

# Communique

Fall 1998

## Congressional Fellow Selected



Bradley Shurdut

Bradley Shurdut, Global Risk Assessment Manager for Dow AgroSciences, has been selected to serve as SOT's first Congressional Fellow. Mr. Shurdut is scheduled to begin in January 1999, at which time, he will take a leave of absence from his employer. SOT's advocacy group, Capitol Associates, is working with SOT and Mr. Shurdut to find an appropriate placement on Capitol Hill where he can contribute scientific and technical input to the process of developing public policy.

Mr. Shurdut's credentials include a Bachelor's of Science degree in Biology from the University of Michigan, a Master's of Science degree in Environmental Health

Sciences from Harvard University, and a Juris Doctorate degree in Environmental/Administrative Law from Indiana University.

The SOT Regulatory Affairs and Legislative Assistance Committee is developing plans for congressional staff brown-bag luncheons, workshops, and SOT newsletter reports. The SOT Council is enthusiastic about the roll an SOT Congressional Fellow will play in helping to get sound science incorporated into legislative and regulatory decisions.

## Oxford University Press Selected to Publish ToxSci

As part of the SOT's goal of making *Toxicological Sciences* one of the top-performing toxicology journals in terms of the quality of science, the efficiency of its publication process, and its profitability, SOT has selected Oxford University Press (OUP) as the new journal publisher. OUP, a nonprofit organization, is the largest and most international of university presses, with publishing programs in 13 countries. In 1997, OUP published 3,000 books and 165 journals worldwide. OUP limits their journals to those that are of the highest quality and most preminent in their field. SOT is proud to be a part of this prestigious group that includes such journals as *Carcinogenesis* and *The Journal for the National Cancer Institute*.

Continued to page 11

# NEWS IN THIS ISSUE

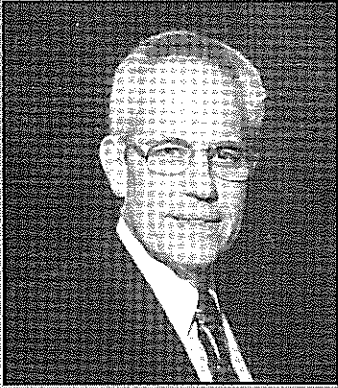
Annual Meeting Information	4
Instructions for Special Sessions	5
Regional Chapters Take Paracelsus to Their Schools	6
Tips for School Mentors	7

## Chapter News

### New Northland Regional Chapter

The Society of Toxicology Council has recently approved the formation of the Northland Regional Chapter of the Society of Toxicology. It is anticipated that the Northland Regional Chapter will serve as the regional focal point for toxicologists in the states of Minnesota, North Dakota, South Dakota and Montana, as well as for any other interested toxicologists in the surrounding areas. The charter membership of the Northland Chapter has been drawn from numerous organizations including the University of Minnesota; University of North Dakota; North Dakota State University; the US Environmental Protection Agency, the Minnesota Department of Health, the Minnesota Pollution Control Agency; General Mills; MGI Pharma, Inc.; Medtronic, Inc.; and the 3M Company.

The Northland Regional Chapter will hold an organizational meeting later this fall. If you would like further information about the new Chapter, please E-mail or call Robert Roy (3M Company) at rroy@mmm.com or (651) 736-3692.



*Steven D. Cohen, D.Sc.  
1998-99 President of the  
Society of Toxicology*

## FUTURE SOT ANNUAL MEETINGS

- 1999: March 14-18  
New Orleans,  
Louisiana
- 2000: March 12-16  
Philadelphia,  
Pennsylvania
- 2001: March 25-29  
San Francisco,  
California
- 2002: March 18-22  
Nashville,  
Tennessee

## INSIDE

Animals in Research	6
Placement Service	14
Council Highlights	14
Upcoming Conferences	15
Media of Interest	15
Member News	16

# PRESIDENT'S MESSAGE

## SOT COUNCIL SPEAKS OUT AND MEMBERS RESPOND

In my first President's Message, I emphasized how SOT initiatives are guided by Horizon 2000, our strategic, Long-Range Plan (LRP). In the summer message I emphasized how participation in the Council of Scientific Society Presidents (CSSP) can help facilitate achievement of our LRP objectives. Importantly, the CSSP emphasizes the critical need for speaking out for science. For this message, I will provide you with an update on recent SOT activities that address this issue.

At its July meeting, Council took two very significant steps toward advancing LRP #2 - Foster the Use of Sound Science to Improve Risk Assessment. Indirectly, these Council actions also foster LRP #1 - Support & Advance Basic and Applied Research in Toxicology and LRP #3 - Better Public Understanding of Toxicology.

First, Council directed me, as President, to write, on behalf of the SOT Council, to USEPA administrator Carol Browner encouraging the agency to integrate sound science into the risk assessment process. Second, vice president Jay Goodman was similarly directed to write to SOT members urging individual communication with the EPA on this issue.

These directives and the flurry of correspondence, which later followed, were the result of Council's discussion of an article that appeared in *Inside EPA's Risk Policy Report (RPR)* entitled: CHLOROFORM CONTROVERSY RAISES MAJOR SCIENCE, RISK POLICY STAKES. The article reported that concerns had been raised that the agency might yield to intense political pressure in setting a drinking water standard for chloroform, and place at stake the status of the proposed cancer risk assessment guidelines and EPA's commitment to sound science. Council felt that this report warranted quick action as it raised concerns of direct relevance to SOT members and to the toxicological sciences in general. The more traditional, SOT position paper approach would not have permitted a timely response. In following our plan of immediate action, no position was taken or implied on the chloroform issue, per se, and careful consideration was given to avoid conflict with established SOT policies. The final version of the EPA letter ([www.toxicology.org](http://www.toxicology.org) - see President's Page) reflected several iterations with input from other members of Council and review by SOT counsel and Capital Associates. The letter urged "...that EPA's decision be based upon the consideration of sound science..." and, in addition, offered SOT's assistance to the agency. On the advice of Capital Associates the letter was also copied to congressional committees that have jurisdiction over EPA-related issues. The memo from **Jay Goodman**, sent to all SOT members on August 4, 1998, highlighted the significance of the issue, and was accompanied by a copy of my letter to Administrator Browner and also included a copy of the June 19 RPR article. We know from copies which you provided that several of you, heeding our call, wrote directly to the EPA on the issue. Hopefully, others wrote also.

It was extremely gratifying to hear from many members who expressed their support for the actions taken, and to receive copies of many members' personal letters to the EPA. The majority of the letters, e-mails and phone calls we received were extremely supportive. These came from members in all sectors (academia, government and industry/private), and three came from international members. A few representative quotes:

- "... pleased that SOT did this."
- "... a strong stance for good science."
- "... strengthens the credibility and value of the toxicology community."
- "... thank you for taking the initiative..."
- "... letter was right on ..."
- "... strongly support the letter..."
- "... only with involvement ... of scientists ... can we ... improve social decisions about chemical risks."
- "... great letter..."
- "... excellent letter. ...offers help...within SOT procedural guidelines."
- "... concur with your concerns..."

Additionally, one member wrote to several faculty members at his university asking them to write to the EPA. Another encouraged three professional organizations with

interests in toxicology and risk assessment to follow SOT's lead and speak out for sound science in risk assessment, and still a third has placed the issue on the agenda of the British Toxicology Society for consideration by Eurotox.

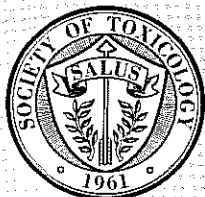
Of course, with close to 5,000 members, it was not surprising that not all responses were favorable. Unfortunately, the two who wrote to voice their concerns and objections perceived the EPA letter to reflect an official SOT position on the chloroform standard, e.g.:

- "... not appropriate...to commit the Society to either side of this argument."
- "... express concerns with the position taken by the Society on...chloroform..."
- "... cast those urging caution as [being] opposed to sound science."

To date, we have had no formal response from the EPA, but have received acknowledgement from Senator Chafee, chairman of the Committee on Environment and Public Works. Realistically, these most recent SOT actions may not, by themselves, have any immediate or direct impact. However, together with recent SOT position papers and past testimony at congressional budget hearings, our current efforts reflect a continuum of increasing SOT visibility in the public arena to address toxicological issues. I believe that SOT must continue to voice its professional opinion and offer its professional assistance to Congress and the regulatory agencies whenever appropriate. The goal of such efforts should be to increase the awareness of SOT as a credible and valuable resource. Importantly, our EPA letter was recently referenced in George Gray's October 7, Op-Ed Commentary in the *Washington Times* entitled, "The EPA's Risky Business." In the long run, such SOT activities will have a very positive impact on achievement of our LRP objectives. Responding to emerging issues like the one raised in the EPA letter is exactly what SOT should continue to do to promote sound science. Of course, increased visibility requires increased responsibility. We must remain cautious and ever vigilant to avoid any appearance of conflict of interest, and to be certain that no actions are taken which may damage SOT's good name and credibility.

I speak for Council in stating that we are most grateful for the overwhelmingly favorable comments received on this matter to date, and appreciate all who took the time to provide constructive feedback whether supportive or critical. Your collective input will help increase Council's awareness of the diversity of interests represented within SOT and this will better shape our efforts to achieve our Horizon 2000 goals. As always, your comments, criticisms and suggestions are most welcome and will be thoughtfully considered. Best wishes for a safe and enjoyable Fall season.

*Steve Cohen*  
**Steven D. Cohen**  
 1998-99 President



The *Society of Toxicology Communiqué* is published 5 times annually in Reston, Virginia, for members of the Society of Toxicology.

**Editorial Office and Membership:**  
 Society of Toxicology  
 1767 Business Ctr. Dr., Suite 302  
 Reston, VA 20190-5332  
 Phone: (703) 438-3115  
 Fax: (703) 438-3113  
 E-Mail: [sothq@toxicology.org](mailto:sothq@toxicology.org)  
 Visit the SOT Home Page at <http://www.toxicology.org>

**Newsletter Editor:**  
 A. Jay Gandolfi, Ph.D.  
**Deadlines for Upcoming Issues:**  
 December 3, 1998 (Special Issue)  
 April 3, 1999 (Spring Issue)  
 June 3, 1999 (Summer Issue)

OCTOBER 26 - 28, 1998

## The Role of Diet and Caloric Intake in Aging, Obesity, and Cancer

Opening Keynote Speaker  
**Dr. Bruce Ames**  
 University of California / Berkeley

Register Today!

Space is limited

### Distinguished Key Speakers Include:

- Dr. Joann Manson, Harvard University School of Medicine
- Dr. Roy Walford, University of California
- Dr. Richard Weindruck, University of Wisconsin
- Dr. Walter Willett, Harvard University School of Public Health
- Dr. Gary Williams, American Health Foundation

Program Chair: Dr. Rakesh Dixit, Merck & Co., Inc.

