
April 2005

Chemistry Division

Dawn French

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Chemistry Division

Dawn French, Chair



The Chemistry Division is concerned with chemistry and chemical technology, and the economics, educational advances, and information handling of developments in the field of chemistry and related subjects.

Here we are in the middle of spring, and speaking of spring, have you registered for SLA 2005 in Toronto? Hurry, because you don't want to miss out. Make your travel arrangements and pack your bags to attend the 2005 Conference in Toronto! We have some really exciting sessions and activities planned for the Division, including sessions on Finding Properties Information, Green Chemistry, and Open Access. Division activities include a Division Suite, the All Sciences Reception at the Steam Whistle Brewery (<http://www.steamwhistle.ca>), and the No-Host Dinner at Joe Baladi's Italian Restaurant (<http://www.toronto.com/infosite/146694/>). See the complete listing of our sessions and activities in this issue. The SLA website has Toronto travel information at <http://www.sla.org/toronto/2005/>.

SLA is moving its fiscal year to match the calendar year. In order to do so, SLA Headquarters has recommended that Division and Chapter officers in office as of July 1, 2005 hold that office until December 30, 2006. Below will be the timeline of officer terms for the Chemistry Division:

Ted Baldwin	Chair	July 1, 2005 to Dec. 31, 2006
Dawn French	Past Chair	July 1, 2005 to Dec. 31, 2006
New Chair Elect		July 1, 2005 to Dec. 31, 2006
Kiem-Dung Ta	Treasurer	July 1, 2005 to Dec. 31, 2006
New Secretary		July 1, 2005 to Dec. 31, 2007

As you can see, we have some voting to do, so be sure to attend the Division Annual Business meeting on Tuesday, June 7th from 7:30 – 9:00 AM. Come meet fellow Division members and learn about Division activities. See below for the list of nominees for Chair-Elect and Secretary.

Also as you can see, my time as Chair is winding down. Thank you to everyone who has helped me along the way. Being Chair has given me a wonderful chance to work with and learn from some really great people and to meet new colleagues and friends. I look forward to working with all of you in the future and to seeing you all in Toronto! ❖

