



# Biofeedback

*Biological Sciences Division  
Special Libraries Association*

Volume 15, Number 2  
Fall 1989

## Chair's Report

*Anna Therese McGowan*

After the lazy, relaxing days of summer, we are now all back at our accustomed posts, busy with work matters and the new Association year. I hope that some of you were able to attend the Great Lakes conference in October. Patricia Yocum of our Division organized the program on molecular biology and gene sequencing. The invited speakers were knowledgeable and willing to share their special information needs and skills. At the Pittsburgh Conference, the Division will co-sponsor a similar program because there was a great deal of enthusiasm in this topic by the members when Patricia described the Great Lakes program at the New York Conference. This will allow us all to learn about the gene sequence databases and how to search them. I am happy to report that Patricia will be heading the planning committee for this program so we will all benefit from her experience.

The plans for the rest of the Pittsburgh Conference are coming along. We will be sharing a joint Hospitality suite with the Chemistry, Environmental and Resource Management, and Pharmaceutical Divisions for the four evenings of the Conference. The Suite will be open from 5:00 until 7:30 so it will be a good place to meet friends and make dinner plans. There will be two field trips, one to Presbyterian Hospital where many liver transplants have been performed and the other will be a tour of the Hunt Institute for Botanical Documentation and the Phipps Conservatory. The hospital tour will be paired with a discussion of bioethics, particularly the questions raised with organ transplants. We will also be co-sponsoring a course entitled: Toxicology Information: An Introduction. This is an MLA continuing education course on the topic for which many people requested a course in last year's survey of the BSD membership. Thanks to Ann Campbell

and the Professional Development/Programs committee for their work on the survey. Beyond these sessions, we will be offering two programs during the Conference other than the molecular biology program. The topics for those are: economic aspects of environmental change and biotechnological issues in foods, drugs, and the environment. I will provide further details for all the programs as we get closer to June.

During the coming year, Jane Cole, Barbara Montanary and I will be looking at the Division's Long Range Plan. It is time to evaluate it and revise it for the coming five years. Any comments or ideas from you will be much appreciated. We will also be working to strengthen the Division treasury. Any ideas about that are also gratefully received. One way is to increase our Division membership. We presently have 664 members but more are always welcome. Please tell your colleagues about the Biological Sciences Division and encourage them to join. There is room for individual professional development within BSD as well as being an excellent avenue for building your own professional network.

As a final note, I would like to mention the upcoming second White House Conference on Library and Information Services. This conference will be held no later than September 30, 1991. SLA is involved in planning this conference and encourages all of us to become involved. One way that we can do that is to participate in the many pre-conferences that are being held in most of the states. If you would like more information, please contact Toni Powell, our Government Relations Committee chair, or Sandy Morton at SLA headquarters. If you have any suggestions or ideas that you would like to share, please feel free to contact me.

## SLA Great Lakes Conference

*Patricia B. Yocum, Moderator and Reporter*

Librarians and information specialists from throughout the Great Lakes states (and one from New Mexico) convened in Ann Arbor October 12-15, for a Great Lakes Regional Conference. Sponsored by the SLA Michigan Chapter with ample support from other chapters in the region as well as several national divisions, the conference was marked by excellent programs in a relaxed setting. Subtitled "The Communication Crunch," the conference provided attendees an opportunity to look ahead in meeting the needs of library and information users in the year 2010. Stimulating speakers from business, industry, government, and higher education talked about technology, change, challenge, and direction.

Divisional programs were held Saturday afternoon, with the Biological Sciences Division offering a program on gene sequence databases. Prof. Wesley Brown, University of Michigan, provided an overview of molecular biology and the critical role gene sequencing plays in advancing knowledge of it.

In a talk entitled "Gene Sequence Databases: Pathways of Information Transfer," Dr. John Devereux, Assistant Director, Biotechnology Center, University of Wisconsin, "walked through" an information system established only in the last decade. He described database creators (e.g. GenBank and EMBL), software producers (e.g. Intelligenetics, GCG-University of Wisconsin) and services (e.g. Bionet, Chemical Abstracts) which search the databases if individual researchers prefer or are not able to search themselves. He also discussed how gene sequence data is collected for entry into the databases, the types of searches which can be made, and prospects for the future. The third speaker was Ms. Efrat Livny, Director, Information Resources Facility, Biotechnology Center, University of Wisconsin. In her talk, "T-T-C, A-T-G: Are They All the Same to Me?" Ms. Livny provided a conceptual framework for gene sequence database searching in the information center or library. Regarding the databases as but another information source, staff of the IRF routinely search sequences requested by scientists. Her well-illustrated talk covered searching methods as well as search contents. Because the latter can include citations to the published papers in which the sequence was reported, searching can lead naturally to requests for retrieval of the publications themselves. For many attendees, the program was the first systematic introduction to the field of gene sequence databases, their interface with bibliographic systems, and their place in libraries and information centers.