### Key Topics

- Caloric Restriction in Aging and Disease Prevention
- Caloric Restriction in Toxicology/Cancer Bioassays
- Caloric Intake, Genetics and Body Weight Regulation
- Obesity in Renal and Cardiovascular Diseases and Diabetes
- Dietary Fat and Risk of Breast and Prostate Cancer
- Cancer Prevention with Dietary Chemicals

Contact: SOCIETY OF TOXICOLOGY  
 1767 Business Center Drive, Suite 302  
 Reston, VA 20190-5332  
 Phone: (703) 438-3115 Fax: (703) 438-3113  
 E-mail: [sothq@toxicology.org](mailto:sothq@toxicology.org)  
 Visit: <http://www.toxicology.org/dietobesity.html>

HYATT REGENCY • RESTON, VA

## Membership Directory Update

<b>Hobson, David W., PhD, DABT</b> DPT Laboratories 318 McCullough San Antonio, TX 78215 USA F /T: (210) 476-8188 F: (210) 224-5611 E-mail: <a href="mailto:dave.hobson@dptlabs.com">dave.hobson@dptlabs.com</a>	<b>Kutz, Stephen A., PhD</b> Glaxo Wellcome Inc. 5 Moore Drive (R&D 9-2009) Research Triangle Park, NC 27709 USA F /T: (919) 483-6812 F: (919) 483-6858 E-mail: <a href="mailto:sak6372@glaxowellcome.com">sak6372@glaxowellcome.com</a>
<b>Rosenberg, Philip, PhD</b> 37 Lincoln Avenue West Orange, NJ 07052 USA F /T: (973) 669-5997	<b>MacGregor, Judith A., PhD, DABT</b> Toxicology Consulting Services 6905 EarlsGate Way Rockville, MD 20852 USA F /T: (301) 530-4188 F: (301) 530-4188

# 1999 Annual Meeting

SOT activity heightens at Headquarters and among various committees with the approach of the 1999 Annual Meeting. SOT members should begin thinking about their own plans as the New Orleans location promises to make registrations for this meeting greater than ever. A Preliminary Information Packet, including Registration, Housing, Travel, and Abstract Forms, was mailed in July. Symposia descriptions will be published in the Winter *Communiqué*. A Preliminary Program with complete Continuing Education Course descriptions, as well as symposia, workshop, and roundtable abstracts, will be sent in December to members who have not yet registered for the Annual Meeting. The Final Program and *The Toxicologist* (the special edition of *Toxicological Sciences*) will be mailed to members in February 1999.

## Exhibits

If your products are science related, the decision makers you need to reach will be at the 1999 Society of Toxicology Exhibition.

The SOT Annual Meeting Exhibition offers your organization several opportunities to bring its name to the attention of toxicologists. Come and see for yourself why your competitors continue to exhibit at the SOT Annual Meeting.

If you would like an Exhibition Package sent to you, please contact **Clarissa Russell Wilson** at the SOT Headquarters office. Exhibit space is already over 80% sold out.

## Ancillary Meetings

Reserve space for your Ancillary Meeting now! Committees, Specialty Sections, Regional Chapters, alumni organizations, and others who wish to hold a meeting or social function during the week of the Annual Meeting should complete the enclosed Ancillary Meeting Form and return it to **Trish Strong** at SOT Headquarters no later than **November 30, 1998**. Space will be assigned on a first-come, first-served basis, after SOT scientific and social programs have been accommodated.

## Sponsors Needed for Annual Meeting

SOT appreciates the generous support of its Annual Meeting sponsors. Sponsorships contribute to SOT's ability to bring you outstanding science at an economical price.

If your company would like to be a sponsor at the 1999 Annual Meeting, please contact **Clarissa Russell Wilson** at the SOT Headquarters office.

## Late-Breaking Research in Toxicological Sciences to be Offered in New Orleans

Once again, time has been made available on Thursday of the Annual Meeting, for the presentation of approximately 5-8 reports of significant and timely late-breaking research in toxicological sciences. These will be platform presentations, 15 minutes each. Instructions for submission of abstracts and the criteria for selection of these presentations can be found on page 5.

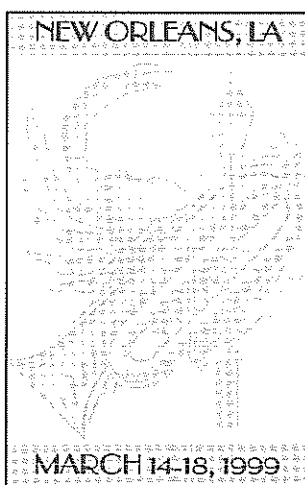
## Socratic Dinners Give Attendees the Opportunity to Share Ideas with Colleagues

In order to offer attendees the opportunity for informal discussion on focused subjects, SOT will be arranging a series of Socratic Dinners at the SOT Annual Meeting in New Orleans. Easels listing the subject area, time, date, and the restaurant, along with 10 blank spaces for participant names will be located in the Registration Area of the Convention Center. Registration will be on a first-come, first-served basis. Participants will meet in the Hilton Hotel lobby 15 minutes prior to dinner and will travel as a group to the restaurant. The discussions will not be facilitated, and each individual will have his or her own bill for dinner. Share your ideas with colleagues who share your interests. Following are the Socratic Dinner subjects:

- Biomarkers
- Reactive Intermediates
- Apoptosis
- Recent Advances in Neurobiology: Implications for Assessment of Neurotoxicity
- Toxicology in the K-12 Curriculum
- Risk Communication
- Altered Kinase/Phosphatase Activity as a Mechanism of Toxicity

## Student/Postdoctoral Fellow Reception

The Society of Toxicology strives each year to improve its Annual Meeting and accomplishes this in part by talking with attendees and listening to their suggestions. Last year, it was suggested that a forum be provided so that students and postdoctoral fellows could meet and talk informally with one another about graduate and postdoctoral programs. Therefore, the Society will be offering a reception for these individuals on Sunday, March 14 from 7:00 p.m. - 8:30 p.m., immediately following the Welcoming Reception. SOT will provide a pasta buffet and DJ. Meeting badges are required.



## Instructions for Special Sessions at the SOT Annual Meeting

**DEADLINE: January 22, 1999**

- 1 The research findings must be both novel and highly significant, and should not have been published or presented at a national meeting.
- 2 The Abstract must be either authored or sponsored by an SOT member in good standing (full membership status is required; a student or associate member may present the paper, however, he/she cannot be the sole or sponsoring author).
- 3 The Abstract must be accompanied by a \$35 abstract submission fee, in the form of a check (U.S. currency) made payable to the Society of Toxicology. Credit card charges and institutional purchase orders are not acceptable.
- 4 Each member in good standing may sponsor or be the first author on only one abstract for this special session, whether or not he/she sponsored an abstract for the regular Annual Meeting Program.
- 5 **Format.** Use the format for title, author, and affiliation as described on the back side of the standard abstract form for the 1999 Annual Meeting. However, **do not use the standard abstract form.** SUBMIT YOUR ABSTRACT TYPED ON ONE SIDE OF AN 8.5" X 11" SHEET OF WHITE PAPER WITH 1" MARGINS ALL AROUND. USE 12 POINT TYPE. UNDERLINE ONLY THE NAME OF THE SOT MEMBER AUTHOR(S) OR SPONSOR.
- 6 All animal experimentation should be carried out in accordance with the Society's criteria for the care and use of animals in research.
- 7 Each abstract must be accompanied by a letter from the sponsor indicating the novel and significant aspects of the work that make it appropriate to be considered for presentation in this session and certifying that the **critical/key** research findings became available **after the October 1, 1998**, deadline for Annual Meeting abstracts. This letter must contain the sponsor's mailing address, fax number and e-mail address (if available) so that the decision of the Program Committee may be communicated rapidly.
- 8 Submission of an abstract represents a commitment by the author (or sponsor) to present the paper if it is accepted by the Program Committee.
- 9 **Deadline.** Abstracts and covering letters must be received in the SOT office by 5:00 p.m., Eastern Standard Time, on **Friday, January 22, 1999**. Submit the original, plus 4 copies of both the abstract and letter. **Fax and E-mail transmissions are not acceptable.** The envelope should be marked clearly

"Late-Breaking Abstract" and addressed to the Society of Toxicology, 1767 Business Center Drive, Suite 302, Reston, VA 20190-5332.

If you wish to receive an acknowledgment of receipt of the abstract, enclose a self-addressed post card with appropriate postage affixed. Accepted abstracts will not be published since they will have been received after the meeting's proceedings have been printed. However, they will be distributed at the session in New Orleans.

- 10 A subcommittee of the Program Committee will select the papers to be presented. Presenters of accepted papers will be notified no later than **Friday, February 12, 1999**.

### Media Resource Specialist Program Deadline Approaching

The Media Resource Specialists (MRS) program is seeking applicants willing to explain complex scientific issues to the media. The deadline for submitting an application is **December 1, 1998**. The MRS program was launched two years ago to assist journalists in identifying expert toxicologists from within the SOT membership who can provide factual information on issues of public concern.

A Regional Chapter, Specialty Section, SOT Standing Committee, or the SOT Council must nominate the Media Resource Specialist. Each expert serves a two-year term. Experience in public communication is required. If you are interested in being considered for a position, please contact your Regional Chapter President, Specialty Section President, Standing Committee Chairperson, an SOT Councilor, or the Committee on Public Communications. Applications are available on the SOT Web site or by contacting **Deborah Hyman** at SOT Headquarters, (703) 438-3115.

All SOT members have the opportunity to attend the Media Training Workshop to be held 3:00-6:30 p.m., Saturday, March 13, 1999 at the Ernest N. Morial Convention Center in New Orleans. The workshop is free for Media Resource Specialists and \$50 for all others. If you need a Registration Form or have questions, call SOT Headquarters.

# Regional Chapters Take Paracelsus to Their Schools

Submitted by *Hollie Swanson and Mary Dereski*,  
K-12 Subcommittee

Kudos to **Anna Shvedova** and the **Alleghany Regional Chapter** for bravely helping to blaze a trail offering a teacher workshop ("Paracelsus goes to School") at their tenth anniversary spring meeting. Eighteen teachers attended the workshop and the reviews were overwhelmingly positive. The program included presentations by **Albert Munson**, **Vincent Castranova**, and **James Barter**, SOT members, and **Dr. Benitez**, a clinical toxicologist from University of Pittsburgh, on toxicology from a historical perspective, with government, industrial, and public health views. **Pat Bordell**, a science teacher at Penn Hills High School (Pittsburgh, PA), explained how to incorporate principles of toxicology into daily lesson plans.

