard drive.
- Add notes to saved items. Add tags. Add yellow highlighting to documents, web pages, etc. Add sticky notes. All these are searchable.
- Good advanced search options. Can also save searches.
- Can create bibliography in standard formats (APA, MLA, *Chicago Manual of Style*). Can import bibliographic records from following formats: MODS, BibTeX, RIS, Refer/BibIX and Unqualified Dublin Core RDF.

Zotero is currently in beta, so while it’s quite useful (and I use it every day), the sticking points for me are the ability to sync or share your collection with another computer or user. There are ways to do this, but it’s not simple, and in my experience, it doesn’t always work (e.g., sometimes not all files export). The developers are confident that these issues will be addressed in version 2.0, which is projected to happen this “fall/winter.”
Membership News

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: Linda Counts and Lori Gluckman. We extend our sincere congratulations to all of them.

Linda Counts, librarian for Sharp Grossmont Hospital, La Mesa, CA has received a 2007 CORE (Center Of Recognized Excellence) award in appreciation of her excellent service to physicians, nurses, and hospital clinical staff of her institution, in the area of evidenced based medicine.

Lori Gluckman, Head of Technical Services and Collection Development at the Stephen B. Luce Library of State University of New York, Maritime College, received the ALOHA (Assisting Librarians Off to Hawaii Award) to attend the annual conference and exposition of the American Society for Engineering Education (ASEE) in Honolulu, Hawaii. The ALOHA program was initiated by the Engineering Libraries Division (ELD) and financed by the Institute of Physics Publishing (IOP) to cover some of the costs associated with this conference. Although this is a one-time initiative to support attendance of librarians who are in their first five years of professional appointment, it is a noteworthy idea which needs to be promulgated by other organizations.

News from the Membership Committee
Nancy R. Curtis, Membership Committee Chair

We have no reports of new members for this quarter, as SLA is still working out some issues with the new membership database software. For now, welcome to all of you new members … we’ll be able to get in touch with you eventually! Thanks to everyone for your patience while we wait for resolution of the database problems.

In the meantime, on the following page is an analysis of our Division membership by worksite (also posted at http://units.sla.org/division/dbio/membership/), conducted shortly after the 2007 Annual Conference. We’re certainly a diverse group, and this variety is one of the strengths of our Division.
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
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Imaging Distinct Conformational States of Amyloid-β (Aβ) Fibrils in Alzheimer’s Disease Using Novel Luminescent Probes
ACS Chem. Biol.; (Article); 2007; 2(8); 553-560

A Steric Block in Translation Caused by the Antibiotic Spectinomycin
Borovinskaya M. A.; Shoji S.; Holton J. M.; Fredrick K.; Cate J. H.
ACS Chem. Biol.; (Article); 2007; 2(8); 545-552

Synthetic Estrogen Derivatives Demonstrate the Functionality of Intracellular GPR30
Revankar C. M.; Mitchell H. D.; Field A. S.; Burai R.; Corona C.; Ramesh C.; Sklar L. A.; Arterburn J. B.; Prossnitz E. R.
ACS Chem. Biol.; (Article); 2007; 2(8); 536-544

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For a complete list of current board and committee members, see the Division Web site at: http://units.sla.org/division/dbio/inside/officers/officers.html#exec