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For more information contact Special Libraries Association's Professional Development Section at 202/234-4700.

### *Biofeedback*

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## SLA Student Conference Award Pittsburgh, 1990

*Sponsored by the Biological Sciences Division, SLA*

In June, 1990, special librarians from all over the world will gather in Pittsburgh for the 81st SLA Annual Conference. To help defray costs of attending the conference, the Biological Sciences Division of SLA is offering an award to a graduate student interested in a career in biological sciences librarianship.

Support of the sponsored student will include:

- \* Travel stipend, up to \$300;
- \* Free tickets to Biological Sciences Division events;
- \* Free lodging in the Division Suite at the Conference hotel;
- \* Opportunity to develop contacts with biosciences librarians.

The following criteria will be considered in determining the winner:

Applicants must be members of SLA.

Applicants will be judged on the basis of an essay (300-500 words maximum) which describes some aspect of biological sciences librarianship, perhaps discussing a problem, issue, or challenge facing biological science librarians. The essay must be typed, and sealed in a blank envelope for judging. Submitted essays will not be returned.

Applicants should include name, address, library school, phone number, and anticipated date of graduation in a cover letter.

Applications should be accompanied by a letter of reference from a librarian or a faculty member.

The Biological Sciences Division reserves the right to withhold the award if there are no suitable applicants.

Submit applications postmarked no later than March 1, 1990, to:

Elisabeth Davis  
University of Illinois  
Biology Library, 101 Burrill Hall  
407 S. Goodwin  
Urbana, Illinois 61801

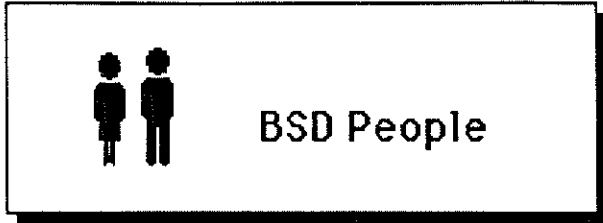
# A Bibliography of Major Biological Titles Published in Australia in 1987-1988 (Addendum)

compiled by Adam L. Schiff

Science Library, University of Colorado at Boulder

The first two parts of this bibliography appeared in the last two issues of *Biofeedback*. This addendum, covering A-G, includes new items which have appeared since the publication of part 1.