A similar program was offered in October of 1997 through the Michigan Regional Chapter and the Environmental Health Science Center for Molecular and Cellular Toxicology with Human Applications at Wayne State University. SOT partially defrayed the cost of registration and substitute teacher coverage. Twenty high school teachers accompanied by 20 students attended

scientific and educational workshops on "Genes, Environment and the Inherited Basis of Disease." Success of this workshop was evident with a subsequent student research presentation day organized by two of the teachers in attendance. Students presented 78 projects that were derived from topics addressed during the joint Chapter and EHS Center meeting.

If you and your chapter are interested in hosting a teacher workshop, the K-12 Subcommittee will assist in many aspects of the planning details. Contact **Hollie Swanson** (hswan@pop.uky.edu or 606-323-1463), **Mary Dereski** (mderesk@cms.cc.wayne.edu or 313-964-5251) or **Betty Eidemiller** at the SOT Headquarters (bettye@toxicology.org or 703-438-3115).



## ANIMALS IN RESEARCH

Submitted by *Stephen DiZio*

The Society of Toxicology Animals in Research Committee is building a foundation to act as an advocate for the Society on the use of animals in toxicological research. For many years, those engaged in animal research needed to protect human health and the environment have been compelled to react to criticism. When confronted, those scientists have often been unprepared for the carefully rehearsed techniques used to attack their work. One role of this committee will be to provide support to those persons on behalf of SOT, and be proactive, where appropriate, in support of other professional organizations and a similar goal of health and environmental protection.

The basis of these efforts is the mission statement and public position of the Society, which is paraphrased below:

*"This Society believes animal research is necessary to ensure human health and environmental protection. We have seen that there are some important toxic properties of chemicals, which can only be detected by using animals. We believe that animals should only be*

*used in a responsible manner, with a respect for their safety and welfare."*

These sentences are not very technical, as they must represent the SOT talking to the world. The message contains the core principles that rational scientists use in the design of toxicological studies in animals, reduction (without sacrifice of experimental quality), refinement (with the goal of better research), replacement (where better information can be gathered, particularly with regard to mechanism), and responsibility. We must communicate more effectively.

Well-funded advocacy groups are providing simple (and simplistic) messages to the public, challenging the ethics of scientists whose aim is to protect, not harm.

Researchers feel the ethical, as well as legal, responsibility for the animals in their studies. This author spent the first eight years of his career doing drug safety evaluation studies in the laboratory of a company which manufactured a broad line of

*Continued to page 16*

## Tips for School Mentors

If you are interested in serving as a mentor to schools in your area and would like to visit the classrooms, the following tips may be helpful.

- Tip #1: Most teachers welcome any offers of classroom assistance from scientists who can make their information interesting, relevant, and understandable for that grade level.
- Tip #2: Almost any toxicology topic fits in somewhere! Check out the National Science Education Standards or your state goals and objectives for relevant areas. Many teachers will be happy to assist you with the correlation.
- Tip #3: If a teacher seems hesitant when you offer assistance, then chances are probably at least 85-90% that the hesitation comes from either their having no idea how you can help, or having an idea but not knowing how much you are willing to do.

***YOU can make a difference!***

- Tip #4: Reasons vary for polite refusal of your help in the classroom. In most cases the schedule is just too jam-packed already. There are a few reports of teachers being intimidated and "upstaged" by their distinguished guest scientists in front of their own students. Some offers have been turned down because the teacher wanted different scientific expertise than the scientist was offering. There has also been one unconfirmed report (excuse?) for a refusal because the teacher claimed the scientist was required to have a teaching certificate for that age group in order to speak in the classroom(!)
- Tip #5: If a classroom presentation is not in the cards for some reason, try exploring any and all of the following activities if you want to make a contribution: provide tours of your company (or lab), arrange student or teacher job shadowing, host student internships, participate in science fairs by mentoring or judging, offer tutoring, or serve on an advisory committee for a special school program (e.g., science magnet curriculum). Consider setting up a partnership with your organization and a specific school. Although this requires a little more dedication, sustained effort with the same teachers for an extended period is more rewarding to some scientists than a one day presentation in a classroom.

### SOT Fax-On-Demand Service

Call the toll-free SOT information line

**1-800-529-8635**

for the following SOT Annual Meeting materials:

- Registration Forms
  - Tour Forms
  - Housing Request Forms
  - Travel Forms
- Membership Application materials are also available.

# Wanted:

## Host/Mentors for 1999 Minority Student Program

*Do you want to make a  
difference in the public  
perception of toxicology?*

*Are you enthusiastic about  
toxicology as a career?*

If the answers are "yes," SOT needs you to serve as a host/mentor for some of the minority undergraduate students and their advisors at the 1999 Annual Meeting in New Orleans.

The Education Subcommittee on Minority Programs has planned activities for about 60 participants, who will investigate the field of toxicology, interact with poster presenters, learn about toxicology as a career, and explore options for graduate school. The host/mentors arrive Saturday, March 13, 1999; meet their groups during the opening reception, and then are available to interact, answer questions, help students find the rooms for their sessions, and generally, put the students at ease through the end of the program Monday afternoon.

### To volunteer, contact:

**Jose Manautou**

E-mail:

manautou@uconnvm.uconn.edu

or

**Betty Eidemiller**

SOT Headquarters

E-mail: bettye@toxicology.org

Tel: (703) 438-3115.

*The Minority Student Program  
is supported by SOT and  
a NIH-MARC grant.*

# Welcome

Aqel Abu-Qare, PhD  
Michael L. Adams, PharmD  
Robin L. Adams-Hayes, BA  
Lisa D. Ahern, BS  
Luna Al-Khalili, BS  
Jeffrey Allen, BS  
Barbara Lynn Allen-Hoffmann, PhD  
Beth S. Allgaier, BS  
Gail T. Arce, PhD  
Deidra S. Atkins, MS  
Christopher Kenneth Atterwill, PhD  
Herman Autrup, PhD  
Diana J. Auyeung, BS  
Janeen R. Azare, MS, MPH  
Wayne L. Backes, PhD  
Daniel G. Baden, PhD  
Ben A. Bahr, PhD  
Fengju Bai, MS  
Shannon M. Bard, MS  
Frank A. Barile, PhD  
Edward Barrett, MS  
Robert Barter, PhD  
Michael S. Battalora, PhD  
Alan J. Becker, MS, MPH  
Rosonald R. Bell, PhD  
Caroline P. Bell-Quilley, PhD  
Stephen A. Benjamin, PhD  
Gregory D. Bennett, PhD  
Christine E. Bentley, DVM  
Georges Patrick Bergen, MS  
Wallis S. Best-Plummer, MS  
Michael L. Biehl, DVM, PhD  
Robyn B. Blain, MS  
Ronald H. Boecker, PhD  
Mohammed Bourdi, PhD  
Christopher J. Bowman, BS  
Christopher M. Bral, PhD  
Shawn B. Bratton, BS  
Roger Brauning, MS  
Thomas Bruening, MD  
Mary K. Bruno, PhD  
Thomas P. Brunshidle, MS  
Melisa Bunderson, BS  
Heidi M. Burns, BS  
John L. Butenhoff, PhD  
Daniel J. Caldwell, PhD, CIH, DABT  
Aida M. Cancel, PhD  
Vernon T. Cannon, BS  
Jeffrey W. Card, BS  
Erik A. Carlson, MS  
Gaetan Carrier, PhD  
Demetrius C. Carter, BS  
George P. Chada, BS  
Janice M. Chemidlin, BS  
Chuan Chen  
Clarice W. Chen, MS  
Hwei-Hsien Chen, PhD  
Margaret E. Cianciola, MS  
Victor Ciaravino, PhD  
J. Enrique Cometto-Muniz, PhD  
Kevin T. Connor, PhD  
Gwen E. Corbett, MS  
Rachel Cornett, BS  
Jon C. Corton, PhD  
Anthony Costantino, PhD  
Douglas N. Cox, PhD  
Charles Crespi, PhD  
Frances G. Crofts, PhD  
Rosanne M. Crooke, PhD  
Christopher Neil Crouch, BS  
Claire Croutch, MS  
Michael Kenneth Cruikshank, BS  
Matthew Cukierski, PhD  
Mary Jane Cunningham, PhD  
George C. Daher, PhD  
Rosalind R. Dalefield, PhD  
Shana R. Dalton, MS  
Timothy P. Dalton, PhD  
Kristina Dam, BS  
LanVi N. Dang, BS  
Richard C. Dart, PhD  
Kaberi P. Das, PhD  
Barbara J. Davis, VMD, PhD  
Harold Davis, DVM, PhD  
John William Davis, BS  
Anne De Fraissinette, PhD  
Stephen C. DeVito, PhD  
Erica A. Dearstynne, BS  
David T. Denhardt, PhD  
Laura A. Denovan, MS  
Udaya-Sankar Devan, PhD  
Patrick J. Devine, BS  
Moussa Diawara, PhD  
Laurene Marie Dickow, DVM  
Francisco J. Dieguez-Acuna, BS  
Mary K. Dienhart, BA  
Hung Diep, MS  
Matthew Z. Dieter, BS  
John E. Dillberger, DVM, PhD  
Stephen Dimond  
Wumin Dong, MD, PhD  
Renqin Duan, MS  
Holly D. Dursema, MS  
Bonnie B. Eiser, BS  
Abir T. Elalfy, MS  
Makoto Ema, PhD  
Susan Emeigh Hart, PhD  
Essam Enan, PhD  
Tetsuya Endo, PhD  
Bevin P. Engelward, ScD  
Jeffrey I. Everitt, DVM  
Lynne Fahey McGrath, PhD  
Patricia Fail, PhD  
Clint J. Farr, BS  
Lixin Feng, MS  
Yi Feng, MD, PhD  
Nikolay M. Filipov, MS  
Gregory Fisher, PhD  
Robyn L. Fisher, PhD  
Sebastian G. Flood  
Poh-Gek Forkert, PhD  
Richard Fort, BA  
Teresa I. Fortoul, MD  
Stephanie E. Foster, MS  
Jonathan H. Fox, BS  
Jeffrey Foy, PhD  
Belinda S. Fuller, BS  
R. Brent Furbee, MD  
Sylvia M. Furst, PhD  
Bernard K.M. Gadagbui, PhD  
Evan Gallagher, PhD  
Arnold P. Gass, MD  
Robert Gealy, MS  
Yokabet Gedeon, MS  
Kevin Thomas Geiss, MS  
Thomas Gelzeichter, PhD  
Mary Giknis, PhD  
Mary E. Gilbert, PhD  
Megan L. Gillen, PhD  
Duncan James Gilroy, PhD  
Jaisri Giridhar, PhD  
Klaus Golka, MD  
Bala Bhaskar Gollapudi, PhD  
Jorge L. Gonzalez-Perez, MS  
Julie Elizabeth Goodman, BS  
Audrey R. Gotsch, DrPH  
Donna M. Grant, PhD  
George M. Gray, PhD  
Joseph M. Griffin, BS  
Susan Griffin, PhD  
Thomas B. Grizzle, MS  
Mary C. Gross, BA  
Louis S. Grosso, PhD  
Brian Lindsay Gulson, PhD  
Sjofn Gunnarsdottir, BS  
Chunmei Guo, PhD  
Bradford W. Gutting, MS  
Kathryn Z. Guyton, PhD  
Lynne Haber, PhD  
Fletcher Hahn, PhD  
Margaretann Halleck, PhD  
Sang Bae Han, MS  
Jeanine A. Hand, BS  
William H. Hanneman, PhD  
Diane Hardej, MS  
Anne Elizabeth Harman, PhD  
Eric B. Harstad, BA  
Shawn M. Heidel, DVM  
Kaisa Marketta Heiskanen, PhD  
Tala R. Henry, PhD  
Susan D. Hester, MS  
Sheri Ann Hild-Petito, PhD  
Jeffrey R. Hincks, PhD  
John W. Ho, PhD  
Anne Hochwalt, PhD  
Erica Hoffer, PhD  
Kelly Ann Hogan, MS  
Debie Jean Hoivik, PhD  
Esther F. Hope, DVM  
Thomas L. Horn, BS  
Michelle J. Horner, PhD  
Dale Hoyt, PhD  
Frances K.Y. Hsia, MS, MPH  
Ching-Yi Hsieh, PhD  
Ching-Hung Hsu, PhD  
Liyue Huang, MS  
Qihong Huang, BS  
Shewen Huang, PhD  
Wentian Huang, PhD  
Dona Jane Huggins, PhD  
Christopher H. Hurst, BS  
Richard W. Hutchinson, DVM, PhD  
Jean-Marc Idee, PhD  
Sandra L. Inman, MS  
Catherine F. Jacobson, PhD  
Tong-Rong Jan, MS  
Karen A. Jelks, MS  
Gary W. Jepson, PhD  
Jiazhong Jiang  
Yichen Jiang, MS  
Cordelia W. Johnson, BS  
Mark D. Johnson, PhD  
Lloyd S. Jolibois, Jr., BS  
Tania J. Jones, MS  
Kristen Jordan, BS  
Paivi Julkunen, MSc  
Debra A. Kaden, PhD  
Rhonda S. Kaetzel, BA  
Lori B. Kaiser, BS  
Kristine A. Kalbfleisch, MS  
Ronald C. Kaltreider, BS  
Lisa M. Kamendulis, PhD  
Stacey A. Kardos, BS  
Spiros Katsifis, PhD  
Robert C. Keefer, PhD  
Kevin P. Keenan, DVM, PhD  
William R. Kelce, PhD  
Deborah L.V. Keller, BS, MBA  
Elaina M. Kenyon, PhD  
Brent D. Kerger, PhD, DABT  
Abdelhamid Kerkadi, BS  
Oleg G. Khatsenko, PhD  
Dongsoo Kim, MS  
Hwan Mook Kim, PhD  
Hyo Jung Kim, PhD  
Kyung-Ah Kim, MS  
Young Chul Kim, PhD  
Denae' W. King, MS  
Mark A. Kirk, MD  
Donald S. Kirkpatrick  
Kirk T. Kitchin, PhD  
Gary Klinefelter, PhD  
Jeffrey L. Knochel, MS  
Maurice E. Knuckles, PhD  
Lois A. Kotkoskie, PhD  
James C. Kraner, PhD  
Emiko L. Kreklau, PhD  
Sharon K. Krueger, PhD  
Mohan B. Kumar, MS  
Puntipa Kwanyuen, MS  
Eric Shu-Cheungkwok Kwok, PhD  
Seok Kwon, PhD  
Zhiwei Lai, MD, MPH  
Judith S. Landin, BS  
Patrick W. Langvardt, MS  
Patrick B. Lappin, DVM, PhD  
Nellie K. Laughlin, PhD  
Hervé N. Lebrech, PhD  
Huei Lee, PhD  
Robert C. Lee, MS  
Matthew Leff, MS  
Marie E. Legare, DVM, PhD  
Wei Lei, PhD  
Shawna L. Lemke, BS  
Ranulfo Lemus, ScD  
Steven L. Levine, PhD  
Li Weiwei, PhD  
Wan-Fen Li, MS  
Xia Li, MS  
David E. Lilienfeld, MD, MPH  
Patrick D. Lilly, PhD



