

SOCIETY OF TOXICOLOGY

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*.

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NEWS IN THIS ISSUE

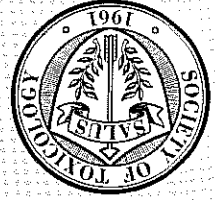
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Chapter News

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.



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Newsletter Editor:**
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**Deadlines for
Upcoming Issues:**
December 3, 1998 (Special Issue)
April 3, 1999 (Spring Issue)
June 3, 1999 (Summer Issue)
E-Mail: sothq@toxiconline.org
Visit the SOT Home Page at <http://www.toxicology.org>

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

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

To date, we have had no formal response from the EPA, but have received acknowledgment 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.

Of course, with close to 5,000 members, it was not surprising that not all responses were favorable. Unfortunately, the two EPA letters to voice their concerns and objections perceived the standard, e.g.:
" ... not appropriate...to commit the Society to either side of this argument."
" ... expresses concerns with the position taken by the Society on...chloroform."
" ... cast those urging caution as [being] opposed to sound science."

Membership Directory Update

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Visit: <http://www.toxicology.org/dietobesity.html>

- Key Topics**
- Caloric Restriction in Aging and Disease Prevention
 - Caloric Restriction in Toxicology/Cancer Biassays
 - 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
- Distinguished Key Speakers include:**
- Dr. Joann Manson, Harvard University School of Medicine
 - Dr. Roy Walford, University of California
 - Dr. Richard Weindruch, 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.

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

OCTOBER 26 - 28, 1998

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

Space is limited

Register Today!

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 names will be located in 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.

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 Communique*. A Preliminary Program with complete Continuing Education Course descriptions, as well as symposia, workshops, 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. Sponsors 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.

Instructions for Special Sessions at the SOT Annual Meeting

DEADLINE: January 22, 1999

New Orleans, Louisiana

The research findings must be both novel and highly significant, and should not have been published or presented at a national meeting.

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).

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.

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.

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.

All animal experimentation should be carried out in accordance with the Society's criteria for the care and use of animals in research.

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.

Submission of an abstract represents a commitment by the author (or sponsor) to present the paper if it is accepted by the Program Committee.

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.

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 Derezki, K-12 Subcommittee

Kudos to Anna Shvedova and the Allegheny 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 Castanova, 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 Derezki (mderezk@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

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 stu-

dents and their advisors at the

1999 Annual Meeting in New

Orleans.

The Education Subcommittee on

Minority Programs has planned

activities for about 60 partici-

pants, 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

To volunteer, contact:

Jose Mananton

E-mail:

mananton@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.

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

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

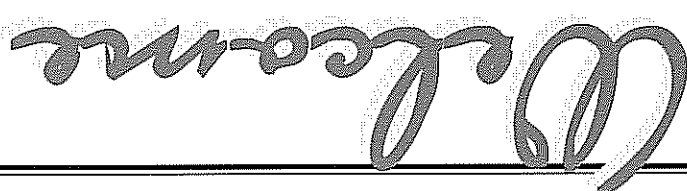
Membership Application materials are also available.

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 Karen A. Jelski, MS
 Gary W. Jepsen, PhD
 Jiazhong Jiang
 Yichen Jiang, MS
 Cordelia W. Johnson, BS
 Mark D. Johnson, PhD
 Lloyd S. Joffe, Jr., BS
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 Kristen Jordan, BS
 Krysten Johnson, MS
 Ravi Julkunen, MS
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 Klaus Golka, MD
 Bala Bhaskar Gollapudi, PhD
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 Rosonald R. Bell, PhD
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Information also available on

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Deadline:

Fellow Application
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The deadline for each award is January 15, 1999. Information can be obtained electronically by sending an E-mail to mallback@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. Information is also available on the Internet at <http://www.bwfund.org>.

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 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.

Burroughs Wellcome
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Paracelsus Correction

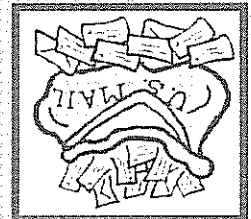
In the Spring issue of the *Communique*, an article listed Theophrastus Paracelsus as Bombastus von Hohenheim (Paracelsus) as German. Paracelsus actually lived and worked in Salzburg, Austria and was thus an Austrian, not German, physician. His grave is located at St. Peter's cemetery in Salzburg, Austria,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

Continued to page 16

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 and is 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

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

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



Letter to the Editor

STUDENT INTERNSHIPS BENEFIT STUDENTS AND INSTITUTIONS

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 *Communique* 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.

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 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.

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."

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.

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 Robert Landgdon
 Timothy Landry
 Charles Lapin
 Robert Larson
 Debra Laskin
 Victor Lates
 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 MacLewen
 Judith MacGregor
 Susan MacKenzie
 Harry Madisoo
 Steele Mattingly
 Melanie Manis
 Craig Marcus
 Timothy Martrs
 Thomas Marshall
 Fred Martz
 Taiiro Matsushima
 Roger McClellan

PLACEMENT SERVICES

Positions Available:

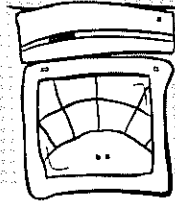
Inhalation Toxicologist

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 vertebrate or 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 College's Center for Environmental Health Sciences and provide additional intellectual input to the Center's activities through biochemical, 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

Using the SOT On-Line Placement Service Yelp?