- Arthur, Trevor and David Aldous, eds. The proceedings of the Trees in the Environment Current and Future Conference, April 13-15th 1988, Springvale Town Hall. South Carlton, Vic.: Royal Australian Institute of Parks and Recreation, Victorian Region, 1988. 261 leaves. ISBN 0-908464-32-0. \$20.00
- Augee, Michael L., ed. Marine mammals of Australasia: field biology and captive management. Mosman, N.S.W.: Royal Zoological Society of New South Wales, 1988. 140 p. ISBN 0-9599951-4-5.
- Australia. Parliament. Senate. Select Committee on Animal Welfare. Kangaroos. Canberra: Australian Government Publishing Service, 1988. 236 p. ISBN 0-644-07745-X.
- Australia's wilderness heritage. Sydney: Weldon; Hawthorn, Vic.: Australian Conservation Foundation, 1988. 2 v. ISBN 0-947116-55-9 (set). \$123.00
- Baldwin, C.L., ed. Fringing Reef Workshop: science, industry and management: proceedings of workshop held at Arcadia Resort, Magnetic Island, Australia, October 23-25, 1986. Townsville, Qld.: Great Barrier Reef Marine Park Authority, 1987. (Workshop series (Great Barrier Reef Marine Park Authority); no. 9). 280 p. ISBN 0-642-52633-8. Gratis
- Bodey, Alan Stewart. Human acclimatisation to cold in Antarctica, with special reference to the role of catecholamines. Canberra: Australian Government Publishing Service, 1988. (ANARE reports; 134). 159 p. ISBN 0-644-06966-X. Gratis
- Bradley, Joan. Bringing back the bush: the Bradley method of bush regeneration, ed. by Joan Larking, Audrey Lenning, and Jean Walker. Sydney: Lansdowne, 1988. 111 p. ISBN 0-7018-2006-3.
- Breeden, Stanley. Kakadu: looking after the country the Gagadju way. Sydney: Simon and Schuster, 1989. ISBN 0-7318-0020-6. \$39.95
- Burgess, Lester W., Craig M. Liddell, and Brett A. Summerell. Laboratory manual for Fusarium research incorporating a key and descriptions of common species found in Australasia. 2nd ed. Sydney: Fusarium Research Laboratory, Dept. of Plant Pathology and Agricultural Entomology, the University of Sydney, 1988. 156 p. ISBN 0-949269-56-5.
- Burrows, W.H., J.C. Scanlan, and M.T. Rutherford, eds. Native pastures in Queensland: the resources and their management. Brisbane: Dept. of Primary Industries, 1988. (Queensland Department of Primary Industries information series; Q187023). 284 p. ISBN 0-7242-2443-2.
- Copley, P. The stick-nest rats of Australia: a final report to World Wildlife Fund (Australia). Adelaide: National Parks and Wildlife Service, Dept. of Environment and Planning South Australia, 1988. 277 p. ISBN 0-7243-9006-5. \$25.00
- Cribb, A.B. and J.W. Cribb. Wild food in Australia. 2nd ed., rev. and enl. Sydney: Collins Australia, 1988. ISBN 0-7322-2491-8. \$19.95
- Cribb, A.B. and J.W. Cribb. Wild medicine in Australia. Sydney: Collins, 1988. 228 p. ISBN 0-7322-2455-1. \$16.95
- Dargavel, John, Kay Dixon, and Noel Semple, eds. Changing tropical forests: historical perspectives on today's challenges in Asia, Australasia and Oceania: Workshop Meeting, Canberra 16-18 May 1988. Canberra: Centre for Resource and Environmental Studies, Australian National University, 1988. 440 p. ISBN 0-86740-342-X.
- Debus, Stephen J. S. Selected bibliography of the Australasian raptors. Moonee Ponds, Vic.: Royal Australasian Ornithologists' Union, 1988. (Royal Australasian Ornithologists Union microfiche series; no. 31). 2 microfiches (146 fr.). ISBN 0-9598007-2-3.
- Drayson, Nick. Wildlife: Australia's flora and fauna gently observed. Sydney: Collins, 1988. 145 p. ISBN 0-7322-2429-2. \$12.95
- Driml, S. Economic impacts of activities on the Great Barrier Reef. Townsville, Qld.: Great Barrier Reef Marine Park Authority, 1987. 86 p. ISBN 0-642-52649-4. Gratis
- Duckett, Timothy A.P. Revegetation of disturbed sites in Tasmania with native species: a practical guide. Hobart, Tas.: Tasmania Dept. of the Environment, 1988. 67 p. ISBN 0-7246-1633-0.
- Emison, W.B. et al. Atlas of Victorian birds. Melbourne: Dept. of Conservation, Forests and Lands and the Royal Australasian Ornithologists Union, 1987. 271 p. ISBN 0-7241-8387-6.
- Emmett, Anthony, with Waldemarr Austin and Glenda Page. The bare facts: the effect of sun on skin. Sydney: Williams & Wilkins & Associates, 1988. 150 p. ISBN 0-86433-050-2. \$19.95
- Ferrar, Pamela J. Bibliography of Australian native plants. Canberra: Research School of Biological Sciences, Australian National University, 1988. 2 v. ISBN 0-7315-0158-6 (set).
- Gray, F. and L. Zann, eds. Traditional knowledge of the marine environment in northern Australia: proceedings of a workshop held in Townsville, Australia, 29 and 30 July 1985. Townsville, Qld.: Great Barrier Reef Marine Park Authority, 1988. (Workshop series (Great Barrier Reef Marine Park Authority); no. 8). 196 p. ISBN 0-642-52609-5. Gratis



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*compiled by the Membership Committee*

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## New Member Profiles

### Karen S. Ambrose

Karen has been a hospital librarian and a library consultant to hospitals for eighteen years. She is presently Director of Library Services at Edward Hospital, Naperville, IL. Karen holds a B.S. in psychology from the University of Illinois, a M.A.L.S. for the Rosary Graduate School of Library Science, and a M.S. in health education from George Williams College. She is a member of the Medical Library Association and of the Health Science Librarians of Illinois.