# The Society of Toxicology would like to welcome its 1998 New Members.

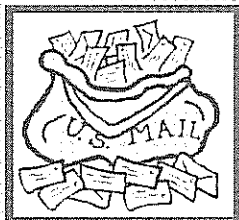
John C. Lipscomb, PhD  
Jin-Ying Liu, MS  
Christopher A. Loffredo, PhD  
Emilia C. Lonardo, MS  
Scott Long, PhD  
Tessa L. Long, MS  
William P. Long, MS  
Stephen L. Longacre, PhD  
Sylvain Loranger, PhD  
Mark R. Lovern, BS  
Kim Lu, MS  
Angela Lucas, BS  
George W. Lulham, PhD  
Zhaohui Luo, PhD  
Hoan-My Do Luu, MS  
Thomas Mably, PhD  
Real Riad Madani, PhD  
Arpad J. Madarasz, PhD  
Lisa Maddox, MS  
Vitor M.C. Madeira, PhD  
Laura M.H. Madrid, PhD  
Deirdre A. Mahle, BS  
William E. Maier, PhD  
Rosemary C. Mandella, PhD  
Therese Frances Mar, MS  
Howard S. Marks, PhD, JD, MPH  
Lori A. Martin, BS  
Parthena Martin, PhD  
Stephen A. Martin, PhD  
Janet Martinez, BS  
Diane Matsumoto, BS  
Jason B. Matthews, BS  
Robert J. McCaffrey, PhD  
Susan C. McKarns, MS  
James D. McKinney, PhD  
David C. McMillan, PhD  
Scott E. McPherson, BA  
Arlean M. Medeiros, MPH  
Susan R. Meier-Davis, PhD, DVM  
Victor J. Melendez-Colon, BS  
Donna L. Mendrick, PhD  
Todd Merriman, MBA  
Brian K. Meyer, BS  
Howard W. Mielke, PhD  
Kimberly P. Miller, BS  
Mary Jo Miller, PhD  
Michael R. Miller, PhD  
Anna C. Mitchell, BS  
Michele A. Mitchell, MS, MPH  
Thomas S. Moll, PhD  
Martha Moore, PhD  
Angelo Moretto, PhD  
LaRonda Morford, BA  
Ryan E. Morgan, BS  
Courtney Morgan-Callis, BS  
Jens Thing Mortensen, DVM  
Frederic J.M. Moulin, DVM  
Hartwig Muhle, MD  
Francis G. Murante, MS  
Gloria L. Murray, BS  
James R. Myer, BS  
Deanna J. Nabbeffeld, BS  
Prakash S. Nagarkatti, PhD  
Ken Nakatani, MS  
Albert J. Nantel, MS  
Bruce A. Narloch, PhD

Catherine L. Neary, BS  
Esther Yaffa Nelson, MS  
Joyce K. Nelson, DVM  
Nagendra Ningaraj, PhD  
Angela N. Nunley, MS  
John David Obourn, PhD  
Olumide O. Ogunmosin, BS  
Michael Jerome Oldham, MS  
Jesus T. Olivero-Verbel, MS  
Kenneth J. Olivier, BS  
Geary W. Olsen, DVM, PhD  
Yoichi Osawa, PhD  
Angela Oskarsson, PhD  
Teresa A. Padalino, BS  
Eric Lee Padgett, MS  
Gwyn A. Pakenham, BS  
Hyun Jung Park, BS  
Jung-Duck Park, PhD  
Shem J. Patyna, BS  
Louis C. Paul, J.D.  
Margie M. Peden-Adams, MS  
Andree Ruth Pellegrin, MS  
Say-Ry Pheng, BS  
Usha A. Pillai, PhD  
Kent Pinkerton, PhD  
Stephen A. Ploch, PhD  
Richard S. Pollenz, PhD  
Christopher Joseph Powell, PhD  
Thomas Primiano, PhD  
Deborah M. Proctor, BS  
Joan M. Przybocki, PhD  
Elaine Puglielli, BS  
Neil R. Pumford, PhD  
Shafat Quadri, PhD  
Yin Lynn Quah, BS  
Linda C. Quattrochi, PhD  
Abhijit Raha, PhD  
Sampath Ramachandiran, PhD  
Kavita Ramamoorthy, BS  
Aramandia Ramesh, PhD  
Suresh Vir Singh Rana, PhD  
Max V. Rasmussen, MS  
Judy L. Raucy, PhD  
Andrea D. Raymond, BS  
Matthew D. Reed, PhD  
Annabelle W. Reese, PhD  
Jean F. Regal, PhD  
John H. Richburg, PhD  
Ruth A. Roberts, PhD  
Janeen D. Robertson, PhD, MPH  
John D. Robertson, BA  
Rosita J. Rodriguez, PhD  
Douglas E. Rollins, PhD  
Michelle L. Rose, BS  
John H. Ross, PhD  
Ivan Roussyn, MD  
J. Craig Rowlands, PhD  
Shukla Roy, BS  
Randall Joe Ruch, PhD  
Pamela J. Rugen, BS  
Mary F. Ruh, PhD  
Lisa K. Ryan, PhD  
Clifford W. Sachs, PhD  
Nakissa Sadrieh, PhD  
Konstantin Sainikow, PhD  
Ravi Sanga, BS