Access to the Placement Service site can be achieved through the SOT Web site at 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.

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.

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.

Position Wanted:

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.

UPCOMING CONFERENCES

- **1998 International Conference on Transgenic Animal and Safety Evaluation**, December 9-11, 1998. For more information, contact Andrew White at (301) 233-0894; E-mail: pscience@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. 413. E-mail: julie@approv.ottawa.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.tennink@algemeen.fox.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.tennink@algemeen.fox.wau.nl.
- **Building the Road to Success with GLP Fundamentals**. A two-day workshop offered by the Mid-Atlantic Region Society of Quality Assurance (MARSOQA), February 10-11, 1999 in Labask, 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 Hannover 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: sweiss@sls.org.
- **Society of Toxicology 38th Annual Meeting**, March 14-18, 1999, Ernest N. Moral 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@toxcol.org; Web site: <http://www.toxcol.org>.
- **Safety Evaluation of Drugs for Central Nervous System Delivery**, March 19-20, 1999, New Orleans, LA. Meeting organizers: Carl F. Leibel, 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 Labaska, Pennsylvania. Sponsored by the Mid-Atlantic Region Society of Quality Assurance (MARSOQA). Contact: Rita Billinger 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; <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@trpms.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; +61-07-3369-0477; Fax: +61-07-3369-1512; E-mail: icetx2001@im.com.au; Web site: <http://www.uq.edu.au/IC19>.

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. Visit the Web site: <http://www.elsevier.nl/locate/complox>.

- **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, Isslin, New Jersey, October 12-15, 1998. For more information please contact: Michael Mayerosohn at (520) 626-1938; Fax (520) 626-1063 or Lynne Marcella 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 Mrs. Nancy Rivera at the American Health Foundation, 1 Dena Road, Valhalla, NY 10595-1599; (914) 789-7144; Fax: (914) 592-6317; E-mail: Nhrvera@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.wapa.org, or E-mail Pippa Craig at pippa@acpa.org.
- **5th International ESSX Meeting**, October 25-29, 1998, Cairns (Queensland), Australia. For more information contact Ms. Jenny Bianchar, Convention Management Aid, P.O. Box 153, AUS-8252 NAI RN, South Australia; Fax +61-8-8388-6164; e-mail: jennyb@academynetau.com.au; Web site: <http://www.health.aelaide.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@toxcol.org; <http://www.toxcol.org/dietobesity.html>.
- **10th Advanced Course in Toxicology**, November 2-6, 1998, Newmarket, U.K. Contact: Mrs. Toni Gilbert Fowler, Millberry House, Magdalen Street, EYE, Suffolk IP23 7AJ, U.K.; Tel +44-1379-871359, Fax +44-1379-871359; E-mail: john.ton@btinternet.com; Web site: <http://www.wmz.co.uk/ackb1>.
- **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@accfasc.org; or visit the Web site: <http://landans.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: hinsonjack@exch.hangearns.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; Web site: <http://www.setac.org>.
- **The Fourth International conference on Neuroprotective Agents**, November 15-19, 1998. Abstracts deadline: September 30, 1998. Contact: William Siliker, Jt. at (870) 543-7203; E-mail: wsliliker@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.
- **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.tennink@algemeen.fox.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.tennink@algemeen.fox.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@aaaps.org.

The simplistic message being broadcast by advocates of animal rights, however, depicts these scientists in a starkly different light. Media figures, as well as honest, concerned citizens brought into the animal rights arena, depict hands-on research using animals as the exercise of cruelty. This depiction is in such dramatic contrast with our experience that some form of common, easily understood education is needed to spread the truth. The AIR Committee will be working closely with the SOT Education Committee and the K-12 Subcommittee to proactively spread the message among adults and children that scientists respect animals, and that to expand upon the phrase from Americans for Medical Progress, research saves lives and enhances our environment.

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.

Animals in Research
Continued from page 6

John G. Miller, D.V.M.

Sincerely,
posed agenda forward.
opportunity to work with SOT to help move this accreditation program. AAALAC is pleased to have an always been supportive of AAALAC's mission and its Organization of AAALAC International, SOT has conducting unnecessary research. As a founding Member animal rights groups part of unfettered scientists working together, we can begin to correct the picture ner.
systems exist to ensure that it is done in a humane manner.
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.

Letter to the Editor
Continued from page 10

Ellen K. Sibirgeld, 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. Sibirgeld is the Director of the Program in Human Health and the Environment at the University of Maryland School of Medicine.

MEMBER NEWS

In Memoriam

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

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.



"Customer Satisfaction" Survey Planned

Your Input is Needed