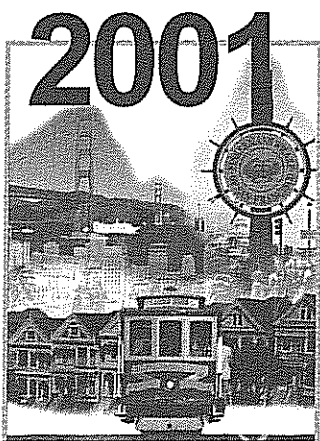


Communiqué

Summer 2000

**San Francisco**

Register On-Line

The 40th Annual Meeting is scheduled for March 25-29, 2001 in San Francisco, California. SOT expects this meeting to be greater than ever. A Preliminary Information Packet, including abstract, registration, and travel forms, was sent to members in August and is available on the SOT Web site.

Escape the hassles of mailing your registration! SOT members and non-members are again invited to register for the 2001 SOT Annual Meeting using SOT's electronic registration system. The system is designed for those individuals who will be paying for their registration by credit card and who have access

to the Internet. Changes have been made to make registering even more user friendly. Register early and save. Advanced registration ends January 29, 2001.

Access to the Registration site can be achieved through the 2001 Annual Meeting link on the SOT Home page (www.toxicology.org). Click on the Registration On-Line link, and you will be directed to the on-line system. Just follow the screen prompts and in minutes, your registration will be complete.

Register, Make Hotel Reservations, Submit Abstracts for
SOT's Annual Meeting On-Line www.toxicology.org

NEWS IN THIS ISSUE

| | |
|--|-----------|
| Hosts/Mentors Wanted for Minority Student Program | 3 |
| Annual Meeting Timeline | 4 |
| Poster Discussion Solicitation | 5 |
| Accepted by the Program Committee? | 6 |
| GE Speakers Available to Regional Chapters | 11 |
| SOT Fiscal Year 2000-2001 Budget Outlook | 16 |
| Ancillary Meetings | 20 |

Themes of Outreach

Submitted by Lawrence R. Curtis

Almost 1000 Full, Associate and Student SOT Members responded to the survey conducted in October 1999. Several survey questions assessed opinions on SOT involvement in outreach activities such as public communication, advocacy for basic principles of toxicology, and contributions to public policy development. Member responses indicated a high level of interest in outreach activities. The majority of respondents thought SOT should: put more effort into public communication (72%), advocate basic principles of toxicology to the public (86%), and be active in science policy (78%).

Beyond this, there were a significant number of suggestions for an expanded role for SOT in outreach. These suggestions clustered in at least three general areas. Survey respondents identified a need for more outreach of existing or new SOT committees to the public and policy makers. Members suggested addition of a Public Outreach Committee and a Policy Outreach Committee. Others recognized the recent, intensified efforts of the Education Committee in reaching K-12 students. Members also suggested a

Continued to page 18

PRESIDENT'S MESSAGE

A VISION FOR THE FUTURE

I officially assumed the presidency of SOT on May 1, 2000, taking the place of **Dr. Jay Goodman** who remains on Council as Past President. I want to personally thank Jay, the previous Council, and SOT headquarters staff for their contributions and service to the organization; they have made it much easier for me and this year's Council to lead the Society for 2000-2001.

Since the beginning of the new year, there has been a flurry of activities that will have a major impact on the direction of SOT. A significant event was the January Council Retreat on its re-examination of SOT's strategic goals and objectives. More detail on the results of this meeting will be described on our Web site and in the *Communiqué*. However, let me briefly describe the major elements of this strategic planning activity. A Vision Statement and Long-Range Priorities were initially developed under the presidency of **John Emmerson** and are found on page 3 of the Membership Directory. At the Retreat, the Council distilled the previously approved priorities into these strong and succinct statements about the mission of SOT:

- **Core Purpose:** To enhance human, animal, and environmental health through the science of toxicology.
- **Goals:**
 - Continually identify and address critical gaps in toxicology research and education with innovative and basic science.
 - SOT will be indispensably relevant to the scientific and professional development of its members.
 - The value of toxicology as a fundamental science will be widely understood, accepted, and utilized in addressing concerns about health and the environment.