Jennifer C. Sasaki, PhD  
Anne Sassaman, PhD  
Ansam F. Sawalha, BS  
Ebrahim Sayeh, PharmD  
Laura J. Schild, BS  
John J. Schlager, PhD  
Gerhard W. Schlueter, MD  
Rosalind A. Schoof, PhD  
JoAnn C.L. Schuh, DVM, PhD  
Thomas G. Schulz, PhD  
Vitor M. Seabra, PhD  
Sven Seitz, BS  
Dale E. Sharp, PhD  
Ying Shen, PhD  
David M. Shepherd, BS  
James H. Sherman, PhD  
Jefry E. Shields, BS  
Adam Daniel Shilling, BS  
Tomoyuki Shirai, PhD  
Brian G. Short, DVM, PhD  
Valerie D. Shultz, BS  
Gladis A. Shuttlesworth, PhD  
Robert L. Sielken, Jr., PhD  
Chakwan Siew, PhD  
Vanessa M. Silva, BS  
Barbara B. Simon, PhD  
Jacqueline F. Sinclair, PhD  
Frank D. Sistare, PhD  
Richard W. Slaughter, PhD  
Jeffrey S. Smith, MS  
Philip A. Smith, MPH  
Laura E. Solem, PhD  
Magdi R.I. Soliman, PhD  
Willy A. Solis, BS  
Andrea M. Spehar, DVM, MS  
Hernan C. Speisky, PhD  
Pamela J. Spencer, MS  
Douglas R. Spitz, PhD  
Vinayak Srinivasan, PhD  
Eric D. Stanulis, PhD  
J. Erin Staples, BA  
Brenda Steinberg, MPH  
Sandra Steiner, PhD  
Gregory J. Stevens, PhD  
Kenneth R. Still, PhD  
Allison L. Stock, MS, MPH  
Dana A. Stoffregen, DVM, PhD  
Christina Strandgaard, PhD  
Daniela Lea Stricklin, BS  
Philip L. Strong, PhD  
Akiyoshi Suganuma, PhD  
Tadaki Sugawara, PhD  
Arline Sumner, BS  
Gulan Sun, MD, MPH  
James E. Swauger, PhD  
Lonie J. Swenson, MS  
Walter G. Switzer, MS  
Ali R. Tabatabaei, MS  
Victoria M. Tai, MS  
Andrew S. Tam, BS  
Weifeng Tang, MS  
Xiaoqing Tang, BS  
Lianhui Tao, MD, DSc  
Philippe Thevenaz, PhD  
Ronald D. Thomas, PhD  
D. Charles Thompson, PhD

Sally Ann Thompson, PhD  
Kulbhushan Tikoo, PhD  
John A. Timbrell, PhD, DSc  
Ying Tong, PhD  
Carla E. Torrey, BS  
Kelly Marie Towndrow, BS  
Jennifer A. Trauth, BS  
Louis David Trombetta, PhD  
Lawrence Trost, PhD  
Karen D. Turney, BS  
Angelo Turturro, PhD  
Ann Tveit, PhD  
Kirby H. Tyndall, PhD  
Patricia Underwood, PhD  
Lalita Uppala, MS  
Tanya A. Ushiro-Watanabe, BS  
Laura Van Winkle, PhD  
Bob Van de Water, PhD  
Paul M. Vancutsem, DVM, PhD  
Vasilis Vasiliou, PhD  
Rao Veeramachaneni, PhD  
Chris J. Viau, PhD  
Andrew M. Vick, BS  
Matti J. Viluksela, PhD  
Esther Hilda Vock, PhD  
Jay K. Vodela, BVSc, PhD  
Barbara L. Vogt, PhD  
Beth A. Vorderstrasse, BS  
Melinda Anne Vredevoogd, MS  
James G. Wagner, PhD, MPH,  
DABT  
Jarrad Ramsey Wagner, BS  
Earl F. Walborg, PhD  
Vernon E. Walker, PhD  
Charles Ying Wang, PhD  
Weili Wang, MS  
Zhiqiang Wang, PhD  
Keith W. Ward, PhD  
Sarah A. Wardlaw, PhD  
Kristy Anne Warner, BS  
Stephen E. Welty, MD  
Zhimou Wen, MS  
Kurt T. Werner, MS  
Nicole A. Whisnant-Hurst, BS  
Susan M. White, PhD  
Michael J. Whitekus, MS  
Thomas E. Wiese, PhD  
Susanne N. Williams, BS  
Jeanne C. Willson, PhD, DABT  
Annette S. Wilson, MS  
Donna Wilson, MS  
Elizabeth L. Wilson, MS  
Susan Wilson, PhD  
Vickie S. Wilson, BS  
Tomoya Yamada, PhD  
Sung Su Yea, MS  
Simon Yee, PhD  
Hequn Yin, PhD  
Lisa J. Yost, MPH  
Zhanpeng Yuan, MS  
Haizhou Zhang, MS  
Hua Zheng, MD, PhD  
Shaoyu Zhou, MS  
Craig M. Zwickl, MS

# Letter to the Editor



We applaud SOT's strategic decision to proactively educate legislators and the general public on the responsible use of animals in research. The approach—joining forces with organizations already working toward the same goal—is a sound one. If the scientific community is to successfully communicate the important role animal research plays in benefiting both human and animal health, we must combine our resources in order to be heard above the

noisy river of misinformation flooding our schools, Congress, and the media as a result of the massive campaigns funded by animal rights groups.

In your last issue, the article "Animals in Research—A New Tact" asked individual SOT members to work with affiliated organizations to enlist their support for a pro-research agenda. We suggest that, at the same time, SOT members also educate their U.S. and international colleagues in academia and the corporate world on the value of earning accreditation through AAALAC International (the Association for Assessment and Accreditation for Laboratory Animal Care). Aside from the internal benefits of accreditation (such as a rigorous self-assessment, the value of an independent, third-party peer review, improved quality, and higher internal benchmarks for animal care and use), accreditation can also be used as a way to reassure the public that when animal research is necessary, it is done in a humane and responsible manner.

In a recent survey of the 600+ institutions currently accredited by AAALAC International, more than 46 percent said the most valuable aspect of accreditation is that it "Provides the public with a positive image and validates that our program meets or exceeds high standards for animal care and use." In this way, accreditation can be an important tool for changing public perception of animal research.

Helping the public understand the degree to which animal research is externally regulated and internally self-monitored—along with explaining the health and medical benefits that result from animal research—is an approach that can be quite effective. Most of the public is completely unaware of the many levels of regulation and oversight by the USDA, the NIH's Office for Protection from Research Risks (OPRR), and Institutional Animal Care and Use Committees (IACUCs), and the fact that a large number of research institutions voluntarily choose to go beyond these requirements to earn accreditation through AAALAC International. By including

*Continued to page 16*

## Paracelsus Correction

In the Spring issue of the *Communiqué*, an article listed Theophrastus Philipus Aureolus Bombastus von Hohenheim (Paracelsus) as German. Paracelsus actually lived and worked in Salzburg, Austria and was thus an Austrian, not German, physician. His grave is located at St. Peter's cemetery in Salzburg, Austria, where you can also find his statue (right). Many thanks to Dr. Herbert V. Levinsky for providing us with this information and photo.



*Paracelsus statue,  
Salzburg, Austria.*

## Burroughs Wellcome Fund 1999 Award Series

The Burroughs Wellcome Fund (BWF) is offering five-year Scholar Awards in Molecular Parasitology of \$425,000 (\$85,000 per year) and three-year New Investigator Awards in Molecular Parasitology of \$210,000 (\$70,000 per year). It is anticipated that two scholar awards and four new investigator awards will be made.

The BWF is also offering five-year Scholar Awards in Molecular Pathogenic Mycology of \$400,000 (\$80,000 per year) and three-year New Investigator Awards in Molecular Pathogenic Mycology of \$195,000 (\$65,000 per year). It is anticipated that three scholar awards and three new investigator awards will be made.

The deadline for each award is **January 15, 1999**. Information can be obtained electronically by sending an E-mail to [mailback@bwfund.org](mailto:mailback@bwfund.org) (type the word "menu" on the subject line for a list of programs). To request a specific brochure to be delivered by regular mail, or to send a message to a program officer, access BWF at [info@bwfund.org](mailto:info@bwfund.org). Information is also available on the Internet at <http://www.bwfund.org>.

## SOT Congressional Fellow Application Deadline:

**May 3, 1999**

Information also available on the Internet at

<http://www.toxicology.org>

or by calling Deborah Hyman at SOT Headquarters at

**(703) 438-3115, ext. 327.**

---

# STUDENT INTERNSHIPS BENEFIT STUDENTS AND INSTITUTIONS

SOT Student Internships provide an outstanding learning experience in toxicology that benefits the sponsor as well as the intern. "We found the intern opportunity to be a rewarding experience for all involved," said **Jim Mayne**, of Pfizer Central Research. "Our two students were quite outstanding and made significant contributions in their brief time with us." Both **Jennifer Jones** and **Tenea Watson** spoke highly of the experience and said they would enthusiastically recommend this program to other students. "We intend to participate again next year," they said.

**Kathleen Portman** of Okemos, Michigan, was among the 36 1998 Student Interns. She worked with **David Seyler** of Lilly Research Laboratories, Investigative Toxicology, and said, "I would also like to extend a special note of thanks for the wonderful opportunity afforded to me by the Society of Toxicology this past summer. It was truly a wonderful and enriching experience."

SOT wishes to gratefully acknowledge the sponsors of 1998 interns, including **Lilly Research Laboratories of Eli Lilly and Company, G.D. Searle and Company, Johns Hopkins University, Michigan State University, Mount Sinai Medical Center, Pfizer Central Research, and SmithKline Beecham Pharmaceuticals.**

SOT members interested in supporting interns in 1999 should return the completed Student Research Internship Sponsor Form inserted in this *Communiqué* to SOT Headquarters by **January 8, 1999.**

SOT distributes program announcements through science departments and undergraduate advisors at institutions of higher learning across the United States and Canada. Students who respond are sent a Sponsor Packet, and then apply directly to the sponsor. The hosting organization makes the selection.

*Invest in the future of toxicology by participating in this very important and rewarding program.*

---

## Oxford University Press Selected to Publish *ToxSci*

*Continued from page 1*

SOT is confident that OUP can offer efficient production of the journal, excellent customer service and subscription fulfillment, and effective marketing that will enhance the image of *ToxSci* and increase its visibility to a wider audience. OUP is committed to working towards a two-month acceptance to publication time, promising authors one of the fastest toxicology publication times. In addition, OUP will provide a Web site for on-line access to the full, journal text with searchability, hyperlinks, ordering, and other services and features.

**Curtis Klaassen**, *ToxSci* Editor, recently mailed members a letter detailing the continued changes in content proposed for *ToxSci*. He asked for volunteers to be Forum Section editors and asked members to send their toxicology manuscripts to *ToxSci*. Effective immediately, the address for manuscript submission is:

**Toxicological Sciences  
c/o Curtis D. Klaassen, Ph.D., Editor  
University of Kansas Medical Center  
Dept. of Pharm, Tox., & Ther.  
3901 Rainbow Blvd.  
Kansas City, KS 66160-7417**

The Council and the Board of Publications are excited at the prospects for *ToxSci* to become the most important journal for toxicologists. Please contact Curtis Klaassen today to volunteer.

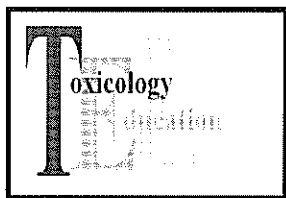
---

## RATF Extended for Second Term

The Task Force to Improve the Scientific Basis of Risk Assessment was formed in 1996 for an initial three-year period, following a recommendation by **Jack Dean** who was President of SOT at that time. Under the leadership of co-chairs **Carole Kimmel** and **Barbara Beck**, the Task Force has made considerable progress since its inception. In light of this and the importance of the effort in relationship to our Long-Range Plan, Council has decided to have the Task Force continue for an additional three-year period.