Dawn French
Dawn.French@milleniumchem.com

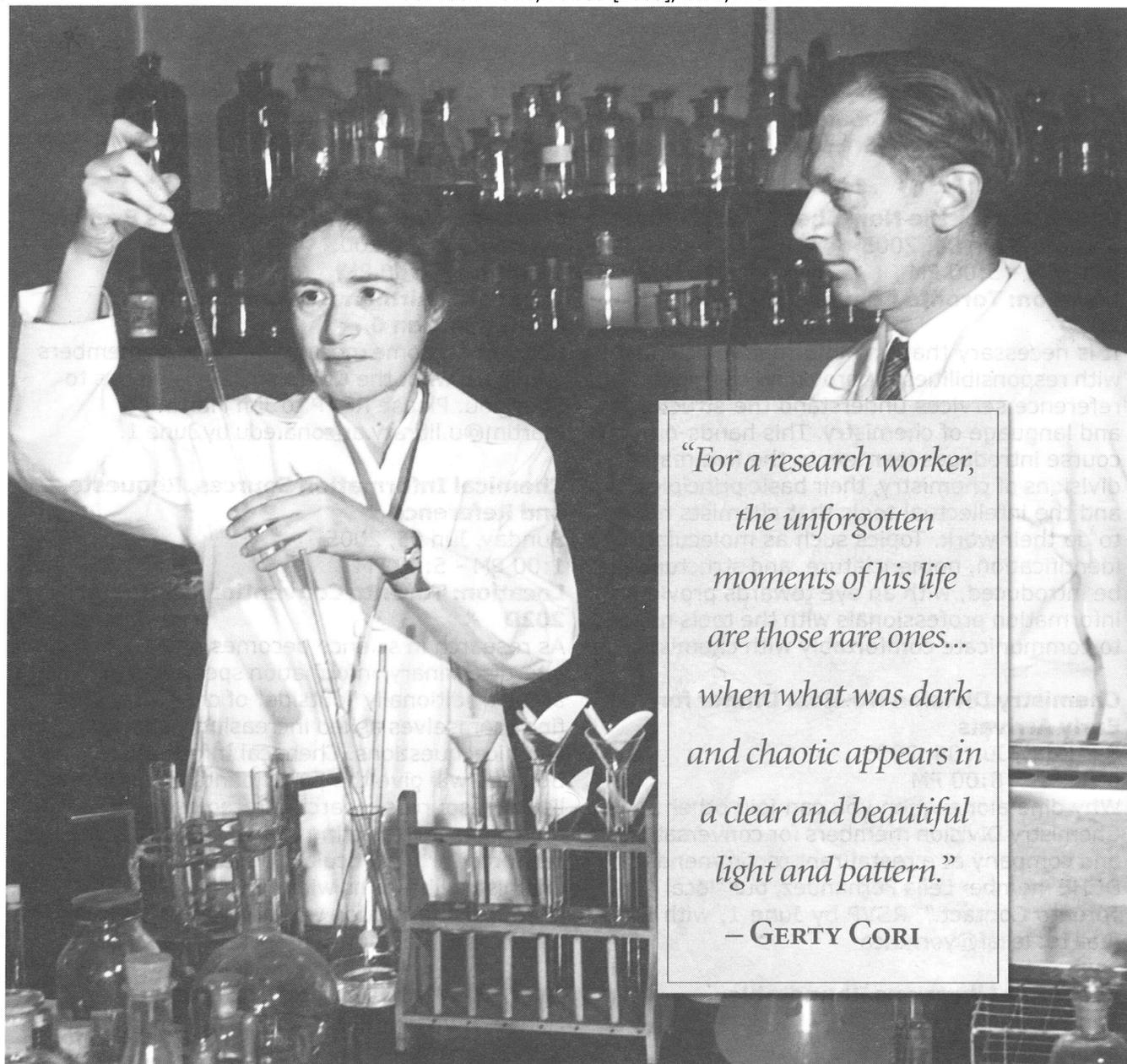


The SLA Chemistry Division Nominating Committee is pleased to announce the following slate for 2005:

Chair-Elect: A. Ben Wagner (term 2005-2006; Chair 2007)
Secretary: David R. Peck (term 2005-2007)

The slate will be formally accepted and approved during the SLA Chemistry Division Business Meeting at the SLA Conference in Toronto.

Submitted by,
Nominating Committee, SLA Chemistry Division
Marion Peters, Chair (Past Chair, SLA Chemistry Division)
Denise Callihan
Susanne Redalje



*“For a research worker,
the unforgotten
moments of his life
are those rare ones...
when what was dark
and chaotic appears in
a clear and beautiful
light and pattern.”*

— GERTY CORI

Encouraging new discoveries in the chemical sciences is central to our mission at the American Chemical Society. That’s why ACS Publications provides subscribers access to more than 125 years of the most read, most cited, and most requested journals in chemistry. Because with that kind of access, anything is possible.

Join the ACS Cycle of Excellence.

Contribute. Publish. Review.



ACS PUBLICATIONS
HIGH QUALITY. HIGH IMPACT.

In September 2004, ACS dedicated a National Historic Chemical Landmark honoring the research of Carl and Gerty Cori on the metabolism of carbohydrates at The Washington University School of Medicine in St. Louis, Mo.

Chemistry Division's Schedule for the 2005 Annual Conference

Saturday, Jun 04, 2005 - Wednesday, Jun 08, 2005

Chemistry for the Non-Chemist Librarian

Saturday, Jun 04, 2005

8:00 AM - 5:00 PM

Location: Toronto Convention Ctr Room: 202D

It is necessary that any information scientist with responsibilities for providing chemistry reference services understand the structure and language of chemistry. This hands-on course introduces learners to the five major divisions of chemistry, their basic principles, and the intellectual tools that chemists need to do their work. Topics such as molecular identification, nomenclature, and structure will be introduced, with an eye towards providing information professionals with the tools needed to communicate comfortably with chemists.