SOT Council believes that these goals represent a vision for the future of the Society and its membership. A focus of my presidency is to promote the interests and needs of our members, to increase the diversity of the membership base, and to continue to educate the public and other important groups on the value of toxicology in addressing the health and environmental concerns of the Society.

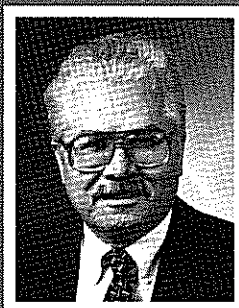
I am especially interested in making certain that our members continue to be served effectively in the areas of professional and scientific development, career opportunities, educational and informational assistance, and as an interface with other professional organizations, government agencies, the media, and the general public.

In order to better serve the membership, I am asking the appointed and elected SOT committees, specialty sections, and regional chapters to:

- make certain that our members have open access to all activities sponsored by SOT and its chapters and to creatively assist them in their development as toxicologists;
- encourage all members to take an active role at the local and national levels and to provide opportunities for members to take leadership roles in the many programs that are available in the chapters, specialty sections, and committees;
- have the chairs and heads of the SOT committees and task forces, regional chapters, specialty sections and work groups periodically report back to Council on enhancement of membership services by their groups.

In future messages, I will provide personal observations on how members can become more involved in SOT activities and functions. The success of our organization depends on the active participation of our members in the many committees, subcommittees, task forces, specialty sections, and regional chapters that make up SOT. I encourage all members to be active in SOT and to suggest to Council and me how we can promote membership involvement in SOT activities.

Daniel Acosta
Daniel Acosta, Jr., Ph.D.
2000-2001 President



Daniel Acosta, Jr., Ph.D.
2000-2001 President of the
Society of Toxicology

New Long-Range Plan Core Purpose

In January 2000, the SOT Council met to review and update the SOT Long-Range Plan. In July, Specialty Sections and Committee comments were incorporated. Now, Council would like to get your input on the newly developed plan. The Society of Toxicology's newly stated core purpose is "to enhance human, animal, and environmental health through the science of toxicology."

The complete LRP, including goals and strategic objectives can be found on the Web site at www.toxicology.org. The SOT Council asks that you read the plan and provide us with your feedback.

INSIDE

| | |
|----------------------|----|
| Placement Services | 13 |
| Upcoming Conferences | 15 |
| Media Of Interest | 15 |
| Council Highlights | 20 |

TEF Toxicology Education Foundation

Submitted by *Marion Ehrich*, TEF President

The Toxicology Education Foundation (TEF) was established by the Council of the Society of Toxicology (SOT) in 1989 to facilitate educational goals of SOT. In reviewing the history of TEF, we are reminded that TEF was founded with a specific purpose in mind, that is, to identify and to raise the funds for appropriate educational programs. As noted in the message of **SOT President McClain**, published in the *SOT Communiqué*, Fall 1997, TEF is to provide educational programs to enhance public understanding of toxicology, with a focus on programs in the K-12 and lay public health and science areas. TEF and SOT are partners in advancing knowledge and education in toxicology.

TEF's major program is "Toxicology in the Classroom™", through which TEF funds train-the-trainer **ToxRAP™** workshops. Through these workshops, outreach specialists at NIEHS Centers (in New Jersey, Oregon, Texas, and Wisconsin so far) are prepared for the teacher workshops that they then provide in their regions. In three years the process will train 900 teachers in the scientific method with a particular emphasis on toxicology and public health. Also supported are workshops for K-12 teachers (e.g., *Paracelsus Goes to School* at the SOT Annual Meeting), and materials for students (e.g., *BioRAP*, flyers on science issues for students that discuss product safety and risk assessment). TEF provides information for the public (e.g., "Follow Directions: A Lesson for Life," a product safety public service video developed by SOT) and awards for students. In addition to the two SOT Specialty Section Awards for student papers—**Carl Smith** (Mechanisms Specialty Section) and **Food Safety**—again this year a student will receive the **Robert L. Dixon International Travel Award** to attend **ICT IX**.