The new Task Force will consist of nine members—four current members plus five new members. Two of the current members will rotate off after one year (April 30, 2000) and two new members will be added; the remaining two current members will rotate off at the end of the second year (April 30, 2001) and two new members will be added.

If you would like to be considered for a three-year membership (beginning May 1, 1999) on the Task Force, please send a letter to this effect that: 1) indicates your area(s) of expertise; and 2) expresses your thoughts as to specific actions this Task Force might take in order to facilitate the improvement of the scientific basis of risk assessment. These letters should be sent to: **Risk Assessment Task Force - Membership, c/o Society of Toxicology, 1767 Business Center Drive, Suite 302, Reston, VA 20190-5332.** Please respond within one month of the receipt of this newsletter.



# Toxicology Education

## Companies

Abbott Laboratories  
Academic Press  
Ani Lytics  
Anonymous  
Cambridge Environmental Inc.  
Class of 1932 (Columbia City High School, Columbia City Indiana)  
Colgate Palmolive  
Cosar Inc.  
Dow Chemical, USA  
Eastman Kodak Company  
Exxon Corporation  
Foundation for Immunotoxicology  
Glazo Incorporated  
Hoffmann La-Roche  
Hook Royalties  
In Vitro Technologies, Inc.  
Mechanisms SS  
Merck & Co.  
Merrell Dow Pharmaceuticals  
Mobil Oil Corporation  
NIPERA Inc.  
Proctor & Gamble Company  
Raven Press  
RJ Reynolds Tobacco, USA  
Rhône-Poulenc Rorer Pharm., Inc.  
Searle & Company  
Shering Lambert Company  
Smith Kline & Laboratories  
Sterling Drug  
Sterling Research Group  
Sterling Winthrop, Inc.  
Target Organ Toxicity Account  
Taylor & Francis Inc.  
TEF General Fund  
Terra International  
Upjohn Company  
Warner Lambert Company  
William J. Waddell, Inc.

## Individuals

Charles Abernathy  
Daniel Acosta  
Narsingh Angnish  
Farid Ahmed  
Joseph Akulonis, Jr.  
Charles Aldous  
Bruce Ames  
Marie Amoruso  
W. Kent Anger  
M. Sawkat Anwer  
Dennis Arnold  
Bernard Astill  
Yousef Atallah  
Steven Aust  
John Autian  
David Bailey

Hamdy Balba  
Nazzareno Ballatori  
Patricia Beattie  
Barbara Beck  
Lloyd Beck  
R. Flays Bell  
John Bend  
George Berg  
William Berndt  
Isadore Bernstein  
Maryka Bhattacharyya  
Sanford Bigelow  
Michael Bird  
David Birnbaum  
Linda Birnbaum  
Hugh Black  
Athol Blair  
Matthew Bogdanffy  
Gary Boorman  
Joseph Borzelleca  
Gale Boxill  
Nachman Brautbar  
Jules Brodeur  
Gregory Brorby  
Ronald Browne  
James Bruckner  
John Buben  
Donald Buhler  
Richard Bull  
Ismay Burchill  
John Burchill  
Steven Bursian  
James Bus  
Joseph Calandra  
Andrew Canada  
George Casale  
Salvatore Celeste  
Janice Chambers  
Jack Chakoian  
Nancy Chakoian  
Linda Chakoian  
Gary Chellman  
Cheng-Chun Lee  
Gaston Chevalier  
Herbert Christensen  
John Christopher  
C. Michael Cisson  
Charles Clark  
David Clarke  
Werner Classen  
Steven Cohen  
Timothy Coogan  
Dorn Cook  
George Corcoran  
Marila Cordeiro-Stone  
Deborah Cory-Slechta  
Val Cotty  
Barbara Courtney  
Lydia Cox  
Steven Cragg  
Arthur Craigmill  
Joan Cranmer  
Edmond Creppy  
Cipriano Cueto  
Lawrence Curcio  
Julia Dady  
Mary Davis

Richard Davis  
Debra DeBord  
Elizabeth dePeyster  
Salvatore DeSalva  
Jack Dean  
Fred Deckert  
John Dent  
Durisala Desaiiah  
Darol Dodd  
Lori Dostal  
John Doull  
Michael Dourson  
David Drees  
Hans Drobeck  
Robert Drotman  
Steven Duddy  
Robert Dudley  
Johnnie Early  
David Eastmond  
David Eaton  
Christine Eccles  
Karl Ebner  
Donald Ecobichon  
Gordan Edwards  
Marion Ehrich  
Roger Ehrich  
Monaem El-hawari  
John Emmerson  
Edward Erker  
Celia Evans  
Emmanuel Farber  
Craig Farr  
Susan Feinman  
Penelope Fenner-Crisp  
Robyn Fisher  
George Fonger  
Henry Forman  
Donald Fox  
John Frazier  
Jo Ann Freedman  
Seymour Friess  
Mark Fukayama  
Shoji Fukushima  
Kazuhisa Furuhamu  
Thomas Gaines  
Michael Gallo  
Jennifer Galvin  
Jay Gandolfi  
Jay Gandy  
Robert Gardier  
Michael Gargas  
John Garst  
Perry Gehring  
Perry Geiger  
Clara Genther  
Raymond Geus  
Gerald Gianutsos  
William Gibson  
Steven Gilbert  
James Gillette  
Jerome Glassman  
Vera Glocklin  
Remi Glomot  
Peter Goering  
Leslie Goldsmith  
Bernard Goldstein  
Robin Goldstein

Jay Goodman  
Elliot Gordon  
Michael Graziano  
James Green  
Mark Green  
William Greenlee  
John Griffith  
Lee Grotz  
Derek Guest  
Dushyant Gulati  
Ernest Hagan  
Mark Hahn  
Carl Hake  
Richard Hall  
Mohammad Hamed  
George Hanasono  
Alfred Handler  
Joseph Hanig  
Deborah Hansen  
Eskil Hansson  
Robert Hanzlik  
Yoshio Harada  
Kenneth Harper  
Lewis Harris  
Stephen Harris  
Patrick Hayden  
A. Wallace Hayes  
Eileen Hayes  
William Hayes  
Jenifer Heath  
Rogene Henderson  
Gerry Henningsen  
Judith Henck  
Ellen Henry  
Eugene Herman  
Robert Hill  
Elizabeth Hixson  
Christian Hodel  
Ernest Hodgson  
Andrij Holian  
Patricia Holmes  
Jerry Hook  
Zdenka Horakova  
Robert Howd  
Andrea Hubbard  
Donald Hughes  
Michael Hughes  
Janis Hulls  
Seiichi Imoto  
Nobuyuki Ito  
Colin Jefcoate  
George Jakab  
Susan Jaken  
Ijaz Jamall  
Margaret James  
Robert James  
Ronald James  
Paul Jean  
E. Marshall Johnson  
James Kalunig  
Edward Kaminski  
Mary Kanz  
Robert Kapp, Jr.  
Meryl Karol  
Christina Kary  
Kazimierz Kasprzak  
Shinobu Kato

# Foundation Contributors

Terrance Kavanagh  
 James Kehrer  
 Gerald Kennedy Jr.  
 Charles Kensler  
 Thomas Kensler  
 Nancy Kerkvliet  
 Carole Kimmel  
 Florence Kinoshita  
 Debra Kirchner  
 Curtis Klaassen  
 James Klaunig  
 Arlene Klein  
 Hans Klimisch  
 Susan Knadle  
 James Kocsis  
 Michael Koefler  
 Shoji Kojima  
 Charles Kokoski  
 Walter Krasavage  
 Robert Krieger  
 Robert Kroes  
 Rosanna Kroll  
 Joel Kronenberg  
 Brian Lake  
 Shawn Lamb  
 Robert Landgdon  
 Timothy Landry  
 Charles Lapin  
 Robert Larson  
 Debra Laskin  
 Victor Laties  
 Serrine Lau  
 W. Homer Lawrence  
 Joseph Lebeau  
 Insu Lee  
 Lois Lehman-McKeeman  
 Martha Leibbrandt  
 Steven Lerman  
 Edward Levin  
 Daniel Liebler  
 Charles Lindamood  
 Robert Lindenschmitt  
 Gordon Loewengart  
 James Long  
 John Loper  
 Ted Loomis  
 Kenneth Loveday  
 Frances Lucas  
 Gregg Lundeen  
 William Luttrell  
 J. Douglas MacEwen  
 John MacDonald  
 Judith MacGregor  
 Susan MacKenzie  
 Harry Madisoo  
 Steele Mattingly  
 Melanie Manis  
 Craig Marcus  
 Timothy Marrs  
 Thomas Marshall  
 Fred Martz  
 Taijiro Matsushima  
 David Mattie  
 Stanley McCabe  
 Nancy McCarary  
 R. Michael McClain  
 Roger McClellan

Donald McCollister  
 John McCoy  
 Robert McCutcheon  
 Bernalyn McGaughey  
 Claude McGowan  
 Charlene McQueen  
 Susan Meadows  
 Harihara Mehendale  
 John Mennear  
 Jon-Pierre Michaud  
 James Miller  
 Tom Miya  
 Bruce Molholt  
 Thelma Montgomery  
 Albert Moore  
 John Moore  
 Paul Morrow  
 Mary Moslen  
 Ronald Mull  
 Linda Mullin  
 Roy Mundy  
 William Mundy  
 Albert Munson  
 James Murphy  
 Paul Mushak  
 Ryoichi Nagata  
 James Nagle  
 John Nair, III  
 Hiroshi Nakayoshi  
 Arvind Nandedkar  
 Daniel Nebert  
 Sidney Nelson  
 Karl Netter  
 Paul Newberne  
 Herbert Nigg  
 Andrey Nikiforov  
 Helen North-Root  
 Deborah Novicki  
 John O'Donoghue  
 Hisayoshi Ohta  
 Kin-Ichi Onoda  
 Raymond Orzechowski  
 Barry Osborne  
 Thomas Osimitz  
 Robert Osterberg  
 Alice Ottoboni  
 Deborah Jeanne Oudiz  
 Marc Pallardy  
 Richard Parent  
 Aurelio Pasi  
 Timothy Pastoor  
 James Pestka  
 Emil Pfitzer  
 Richard Phillips  
 Vincent Piccirillo  
 Emmett Pierce  
 Charles Plopper  
 Lance Pohl  
 Donald Polin  
 James Popp  
 Michael Porter  
 Michael Prevo  
 Mary Ellen Prevo  
 Catherine Price  
 Ara Pridjian  
 Charles Proctor  
 Alvaro Puga