Chemistry Division No-Host Dinner for Early Arrivals

Saturday, Jun 04, 2005

6:00 PM - 8:00 PM

Why dine alone when you can join other SLA Chemistry Division members for conversation and company at a restaurant recommended by DCHE member Leila Fernandez, our "local Toronto Contact." RSVP by June 1, with an e-mail to: leilaf@yorku.ca

Academic Librarians Roundtable

Sunday, Jun 05, 2005

7:30 AM - 9:00 AM

Location: Toronto Convention Ctr Room: 104C

This is a time when academic librarians can discuss issues of interest. A continental breakfast will be served.

Biomedical and Life Sciences Vendor Roundtable and Breakfast

Sunday, Jun 05, 2005

9:30 AM - 11:00 AM

Location: Toronto Convention Ctr Room: 206E

Join us for breakfast while listening to the latest updates from vendors of interest to the biomedical and life sciences. Vendors presenting will be BioOne, Wiley (for their Cochrane Library), ISI (for Web of Science and BIOSIS), and Elsevier (for Scopus).

Chemistry Division : New Members Brunch

Sunday, Jun 05, 2005

11:00 AM - 1:00 PM

Location: Fairmont Royal York Room: Confederation 6

Newcomers come meet fellow Division members and learn what the Chemistry Division has to offer you. Please RSVP to Jim Martin at martinj@u.library.arizona.edu by June 1.

Chemical Information Sources, Requests, and Reference

Sunday, Jun 05, 2005

1:00 PM - 5:00 PM

Location: Toronto Convention Ctr Room: 202D

As research in science becomes more interdisciplinary, information specialists in areas traditionally "outside" of chemistry may find themselves asked increasingly specific, chemical questions. Chemical Information Sources will give the participants an extensive list of resources, search strategies, and guidelines for selecting the most appropriate resource for a particular question. Non-chemistry librarians with a need to find chemical information will also find these aspects of the course useful.

INFO-EXPO Networking Reception

Sunday, Jun 05, 2005

4:00 PM - 6:00 PM

Location: SLA INFO-EXPO Hall

SLA Exhibitors want to see you in the SLA INFO-EXPO Hall. Come and enjoy the refreshments and activities in the SLA INFO-EXPO Hall. Wine Bars are sponsored by the Thomson Businesses.

Chemistry Division Board of Directors Meeting

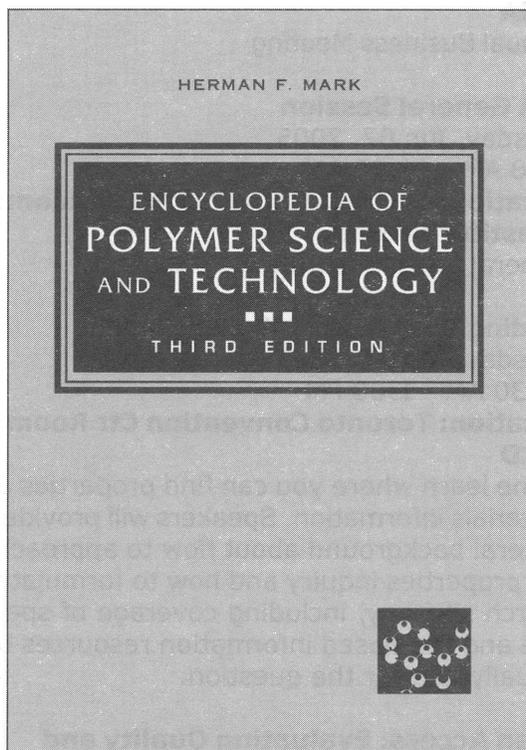
Sunday, Jun 05, 2005

6:00 PM - 8:00 PM

Location: Fairmont Royal York Room: York

With 2004-2005 officers, committee chairs, and functionaries.

New fuel to spark discovery.



This completely new *Third Edition* of the Mark *Encyclopedia of Polymer Science and Technology* brings the state of the art to the twenty-first century, with coverage of nanotechnology, new imaging and analytical techniques, new methods of controlled polymer architecture, biomimetics, and more. Published in three parts of four volumes each, each part contains an A-to-Z selection of the latest in polymer science and technology as published in the updated, online edition of the *Encyclopedia*.