TEF has already been the recipient of support from 40 corporations, including \$50,000 from Gillette and a \$50,000 pledge from another corporation. In addition, SOT has provided \$100,000 over a 3-year period to match contributions. SOT members are an important source of TEF funds, contributing \$13,220 so far in

Continued on page 8

Wanted: Hosts/Mentors for 2001 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 a group of the minority undergraduate students and their advisors at the 2001 Annual Meeting in San Francisco.

The Education Subcommittee for Minority Initiatives 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 24, 2001, 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:

Dwayne Hill

E-mail: melhill@earthlink.net or

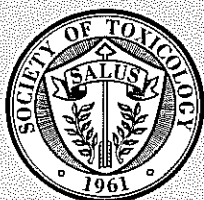
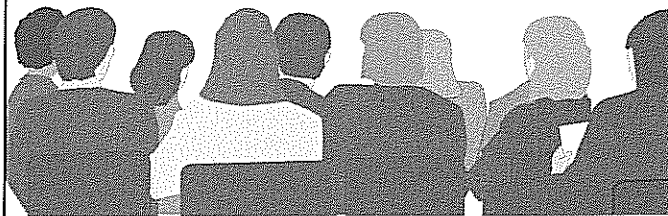
Betty Eidemiller

SOT Headquarters

E-mail: bettye@toxicology.org

Tel: 703 438-3115

The Minority Student Program has been supported by SOT and a NIH-MARC grant.



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
Visit the SOT Web site at <http://www.toxicology.org>

Newsletter Editor:

Kendall B. Wallace, Ph.D.

Deadlines for

Upcoming Issues:

October 3, 2000 (Winter Issue)

December 3, 2000 (Special Issue)

April 3, 2001 (Spring Issue)

Annual Meeting Timeline

All scientific sessions and exhibitions will be held at the Moscone Convention Center.
All specialty section functions, regional chapter meetings and ancillary events will be held at the San Francisco Marriott.

| | |
|---------------------|--|
| Saturday, March 24 | <ul style="list-style-type: none"> Graduate Student/Post-Doctoral Fellowship Interviews Registration Opens Undergraduate Education Program for Visiting Students |
| Sunday, March 25 | <ul style="list-style-type: none"> 25-Year Member Reception Awards Presentation Continuing Education Courses Graduate Student/Post-Doctoral Fellow Mixer Placement Service Undergraduate Educational Program for Visiting Students Welcoming Reception—40th Anniversary Celebration |
| Monday, March 26 | <ul style="list-style-type: none"> Grand Opening of Exhibit Hall Medical Resource Council (MRC) Lecture Placement Service Placement Service Seminar Plenary Session Regional Chapter Meetings Scientific Sessions Specialty Section Presidents' Meeting Specialty Section Meetings/Receptions Undergraduate Educational Program for Visiting Students Women in Toxicology Meeting |
| Tuesday, March 27 | <ul style="list-style-type: none"> Annual Business Meeting Burroughs Wellcome Toxicology Scholar Award Lecture EUROTOX Debate Exhibits Graduate Student/Post-Doctoral Fellow Luncheon Grantsmanship: New Initiatives for Federal and Philanthropic Funding Paracelsus Goes to the Classroom Teacher Workshop Placement Service Public Lecture Regional Chapters Presidents' Meeting Regional Chapter Meetings Scientific Sessions Specialty Section Meetings/Receptions |
| Wednesday, March 28 | <ul style="list-style-type: none"> Burroughs Wellcome Toxicology Scholar Award Lecture Council Meeting with Graduate Students/Post-Doctoral Fellows Exhibits In Vitro Toxicology Lecture for Students Placement Service Regional Chapter Meetings Scientific Sessions Specialty Section Meetings/Reception |
| Thursday, March 29 | <ul style="list-style-type: none"> Issues Session Placement Service Message Center |

Preview: 2001 Annual Meeting

A diverse and exciting program of quality science is promised for the 2001 Annual Meeting in San Francisco, California, March 25-29, 2001. The five-day program includes a continuing education program, a plenary lecture, other special sessions, symposia, workshops, roundtable discussions, and platform and poster presentations, as well as three days of exhibitions.