Jack Radomski  
 Gary Rankin  
 Sidhartha Ray  
 Mark Reasor  
 Donald Reed  
 Christopher Rhodes  
 Douglas Rickert  
 Joseph Rieger  
 Guritno Roesijadi  
 Paul Roney  
 Carmela Russo  
 Santo Russo  
 Robert Roth  
 Karl Rozman  
 Robert Rubin  
 Steven Safe  
 Edward Sargent  
 B.V. Rama Sastry  
 Tetsuo Satoh  
 Donald Saunders  
 Jack Saunders  
 James Saunders  
 Tadashi Sawahata  
 Yasuyoshi Sayato  
 Robert Scala  
 Francis Schanne  
 Rosalind Schoof  
 Jay Schreider  
 Carl Schulz  
 Kenneth Schrankel  
 Carl Schulz  
 Lester Schwartz  
 David Serota  
 Barbara Shane  
 Martin Sherman  
 Yasuhiko Shirasu  
 Frances Shirota  
 Chon Shoaf  
 George Shopp  
 Pamela Shubat  
 Jane Simmons  
 Lance Simpson  
 Glenn Sipes  
 Julie Skare  
 Randolph Sleet  
 Carl Smith  
 Mary Smith  
 Peter Smith  
 William Snellings  
 Fred Snyder  
 Robert Snyder  
 Bernard Sobelsohn  
 Peter Spencer  
 Frederick Sperling  
 Neill Stacey  
 Judith Stadler  
 Edmund Staley  
 Guy Stehly  
 James Stevens  
 Raymond Stoll  
 Logan Stone  
 Gary Stoner  
 Barbara Struthers  
 Bruce Stuart  
 Allan Susten  
 Thomas Sutter  
 Andrew Swan

Elzbieta Swietlicki  
 Jahn Tafejian  
 Shiro Takagi  
 Charmille Tamulinas  
 Julius Taylor  
 Christopher Teaf  
 Carmella Tellone  
 Robert Thies  
 Hugh Tilson  
 Ian Tinsley  
 John Todhunter  
 Thomas Tozer  
 Louis Trombetta  
 Michael Trush  
 Pi-Yun Tsai  
 Shuji Tsuda  
 Duncan Turnbull  
 Ann Tveit  
 Lorraine Twerdok  
 Rochelle Tyl  
 Charles Tyson  
 Hartmut Uehleke  
 Mary Jo Vodcnik  
 Kenneth Voss  
 Michael Waalkes  
 Alan Wagner  
 Lawrence Wallcave  
 Richard Waritz  
 Philip Watanabe  
 Lawrence Weaver  
 John Weikel  
 Carrol Weil  
 Elizabeth Weisburger  
 John Weisburger  
 Bernard Weiss  
 Richard Welch  
 John Welles  
 Peter Wells  
 Frank Welsch  
 Richard Welsh  
 Kathleen Weston  
 Ralph Wheeler  
 Norman White  
 Joseph Wiles  
 Christopher Wilkinson  
 David Williams  
 J. Henry Wills  
 John Willson  
 Michael Winrow  
 Charlotte Witmer  
 Hanspeter Witschi  
 Mark Witten  
 Gerald Wogan  
 Ronald Wolff  
 Zachary Wong  
 James Woods  
 Gary Wright  
 James Yager  
 Joan Yanchyshyn  
 Raymond Yang  
 Helen Yen-Koo  
 Judith Zelikoff  
 Tsedash Zewdie

# PLACEMENT SERVICES

## Positions Available:

### Inhalation Toxicologist

The NYU School of Medicine's Department of Environmental Medicine is seeking an outstanding inhalation toxicologist at its Sterling Forest research facility. The faculty appointment will be at the rank of Assistant Professor. The individual will have the opportunity to work on several projects examining the pulmonary response to inhaled ambient particles and to develop an independent research program. Experience in scientific project management is highly desirable. US citizenship/permanent residency required. Send CV and three references to: Dr. Terry Gordon, Department of Environmental Medicine, NYU School of Medicine, 57 Old Forge Road, Tuxedo, NY 10987. E.O.E.

### Environmental Toxicologist

The College of Veterinary Medicine, Mississippi State University, is seeking nominations and applications for an assistant/associate professor. This is a 12-month, tenure track, faculty position in environmental toxicology with a commitment of 80% to research. Primary duty involves the conduct of mechanistically-based research on toxicology in vertebrates of environmentally relevant chemicals. The successful candidate should have an established record or demonstrated potential in original research in environmental toxicology and will be expected to continue or develop an active extramurally-funded research program. The successful candidate will be expected to participate in an interdisciplinary teaching program for upper-level undergraduate students. The candidate will be expected to effectively participate in training graduate students. The candidate will be expected to effectively participate in the College's Center for Environmental Health Sciences and provide additional intellectual input to the Center's activities through biochemical toxicology, neurotoxicology, or immunotoxicology, etc. as it relates to environmental toxicology. Minimum qualifications: advanced training (PhD) in toxicology or related discipline. Preferred qualifications: postdoctoral experience and previous experience working on the toxicological effects of agrochemicals on mammals and fish; DVM and board certification from the American Board of Veterinary Toxicology or the American Board of Toxicology. Salary and rank: commensurate with qualifications and experience. Please send letters of nominations or

applications including curriculum vitae, transcripts, the names and addresses of three professional references, and a statement of career goals to: Dr. A. Jerald Ainsworth, Director, Veterinary Medical Research, College of Veterinary Medicine, Box 9825, Mississippi State, MS 39762-9825. Applications will be accepted until September 20, 1998 or until a suitable candidate is found. MSU is an AA/EEOE.

## Position Wanted:

### Toxicologist/Cytogeneticist

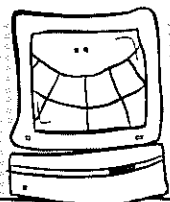
Ph.D. (Comparative Biomedical Sciences, May 1999). Have 20-plus years experience in genetic toxicology. Served as Principal Investigator on several NTP and commercial contracts. Developed rodent lymphocyte culture systems for cytogenetic analysis. Current research interests include biochemical and molecular mechanisms of DNA damage in mammalian cells. Looking for a position in industry or contract laboratory. Prefer the RTP, NC area. Contact: Gregory Erexson, NIEHS, Laboratory of Environ. Carcinogenesis and Mutagenesis, PO Box 12233, Maildrop F1-08, RTP, NC 27709, Tel: (919) 541-0116, Fax: (919) 541-1460, E-mail: erexson@niehs.nih.gov.

## COUNCIL HIGHLIGHTS

The following are the highlights of the July Council Meeting:

- 1 Council voted to contribute \$300 to the ad hoc Group for Medical Research, contingent on RALA approval.
- 2 Council voted to provide public relations support for the Arkansas Symposium.
- 3 Council approved the Education Committee request to transfer the responsibility of the Colgate Palmolive Visiting Professorship Award to the Awards Committee.
- 4 Roger McClellan was approved as a Media Resource Specialist.
- 5 Council approved the World Wide Web Task Force recommendation that regular members serve two-year terms and student members serve one-year terms, are that the Webmaster be an ad hoc member. Robert House was added as a member.
- 6 Council voted to conduct a member satisfaction survey.
- 7 Council approved a section name change from Veterinary Specialty Section to Veterinary and Comparative Toxicology Specialty Section.

### Using the SOT On-Line Placement Service Yet?



Access to the Placement Service site can be achieved through the SOT Web site at [www.toxicology.org](http://www.toxicology.org). Simply go to the Home page and locate the Placement Service description. Select the link and you will be directed to our on-line job bank.