12-Volume Set • 0-471-27507-7 • Cloth • 2004
\$4,200.00 US/\$5,459.99 CAN

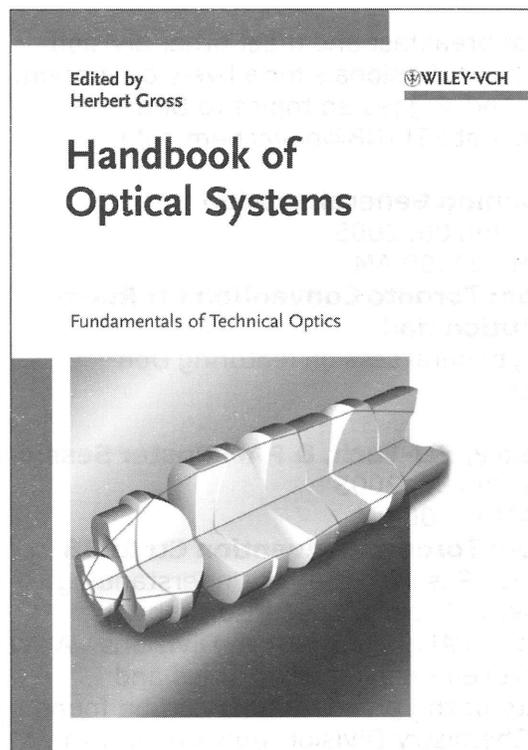
Also available:

5-Volume Set
3-527-40320-5 • Cloth • 3,520 pp. • 2004
\$1,430.00 US/\$1,858.99 CAN

Available through your vendor.

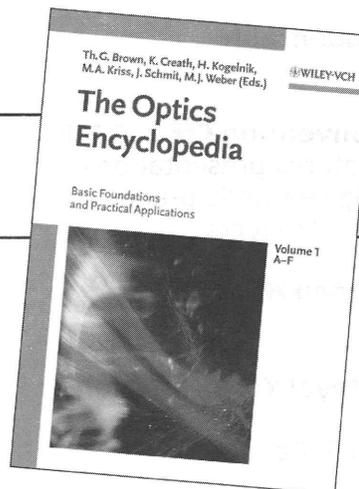


Online editions available at www.interscience.wiley.com



This state-of-the-art, full-colored handbook offers a comprehensive introduction to the principles and the practice of calculation, layout, and understanding of optical systems and lens design. More than 3,000 full-color illustrations and images support the reader and supply an easy understanding of complex optical systems and optical modeling.

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Special Set Price Through 6/30/05:
\$2,010.00 US/\$2,612.99 CAN
Afterward, \$2,310.00 US/\$3,002.99 CAN



Chemistry Division Corporate Roundtable Breakfast

Monday, Jun 06, 2005
7:30 AM - 9:00 AM

Location: Toronto Convention Ctr Room: 206A

Come for breakfast and meet other division corporate professionals for a lively discussion. Please send suggested topics to Brian Steinmetz at STEINB@novachem.com .

SLA Opening General Session

Monday, Jun 06, 2005
9:30 AM - 11:00 AM

Location: Toronto Convention Ctr Room: Constitution Hall

Opening general session featuring Don Tapscott

Chemistry, Sci-Tech, & PAM Poster Session

Monday, Jun 06, 2005
11:30 AM - 1:00 PM

Location: Toronto Convention Ctr 103B

The Poster Session, "Better Understanding Your Users," is being cosponsored by the Chemistry, PAM, and Sci-Tech Divisions. A list of the presenters along with titles and abstracts of the presentations can be found on the Chemistry Division web site at <http://www.sla.org/division/dche/2005/poster.htm>.

INFO-EXPO Networking

Monday, Jun 06, 2005
1:30 PM - 3:00 PM

Location: SLA INFO-EXPO Hall

Special non-conflict hours for you to learn more about SLA exhibitors. International refreshments will be served. See a unique Greek Statue located right center of hall.

Chemistry Vendor Roundtable

Monday, Jun 06, 2005
3:30 PM - 5:00 PM

Location: Toronto Convention Ctr 203A-B

This annual session features presentations from vendors regarding new and up-and-coming releases to their products.