A large number of excellent scientific session proposals were submitted for the meeting. The Continuing Education Committee is preparing 16 choices for the continued professional development of toxicologists, including a one-hour "sunrise" course. **Dr. David Kessler**, Dean, College of Medicine, Yale University, former Commissioner of US FDA, will give the plenary lecture on Monday, March 26th. The Program Committee has tentatively accepted 23 symposia, 12 workshops, and 1 roundtable session.

SOT appreciates the time and efforts by the Specialty Sections officers and members for recruiting, developing and sponsoring timely proposals for the scientific sessions that are critical to the meeting's success.

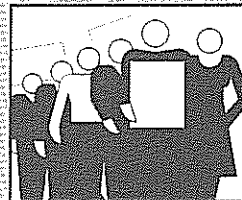
Symposia

- Breast Cancer: Issues in Screening and Testing of Potential Human Carcinogenesis
- Cell Adhesion Molecules as Potential Targets in Metal Toxicity
- Cellular and Molecular Mechanisms of Ocular Toxicity and Apoptosis
- Computational Toxicology
- Critical Windows of Neonatal Sensitivity of the Respiratory Tract to Toxicants
- Endocrine Disruption and Male Reproductive Development
- Environmental Influences on the Development and Severity of Allergic Asthma
- From Dietary Supplements to Drugs: Indole-3-carbinol and Phenethyl Isothiocyanate
- From Genes to Organs: Advancements in Modeling Biological Systems
- Genetic Polymorphisms in DNA Repair and Cancer Risk
- Genomic Approaches to Understanding Mechanisms of Chemical Toxicity
- Mechanisms of Hepatotoxicity
- Metal Ions and the Many Paths to Gene Expression: Transporters, Chaperones, Transcription Factors and Enzymes
- Molecular Mechanisms of Xenobiotic-Induced Autoimmunity

Continued on page 14

Poster Discussion Solicitation

The primary objective of the Poster Discussion format is to foster and encourage public discussion and debate of important scientific issues relevant to the major themes in the poster sessions. A secondary objective is to provide specific feedback to the authors concerning their data and its interpretations.



The session chairpersons are asked to group abstracts according to 2-3 selected topic areas and identify key issues to be addressed during the discussion segment of the session. The poster presenters will be asked to be prepared to address these during the session rather than summarize the key findings for their posters. Chairpersons will act to promote and facilitate discussion of the key issues identified for each topic area. The Program Committee believes that the opportunity for an exchange of ideas will be enhanced if the presenters and the audience can discuss one topic at a time.

Therefore, in a continuing effort to strengthen the Annual Meeting scientific program, the Program Committee is encouraging interested parties to submit pre-solicited groupings of meeting abstracts which would constitute viable Poster Discussion sessions. Each session should contain approximately 8-12 posters and consist of one hour of poster viewing time followed by two hours of author/panel/audience discussion. A Poster Discussion Proposal Form has been mailed with this newsletter. This form must accompany a copy of each abstract submitted on-line. The Poster Discussion Form and copies of abstracts should be submitted by **October 15, 2000**.

Not all proposed poster discussion sessions may be scheduled, due to the potential numbers of requests and facility limitations. However, submitted abstracts in clusters not accepted for Poster Discussions will be considered independently by the Program Committee during the normal abstract review.

Awards Deadline

Nominations must be received by
October 9, 2000.

Check the SOT Web site for award descriptions
(www.toxicology.org)

Accepted by the Program Committee?