# UPCOMING CONFERENCES

- **Principles of Pharmacokinetics and Toxicokinetics for the Industrial Scientist.** Four Day Intensive course in the form of lectures, workshops, Tutorials and Discussions. To be held at the Sheraton Woodbridge Place Hotel, Iselin, New Jersey, October 12-15, 1998. For more information please contact: Michael Mayersohn at (520) 626-1938; Fax (520) 626-4063 or Lynne Marcarella at (520) 626-3020 Fax: (520) 626-203.
- **1998 International Course on the Safety Assessment of Medicines,** October 18-23, 1998, Crowne Plaza in the heart of White Plains, NY. For more information, contact Ms. Nancy Rivera at the American Health Foundation, 1 Dana Road, Valhalla, NY 10595-1599; (914) 789-7144; Fax: (914) 592-6317; E-mail: Nrivera@ix.netcom.com.
- **International Symposium on Pesticide Registration and Harmonization,** October 21-22, 1998, Washington Court Hotel Capitol Hill. For more information, visit our Web site at [www.acpa.org](http://www.acpa.org), or E-mail Pippa Craig at [pippa@acpa.org](mailto:pippa@acpa.org).
- **5th International ESSX Meeting,** October 25-29, 1998, Cairns (Queensland), Australia. For more information contact: Ms. Jenny Blanchard, Convention Management Aid, P.O. Box 153, AUS-5252 NAIRN, South Australia; Fax +61-8-8388-6164, e-mail [jennyb@academy.net.au](mailto:jennyb@academy.net.au), Web site: <http://www.health.adelaide.edu.au/pharm/issx1998.htm>.
- **The Role of Diet and Caloric Intake in Aging, Obesity, and Cancer,** October 26-28, 1998, Hyatt Regency, Reston, VA. Contact: SOT Headquarters, 1767 Business Center Drive, Suite 302, Reston, VA 20190-5332; (703) 438-3115; Fax: (703) 438-3113; E-mail: [annette@toxicology.org](mailto:annette@toxicology.org); Web site: <http://www.toxicology.org/dietobesity.html>.
- **10th Advanced Course in Toxicology,** November 2-6, 1998, Newmarket, U.K. Contact: Ms. Toni Gilbert Fowler, Mulberry House, Magdalen Street, EYE, Suffolk IP23 7AJ, U.K.; Tel +44-1379-871359, Fax +44-1379-871359, E-mail: [john.toni@btinternet.com](mailto:john.toni@btinternet.com), Web site: <http://www.maze.co.uk.acbi>.
- **The American College of Toxicology 19th Annual Meeting,** November 8-11, 1998, Grosvenor Resort Orlando, FL. Contact American College of Toxicology 9650 Rockville Pike Bethesda, MD 20814; (301) 571-1840; Fax: (301) 571-1852; E-mail: [ekagan@act.faseb.org](mailto:ekagan@act.faseb.org); or visit the Web site: <http://landaus.com/toxicology>.
- **Arkansas Toxicology Symposium, "Can Rodent Cancer Tests Predict for Human Cancers?"** November 12-13, 1998, Doubletree Hotel, Little Rock, AR. Abstract deadline: October 15, 1998. Contact Jack A. Hinson, Director, UAMS Division of Toxicology, 4301 West Markham, Slot 638, Little Rock, AR 72205; (501) 686-5766; Fax: (501) 686-0597; E-mail: [hinsonjacka@exchange.uams.edu](mailto:hinsonjacka@exchange.uams.edu).
- **The Natural Connection: Environmental Integrity and Human Health. Society of Environmental Toxicology and Chemistry (SETAC) 19th Annual Meeting,** November 15-19, 1998, Charlotte, NC. Contact: SETAC, 1010 North 12th Avenue, Pensacola, FL 32501-3370; (850) 469-1500; Fax: (850) 469-9778; E-mail: [setac@setac.org](mailto:setac@setac.org); Web site: <http://www.setac.org>.
- **The Fourth International conference on Neuroprotective Agents,** November 15-19, 1998. Abstracts deadline: September 30, 1998. Contact William Sikker, Jr. at (870) 543-7203; E-mail: [wslikker@nctr.fda.gov](mailto:wslikker@nctr.fda.gov); or contact Bruce Tremble at (207) 623-8411, ext. 5053.
- **First NSF International Conference on Food Safety: Management-Science, Technology, and Industry,** November 16-18, 1998, Hyatt Regency Albuquerque, Albuquerque, NM. Contact Wendy Raeder at (734) 769-8010, ext. 205; Fax: (734) 769-0109; E-mail: [raeder@nsf.org](mailto:raeder@nsf.org).
- **Course "Epidemiology" of the Netherlands Postgraduate Education in Toxicology,** November 16-27, 1998, Utrecht, The Netherlands. For more information contact: Postgraduate Education in Toxicology, Department of Toxicology, Wageningen Agricultural University, P.O. Box 8000, NL-6700-EA WAGENINGEN, The Netherlands; Tel: +31-317-482656; Fax +31-317-484931, E-mail [hans.temmink@algemeen.tox.wau.nl](mailto:hans.temmink@algemeen.tox.wau.nl).
- **Course "Medical and Forensic Toxicology" of the Netherlands Postgraduate Education in Toxicology,** December 7-15, 1998, Utrecht, The Netherlands. Contact: Postgraduate Education in Toxicology, Department of Toxicology, Wageningen Agricultural University, P.O. Box 8000, NL-6700-EA WAGENINGEN, The Netherlands; Tel + 31-317-482656; Fax +31-317-484931, E-mail [hans.temmink@algemeen.tox.wau.nl](mailto:hans.temmink@algemeen.tox.wau.nl).
- **1998 FDA Science Forum, Biotechnology: Advances, Application, and Regulatory Challenges,** December 8-9, 1998, Washington Convention Center, Washington, DC. For more information, call (703) 518-8429; E-mail: [meetings@aaps.org](mailto:meetings@aaps.org).
- **1998 International Conference on Transgenic Animal and Safety Evaluation,** December 9-11, 1998. For more information, contact Andrew White at (617) 389-6168 or the Baltimore office contact Nola Mahaney at (301) 233-0894; E-mail: [iscience@aol.com](mailto:iscience@aol.com).
- **Benzene, State of the Science Workshop,** December 16-17, 1998, University of Ottawa, Canada. Co-sponsored by the American Petroleum Institute, the Canadian Petroleum Products Institute, and the U.S. EPA. Contact: Julie Deschamps, University of Ottawa, (613)562-5800, ext.4413, E-mail:[julie@approv.app.uottawa.ca](mailto:julie@approv.app.uottawa.ca).
- **Course "Cell Toxicology" of the Netherlands Postgraduate Education in Toxicology,** January 4-15, 1999, Leiden, The Netherlands. For more information contact Postgraduate Education in Toxicology, Department of Toxicology, Wageningen Agricultural University, P.O. Box 8000, NL-6700-EA WAGENINGEN, The Netherlands; Tel +31-317-482656; Fax +31-317-484931, E-mail [hans.temmink@algemeen.tox.wau.nl](mailto:hans.temmink@algemeen.tox.wau.nl).
- **Course "Molecular Toxicology" of the Netherlands Postgraduate Education in Toxicology,** February 8-19, 1999, Amsterdam, The Netherlands. For more information contact: Postgraduate Education in Toxicology, Department of Toxicology, Wageningen Agricultural University, P.O. Box 8000, NL-6700-EA WAGENINGEN, The Netherlands; Tel +31-317-482656; Fax +31-317-484931, E-mail [hans.temmink@algemeen.tox.wau.nl](mailto:hans.temmink@algemeen.tox.wau.nl).
- **Building the Road to Success with GLP Fundamentals. A two-day workshop offered by the Mid-Atlantic Region Society of Quality Assurance (MARSQA),** February 10-11, 1999 in Lahaska, Pennsylvania. For registration information please contact Joanne Jackson at (732) 873-6309, Fax: (732) 873-6009. For further information contact Debra Patterson at (609) 716-2013, Fax (609) 275-5237.
- **Relationships between Acute and Chronic Effects of Air Pollution,** February 22-25, 1999 Hanover Medical School Germany. Abstracts deadline is October 23, 1998. For more information please contact Sharon Weiss at (202) 659-0074; Fax: (202) 659-8654 or E-mail: [swaiss@ilsi.org](mailto:swaiss@ilsi.org).
- **Society of Toxicology 38th Annual Meeting,** March 14-18, 1999, Ernest N. Morial Convention Center, New Orleans, LA. Contact: SOT Headquarters, 1767 Business Center Drive, Suite 302, Reston, VA 20190-5332; (703) 438-3115; Fax: (703) 438-3113; E-mail: [annette@toxicology.org](mailto:annette@toxicology.org); Web site: <http://www.toxicology.org>.
- **Safety Evaluation of Drugs for Central Nervous System Delivery,** March 19-20, 1999, New Orleans, LA. Meeting organizers: Carl P. LeBel, Ph.D., Product Development, Amgen, Inc., Thousand Oaks, CA; (805) 447-8281; Fax: (805) 498-1425; Tony L. Yaksh, Ph.D., Department of Anesthesiology, University of California, San Diego; (619) 543-5243; Fax: (619) 543-6070.
- **Analytical Chemistry for QA Professionals,** March 24-25, 1999 in Lahaska, Pennsylvania. Sponsored by the Mid-Atlantic Region Society of quality Assurance (MARSQA). Contact Rita Brillinger at (215) 641-7916, fax: (215) 619-1657 or Cindy Murphy at (215) 652-1978, Fax: (215) 652-1075.
- **First NSF International Conference on Indoor Air Health,** May 3-5, 1999 Marriott Tech Center Denver, Colorado. For more information please contact Wendy Raeder at NSF International, (734) 769-8010, ext.205; Fax: (734) 769-0109; E-mail: [raeder@nsf.org](mailto:raeder@nsf.org); <http://www.nsf.org>.
- **EUROTOX 2000,** September 17-20, 2000, Imperial College, South Kensington, London. Contact Prof. Alan Boobis; Fax: +44(0)181 383 2066; E-mail: [aboobis@rpms.ac.uk](mailto:aboobis@rpms.ac.uk).
- **9th International Congress of Toxicology, July 8-13, 2001, Brisbane Convention and Exhibition Centre, Queensland, Australia.** Hosted by Australian Society of Clinical and Experimental Pharmacologists and Toxicologists. Contact Intermedia Convention and Event Management, P.O. Box 1280, Milton, QLD 4064, Australia; +61-0-7-3369-0477; Fax: +61-0-7-3369-1512; E-mail: [ictix2001@im.com.au](mailto:ictix2001@im.com.au); Web site: <http://www.uq.edu.au/ICT9>.

## MEDIA OF INTEREST

- **Jump Start Your Career in Bioscience,** by Chandra B. Louise, Ph.D. Contact Peer Productions, P.O. Box 13724, Research Triangle Park, NC 27709.
- **Comprehensive Toxicology.** In print or CD ROM. Contact Elsevier Science, Customer Support Department, P.O. Box 945, New York, NY 10159-0945; (212) 633-3730; Fax: (212) 633-3680; E-mail: [usinfo-@elsevier.com](mailto:usinfo-@elsevier.com). Visit the Web site: <http://www.elsevier.nl/locate/comptox>.

## MEMBER NEWS

Ellen K. Sibergeld, Ph.D. recently received an appointment to the Advisory Committee to the Director, National Center for Environmental Health, Centers for Disease Control and Prevention (CDC). The Advisory Committee provides expert counsel to the Secretary of Health and Human Services (HHS); the Assistant Secretary, HHS; the Director, CDC; and the Director, National Center for Environmental Health concerning goals, strategies and priorities on environmental public health problems. Sibergeld is the Director of the Program in Human Health and the Environment at the University of Maryland School of Medicine.

### Letter to the Editor

*Continued from page 10*

this information as part of our message, we can help assure the public that animal research is conducted only when necessary, only when non-animal alternatives are not available or not validated, and that many systems exist to ensure that it is done in a humane manner.

Working together, we can begin to correct the picture animal rights groups paint of unfettered scientists conducting unnecessary research. As a founding Member Organization of AAALAC International, SOT has always been supportive of AAALAC's mission and its accreditation program. AAALAC is pleased to have an opportunity to work with SOT to help move this proposed agenda forward.

Sincerely,

*John G. Miller, D.V.M.*

### Animals in Research

*Continued from page 6*

pharmaceuticals. Rodents, dogs, rabbits, and monkeys were used as required by the Food and Drug Administration, as well as out of the realization that many toxic manifestations simply cannot be tested *in vitro*. I was constantly reminded that the husbandry of the creatures we were working with was paramount. Those people conducting the hands-on care, dosing, monitoring, and, yes, terminal sacrifice of the animals, found the study worked best when the animal was most comfortable with them. This rapport could usually be achieved best by those persons who truly liked animals, and the respect and care the animals received in their hands remains an enduring memory. From conversations with our colleagues in other parts of the world, this is a common phenomenon, well known within SOT and similar organizations.

### Your Input is Needed

## "Customer Satisfaction" Survey Planned



To better serve the Society, Council will conduct a survey of SOT members. Council wants to assess the views of members and respond to these. Research is being conducted on mechanisms that will permit responses to be submitted electronically.

The survey will be completed in 1999. The Membership Committee, Chaired by **Cheryl Walker**, will take the lead in developing the survey and reporting its results.

In order to initiate the process, members are being asked to consider topic areas and/or specific questions for the survey. Send your ideas to: **Survey Questionnaire, c/o Society of Toxicology, 1767 Business Center Drive, Suite 302, Reston, VA 20190-5332.**

This process will begin shortly; therefore, please provide your suggestions within one month of the receipt of this newsletter. Thank you in advance for your input. Your efforts will be appreciated greatly by the members of the Membership Committee as they start to move forward on this important project.

### *In Memoriam*

Brian R. Broxup  
Paul. B. Hammond  
Eskil A. Hansson  
George H. Hitchings  
Hugh E. Laird, II