Chemistry Division Open House

Monday, Jun 06, 2005
8:00 PM - 10:00 PM

Location: Fairmont Royal York Division Suite

Open House in Division Suite

Chemistry Division Business Meeting and Breakfast

Tuesday, Jun 07, 2005
7:30 AM - 9:00 AM

Location: Toronto Convention Ctr Room: 206A

Annual Business Meeting

SLA General Session

Tuesday, Jun 07, 2005
9:30 AM - 11:00 AM

Location: Toronto Convention Ctr Room: Constitution Hall

General Session featuring Bill Buxton.

Finding Properties Information

Tuesday, Jun 07, 2005
11:30 AM - 1:00 PM

Location: Toronto Convention Ctr Room: 201D

Come learn where you can find properties and materials information. Speakers will provide general background about how to approach the properties inquiry and how to formulate a search strategy, including coverage of specific free and fee-based information resources to actually answer the question.

Open Access: Evaluating Quality and Participation

Tuesday, Jun 07, 2005
1:30 PM - 3:00 PM

Location: Toronto Convention Ctr Room: 205A-B

OK, we've gotten with the program, and we know what Open Access is. Let's take the next step. How do OA journals perform with citation analysis? How does self-archiving affect readership? How do publishers determine their business models? What are the most effective ways to engage faculty attention and participation in OA publishing?

INFO-EXPO Networking

Tuesday, Jun 07, 2005
3:30 PM - 5:00 PM

Location: SLA INFO-EXPO Hall

This is your last chance for exclusive non-conflict time in the SLA INFO-EXPO Hall. Ice Cream Bar refreshment will be available.

SLA Annual Business Meeting

Tuesday, Jun 07, 2005
5:15 PM - 6:15 PM

Location: Toronto Convention Ctr 105 - 107
Annual Business Meeting

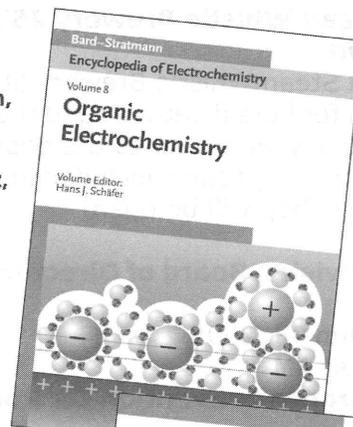
Essential and affordable.

ENCYCLOPEDIA OF ELECTROCHEMISTRY

Allen J. Bard, Martin Stratmann, Eliezer Gileadi, Michael Urbakh, Ernesto J. Calvo, Patrick R. Unwin, Gerald S. Frankel, Digby Macdonald, Stuart Licht, Hans J. Schäfer, George S. Wilson, Israel Rubinstein, Masamichi Fujihira, Patrick Schmuki, Fritz Scholz, Christopher J. Pickett, and James F. Rusling

This 11-volume encyclopedia provides both an easy introduction to all topics related to modern electrochemistry as well as a comprehensive overview of the subject. Unrivalled in its breadth and depth, this first-class reference work has been created and written by renowned scientists. It covers everything from fundamental research to areas of application. Set publishing now through 2006.

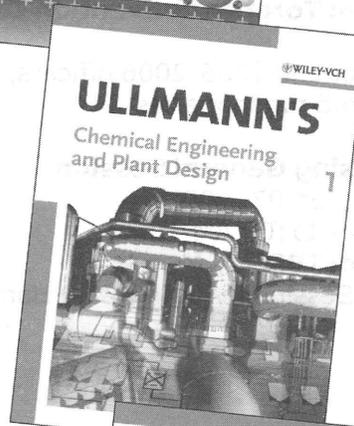
10 Volumes + Index • 3-527-30250-6 • Cloth • 6,000 pp.
Special Set Price Through 7/31/05: \$2,970.00 US/\$3,860.99 CAN
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ULLMANN'S CHEMICAL ENGINEERING AND PLANT DESIGN

Offering the same high-quality information contained in the very latest edition of the world-renowned, full-sized 40-volume *Ullmann's Encyclopedia of Industrial Chemistry*, this compact, subject-oriented, 2-volume handbook provides smaller institutions and companies with affordable access to *Ullmann's* unparalleled coverage. *Ullmann's Chemical Engineering and Plant Design* comprises a much-needed one-stop resource for the plant design engineering community.