Submitted by David L. Eaton and William Greenlee

Every year, the SOT membership is encouraged to develop and submit proposals for CE courses, symposia, workshops and roundtables for the next Annual Meeting. Specialty Sections encourage their members to submit proposals, and even fund the costs of travel for non-member speakers who participate in these programs. Symposia and workshops are in many ways the "scientific backbone" of the Annual Meeting, and provide important opportunities for our membership to learn about new and exciting areas of science that enhance our professional and career development. However, each year the efforts of some of the membership seem to go unrecognized, and disappointment prevails when they learn that their proposal was not accepted by the Program or CE Committees. Understandably, members feel that their proposal was excellent, do not understand why it was "rejected," and want to know what was wrong with the proposal. The CE or Program Committee tries to summarize clear deficiencies in the proposal, and these are communicated back to the organizer. However, each year there are many excellent proposals that are not included in the program, even though there is nothing really 'wrong' with them. This year, the Program Committee evaluated a total of 62 proposals for Symposia (42), Workshops (17) or Roundtables (3), and the Continuing Education Committee evaluated (20) CE Course proposals. The constraints of a 4-day meeting, coupled with room availability and other logistical considerations, limited the total number of symposia/workshop/roundtable slots in the program to 36. Thus, the Program Committee had to reject 24 submissions this year. As difficult as this is, the availability of a large slate of applications each year ensures that our Annual Meeting program is scientifically

strong, represents the diversity of our members interests, and is of the highest quality.

So what does the Program Committee look for in making these difficult decisions? From our perspective, there are four primary characteristics that are evaluated: 1) scientific quality, 2) focus 3) relevance, and 4) programmatic balance.

Scientific quality – Poster, Platform and Poster Discussion sessions are the primary ways that our membership communicate their own interests and research to their colleagues. Symposia and workshops, while providing a similar opportunity for a small fraction of our membership, offer the opportunity to hear of new, "cutting-edge" scientific advances that will shape our discipline in the future. Roundtables provide a forum for discussion of important, but often controversial, topics of interest to our membership. Thus, the Program Committee looks for novel, state-of-the-art, and cross-cutting ideas that frequently involve one or two leading experts in other disciplines (non-members), as well as a few of our own active members. The scientific reputation of the proposed speakers in the particular subject area is of course a key indicator of scientific quality, but certainly not the only one.

Focus – How do the proposed talks fit together to develop a clearly defined topic? Sometimes, proposals will include 4 or 5 excellent speakers who are all experts in a particular subject area, but the proposal fails to demonstrate how the individual talks will really flow together to produce a stimulating and "synergistic" session. If the focus is too broad, the Committee may feel that too much ground is covered for the time available. Conversely, if the focus is too narrow, the Committee

may feel that there is too much redundancy in the speakers, and will be of interest only to a narrow segment of the Society membership.

Relevance – Because space is limited in our program, it is important that we include symposia, workshops and roundtables that are of direct relevance to a substantial segment of our membership. Sponsorship of proposals by Specialty Sections helps the Program Committee in this decision. If a particular proposal is ranked highly by one or more of our Specialty Sections, the subject matter is likely to be considered quite relevant by the Program Committee. Multiple Specialty Section sponsorships of course illustrate this point even further. The summary abstract provided in each proposal should also directly address relevance.

Balance – With over 5,000 members and 18 different Specialty Sections in the Society, it is obvious that we have a wide diversity of professional and scientific interests among our membership. It is very important that this diversity is reflected in the Annual Meeting program, and this is a key consideration in final decisions by the Program Committee. Not infrequently, we may receive two or three outstanding proposals in a similar subject area, and are forced to make a choice as to which one is likely to be of greatest quality and relevance to our membership. This means that the other outstanding proposals are necessarily rejected, even though they meet all of the requirements above. The Committee also considers what sessions were included the previous year, so that there is not too much redundancy in topics in consecutive years. To facilitate maintaining this balance, each year the President makes particular efforts to ensure that the composition of the

continued on page 8

Paracelsus Goes to School 2000: A Spoonful of Sweetener helps the Toxicology Go Down

Submitted by the K-12 Subcommittee

"Paracelsus Goes to School," the workshop for 100 teachers at the Philadelphia SOT Annual Meeting, was an outstanding event, thanks to the efforts of many SOT members. Organized by the Education Subcommittee on K-12 Education, this year's effort was chaired by **Elaine Knight** of RWJ-PRI, with the assistance of **Brenda Steinberg** of EOHHSI at Robert Wood Johnson Medical School, **Peter Harvison** of the University of the Sciences in Philadelphia, and **Ann de Peyster** of San Diego State University. **Charlene McQueen** of University of Arizona, is the Principal Investigator on the grant from NIEHS that makes possible the reimbursement of costs for substitute teachers.