### Susan S. Bernet

Susan received an M.S.L.S. in 1987 from the School of Library and Information Science at the Catholic University of America. She is currently responsible for cataloging at the Sybille B. Malloy Memorial Library of the Memphis Botanic Garden. The Botanic Garden is expanding its operations and staff, and the library staff is interested in making their services responsive to the needs of a growing organization, as well as to the needs of the local community. Susan is particularly interested in SLA activities which might be of assistance in this transition.

### Berti Le Sieur

Berti obtained her M.L.S. degree in 1969 from McGill University, Montreal, Canada. Since then she has been working in the Medical Library (now Health Sciences Library) at McGill where she began as Cataloguer, was promoted to Head of Cataloguing, and then Head of Collections/Acquisitions Librarian. She is a member of several professional associations, and has recently rejoined the SLA Eastern Canada Chapter where she is a member of the Directory Committee.

### Bruce A. Leach

Bruce is Head of the Biological Sciences Library at Ohio State University. His M.S.L. and B.A. (in communications) are from Western Michigan University. Before coming to Ohio State, Bruce worked at the University of Maine as Science and Engineering Librarian and as Reference Librarian, and at the Bio-Agricultural Library at the University of California - Riverside.

### Brian Lym

Brian is Assistant Librarian - User Services at the California Academy of Sciences, San Francisco. He previously worked at the Natural Resources Library at the University of California at Berkeley.

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### Diane E. Northup

Diane is Chemistry and Biology Librarian at the Centennial Science and Engineering Library of the University of New Mexico. She holds an M.L.S. from the University of Illinois and an M.S. in biology from the University of New Mexico. Diane was previously a Coordinator of the Primary Care Curriculum at the UNM School of Medicine. She has also served as Chief of Education and Instruction Programs and as Senior Reference Librarian at the UNM Medical Center Library. Diane's Master's thesis concerns the community structure of the arthropods of Carlsbad Cavern. She has also published several papers in the areas of medical education and health sciences librarianship.

### Karen L. Pomerantz

Karen received her M.L.S. in 1986 from the University of Maryland. She is a health information specialist with Options & Choices, a private company that helps people understand their medical conditions and make treatment decisions. Her major interest is in consumer and patient education services.

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For more information contact Kathy Warye Hackl, Assistant Executive Director, Professional Growth at 202/234-4700.

## San Antonio 1991!

*Barbara Montanary, Chair-Elect*

It is not too early to start planning for San Antonio in 1991! I would like to have volunteers for a hospitality committee by January 15, 1990, so that I can report to this committee any ideas I pick up at the 1990 SLA Winter Meeting.

Hospitality Committee members can be from any geographic location. I would, however, like the chair to be a Texan, preferably from San Antonio. The responsibilities for this committee will include:

1. The first six to eight months are the fun part - generating ideas.
2. The next ten to twelve months will be implementing some of these ideas. The chairperson will need to make a few of the local arrangements, scout out locations, and possibly work out some logistics -- all dependent upon the types of programs BSD offers in San Antonio.
3. The major responsibilities for the Hospitality Committee take place during the Annual Meeting. The Hospitality Committee arranges for food and beverages for the evening BSD Open Houses and also acts as bartenders and hostesses. There are usually three or four Open Houses during the Annual Meeting and usually two of these are sponsored in conjunction with another division.

I was Hospitality Chair a few years ago at the Anaheim Annual Meeting and I can speak from experience - the Hospitality Committee is an enjoyable way to participate in our division and to really meet other BSD members while providing a very significant contribution to our division.

Please volunteer - you will be glad you did!

Barbara Montanary  
13181 Wickshire Lane  
Tustin, CA 92705

or  
call me at work at (714) 856-6729.

## Publication Schedule

*Biofeedback* is published four times a year. Issues will be mailed on the first of February, May, August, and November.

**Deadlines for submitting materials:**

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May issue: April 15

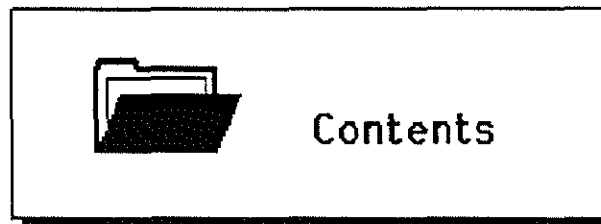
August issue: July 15

November issue: October 15

Send all material to the Editor.

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**Business Manager:** Kurt O. Baumgartner, Research and Development, Pitman-Moore, Inc., P.O. Box 207, Terre Haute, IN 47808; 812/232-0121; FAX: 812/238-1077.

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