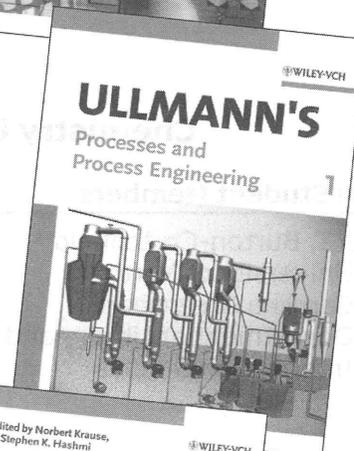
2 Volumes • 3-527-31111-4 • Cloth • 1,399 pp. • \$525.00 US/\$682.99 CAN



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MODERN ALLENE CHEMISTRY

Norbert Krause and A. Stephen K. Hashmi

This two-volume handbook covers all the important aspects and facts related to the important topic of allene chemistry. The treatment covers the whole range from the synthesis and classification, via reactions, right up to possible applications in the synthesis of natural products and drugs. With their contributions, an international team of outstanding authors highlight the multifarious uses and classes of allenes, making this an indispensable work for every organic chemist.

2 Volumes • 3-527-30671-4 • Cloth • 1,159 pp. • \$520.00 US/\$675.99 CAN
Date of Publication: 12/04



Available through your vendor.

Online editions available at www.interscience.wiley.com

All Sciences & Engineering Reception at the SteamWhistle Brewery

Tuesday, Jun 07, 2005
6:30 PM - 8:30 PM

Location: SteamWhistle Brewery 255 Bremner Blvd

Join us at the SteamWhistle Brewery at 255 Bremner Blvd for hors d'oeuvres and the local brew. It's an easy walk over to the popular landmark. A brewery tour is included in your ticket, and the shop will be open!

Chemistry Division Board of Directors Meeting

Wednesday, Jun 08, 2005
7:00 AM - 8:30 AM

Location: Toronto Convention Ctr Room: 206A

With incoming 2005-2006 officers, committee chairs, and functionaries

SLA Closing General Session

Tuesday, Jun 07, 2005
9:00 AM - 11:00 AM

Location: TBD

General Session featuring Gary Hamel

Green Chemistry

Wednesday, Jun 08, 2005
11:30 AM - 1:00 PM

Location: Toronto Convention Ctr Room: 202C

To paraphrase Kermit the Frog, what does it mean for chemistry to be green? Will we leave the generations to come with a slag heap of hazardous waste or a wealth of renewable resources? Our panel of practitioners will show us the way. Bring your lunch and join us for this informative session.

Winner's Circle of Best Science Websites

Wednesday, Jun 08, 2005
1:30 PM - 3:00 PM

Location: Toronto Convention Ctr Room: 202B

Members of SLA's science related divisions will highlight the best new, recently revised and 'must see' Web sites in their respective subject areas.



Chemistry Division Welcomes These New Members

New Student Members

John T. Burton-Crutchfield
University of North Carolina Greensboro
Department of Library and Information Studies

Kristin Hoffmann
University of Victoria
British Columbia
McPherson Library

Emily C. Lanning
Raleigh NC

Olivia B. Sparks
Chandler AZ

Other New Members

Hector Bolanos
Scope eKnowledge Center
London, UK

Irene S. Laursen
Wellesley College
Science Library
Wellesley MA

Lee A. Pederson
Brown University
Sciences Library
Providence RI

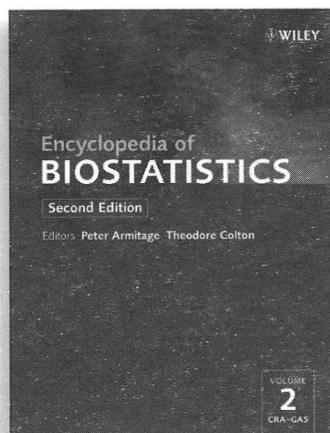
Dr. Rengin H. Konuk
Ethicon
Scientific Information Services
Somerville NJ

Lesley J. Maw
Royal Society of Chemistry
Cambridge, UK

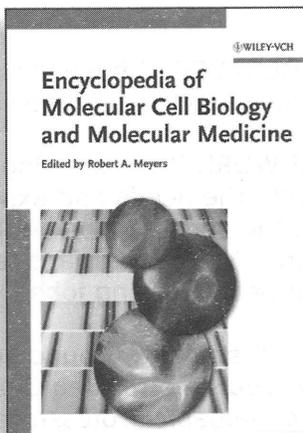
A. Cynthia Weber
Specialty Minerals
Research Library
Bethlehem PA

Need an authoritative resource?

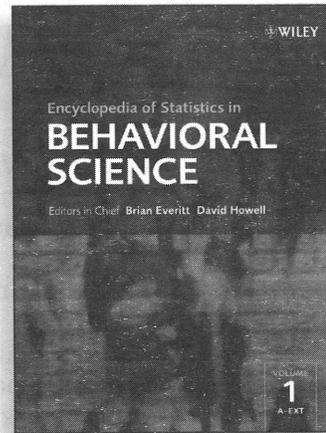
New references from Wiley essential for the biological and behavioral sciences.



0-470-84907-X • Cloth • 6,100 pp. • April 2005



3-527-30542-4 • Cloth • 9,600 pp.
September 2005



0-470-86080-4 • Cloth • 2,706 pp.
May 2005

Praise for the First Edition:

"A resource beyond compare . . . nothing in biostatistics is left uncovered . . . unsurpassed in quality and quantity."
—*British Medical Journal*

"An unsurpassed addition to the statistical literature. . . . The coverage is breathtaking."
—*International Journal of Epidemiology*

A landmark in scientific publishing, revised and expanded to provide up-to-date material on bioinformatics, statistical genetics, and more.

Special Prepub. Price:
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Praise for the First Edition:

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—*Trends in Molecular Medicine*
/Molecular Medicine Today

"...an authoritative reference source of the highest quality. ... It is extremely well written and well illustrated..."
—*American Reference Books Annual*
(Library & Information Science Annual)

"This series can be recommended without hesitation to a broad readership including students and qualified researchers... articles... set-up facilitates easy reading and rapid understanding... overwhelming amount of valuable data."
—*Molecular Biology Reports*

The *Second Edition* of this highly acclaimed, sixteen-volume encyclopedia now contains 150 new articles—out of approximately 425 articles in all—and extended coverage of cell biology. It is thus the most comprehensive and most detailed treatment of molecular biology, cell biology, and molecular medicine available today—designed in collaboration with a founding board of 10 Nobel laureates.

\$5,920.00 US/\$7,695.99 CAN/£3,200.00 UK

The *Encyclopedia of Statistics in Behavioral Science* encapsulates the refined statistical concepts and techniques that are essential to the advancement of psychology and its ever-widening fields of application. More than 600 articles and 400 contributions, from eminent psychologists and statisticians worldwide, provide comprehensive accounts of statistical methodologies in the behavioral sciences, highlighting new techniques and developments from the past decade along with up-to-date coverage of developing fields, including neuroscience, behavioral genetics, decision learning, and cognitive science. The emphasis is on practical, non-technical methods with wide-ranging application. The text is extensively cross-referenced to ensure fast and accurate access to available information.

Special Prepub. Price
\$1,250.00 US/\$1,624.99 CAN/£695.00 UK
(until 6/30/05; afterwards, \$1,495 US)

 **WILEY**
wiley.com

2005 Marion Sparks Award Winner Profile

NAME: Hilary Davis

OCCUPATION: North Carolina State University Libraries Fellow and Collection Manager for Physical and Mathematical Sciences

IF I WEREN'T IN MY CURRENT POSITION, I'D BE: Making artisan breads, studying plant evolution in the Caribbean, serving as talent agent for my cat who does dazzling parlor tricks, or participating in the Amazing Race

I DECIDED TO GO TO LIBRARY SCHOOL BECAUSE: I have that basic impulse to help people find "stuff" and, for me, it is exhilarating to play a part in a profession that is rapidly evolving.

THE ONE THING I REALLY LOVE TO DO AT WORK IS: Removing barriers to learning and scholarship by synthesizing innovation with the needs and expectations of our researchers and students. I'm learning a great deal from the people I work with at NCSU Libraries. They are excited about the profession; the pride that NCSU Librarians take in our collective accomplishments makes this one of the most rewarding jobs I've ever had.

I AM A MEMBER OF SLA BECAUSE: As a LIS student, I found genuine respect and overwhelming support from my early mentors in the St. Louis Metro Area Chapter of SLA. They got me involved in the chapter and exposed me to valuable professional development opportunities and lifelong friendships.

MY FAVORITE WEBSITE: Angiosperm Phylogeny Website (<http://www.mobot.org/MOBOT/research/APweb/>)

BEST VACATION I'VE EVER TAKEN: A working vacation is more like it – I collected plants over a summer in the Dominican Republic, Puerto Rico, Jamaica and Cuba. Incredibly kind, trustworthy new friends made each trip fun and successful.

LAST GOOD BOOK I READ: "Out of the Flames", Lawrence and Nancy Goldstone

FAVORITE ACTIVITY: Pottery, hosting dinner parties for friends

PETS: Pablo, Kali, Amuna (all brilliant and beautiful cats) ❖



2005 Marion E. Sparks Award for Professional Development Application Essay

Hilary Davis

As library professionals and lifelong students, we have an obligation to recognize and seize opportunities that enhance the dynamic nature of information and help information seekers tap into, evaluate and fully exploit the dimensional quality of knowledge and learning. As a budding librarian serving as Collection Manager for Physical and Mathematical Sciences, seeking out and following through with professional development opportunities is key to meeting this obligation.

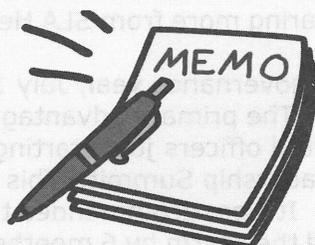
A primary challenge for librarians to serve as partners in higher education presents a pivotal opportunity to expand the traditional role of librarians. To this end, SLA is central in educating library professionals so we can inspire confidence in the clients we serve and remove barriers to learning and scholarship. Opportunities at the SLA Conference to learn about chemistry for non-chemistry librarians and cross-disciplinary topics such as drug-delivery technologies will enable me to more effectively and competently communicate with and remove barriers for STM researchers and students.

Rowley (2003) asserts that librarians are responsible for aligning the organization and its staff with its marketplace; in essence, enabling the organization and its members to make sense of themselves in the context of their environment. To better fulfill this role, we need to develop the power to persuade, the ability to think more strategically about the entire organization, and we need to develop more profound leadership skills. Collaborating with colleagues and mentors at the SLA Conference will undoubtedly illustrate innovative ways to promote library services while providing me with insights on how to be a more integral part of top-level decision-making, and how to positively influence the way my organization behaves, learns and succeeds.

Opportunities to learn about current research initiatives in science librarianship are essential to figuring out how to stay relevant in the life of science researchers and students. For example, sessions at the SLA Conference on learning statistical analysis and interpretation techniques for understanding library user experiences can help to better inform collection development decisions. I also look forward to exploring and sharing ideas on how users intersect with libraries at the Chemistry, Sci-Tech, Physics, Astronomy and Math poster session.

SLA provides critical leverage and guidance in terms of community awareness, planning for the future, managing our collections in the digital age, and understanding legal issues involving copyright and intellectual property rights. Workshops at the SLA Conference on digital licensing agreements, negotiation skills, and forums on open access issues and best practices will empower me to better shape scholarly communication in a globally accessible format that enables and inspires its users. ❖

Rowley, Jennifer. 2003. Knowledge management - the new librarianship? From the custodians of history to gatekeepers to the future. *Library Management*, vol. 24 (8/9): 433-440



Help Wanted

Sci-Tech News – Two Positions

Advertising Manager

The Advertising Manager solicits advertisements and maintains regular contact with participating businesses. Coordinates and manages all ads for each issue, working closely with STN Editor, Business Manager, and Editorial and Advisory Boards.

Subscription Manager

The Subscription Manager maintains records of subscribers, obtains and verifies mailing labels for subscribers from Association HQ and forwards to printer. Works closely with STN Editor.

Please contact Susan Fingerman if interested:
susan.fingerman@jhuapl.edu or
443-778-4301