The teachers were welcomed by incoming SOT President **Dan Acosta** on behalf of SOT. **Debra Laskin** of Rutgers University, presented an introduction to basic toxicology. Participants were then divided into grade-level groups for most of the remaining day. **Brenda Steinberg** coordinated all the program elements.

Twenty-one teachers of grades K-3 learned about the "My Health My World" curriculum presented by **Nancy Moreno** of Baylor College of Medicine. Another eleven teachers were engaged in "What is Wrong with the Johnson Family," the intermediate unit of ToxRAP, led by **Laura Hemminger** of EOHHSI of Robert Wood Johnson Medical School.

The sixty-six teachers in grades 7-12 were treated to a rich diet including three presentations followed by appropriate classroom exercises in small groups to explore the topic. After the introductory talk by Dr. Laskin, investigation of the effects of alcohol on black worms provided a background in introductory toxicology principles. This activity was planned and carried out

by **Stefani Hines**, coordinator, **Elizabeth Casarez** (both of the University of Arizona), **Baird Lloyd** of Miami University, and **Debbie Lowenthal** of University of Washington. **Jay Goodman** of Michigan State University supplemented **Dave Eaton's** (University of Washington) slides in the presentation "Cancer and the Environment." Grades 7-9 teachers conducted a sunscreen activity and a risk simulation. Teachers of grades 10-12 carried out a simulated restriction enzyme analysis and a case study of disease clusters. These investigations were organized by **Jonathan Sharpe** of University of Washington, coordinator, and **Kate Bradley** of University of Washington, **Mary Oriold Dereski** of Wayne State University, **Stefani Hines**, **Debbie Lowenthal**, and **Cynthia Mutryn** of Maryland Public Television. The third presentation was an overview of the history of saccharin by **Samuel Cohen**, University of Nebraska Medical Center. Dr. Cohen's presentation was followed by a role-play, during which teachers held a hearing to answer the very timely question "Should NIH take saccharin off of the government's list of suspected carcinogens?" Testimony was provided by **Samuel Cohen**, **John Kille** of J. W. Kille & Associates, and **Paul Kirby** of SITEK Research Laboratories. This exercise was coordinated by **Holly Sherburne** of Oregon State, with assistance from **Suzanne Conklin** of Rhode Island College, **John Kille**, **Regina Donohoe** of California Environmental Protection Agency and **Heidi Losey** of Wayne State University.

Interest in toxicology was especially nourished by interaction with the toxicologists who served as mentors. A whopping twenty-eight mentors from the Philadelphia area

Continued to page 12

Graduate Student Volunteers Sought for 2001 Continuing Education Courses

The Society of Toxicology Continuing Education Committee is soliciting graduate student volunteers to assist with continuing education courses at the 2001 SOT Annual Meeting in San Francisco, CA.

Three students are needed for each course. Responsibilities include attendance at the orientation meeting and preparation of materials Saturday evening. Sunday responsibilities include collection of admission tickets, distribution of course materials, and collection of course evaluation forms. In return, student volunteers are not charged for attending the course and receive a SOT T-shirt. Students will also receive lunch if they help with both morning and afternoon courses.

Interested students should contact:

Dr. Darlene Dixon
NIEHS, Laboratory of
Experimental Pathology
P.O. Box 12233
South Campus-Bldg. 101
Research Triangle Park
North Carolina 27709
Tel: (919) 541-3814
Fax: (919) 541-7776
E-mail:
dixon@niehs.nih.gov

SOT Renews Contract with AIM

Noting high-quality performance from Association Innovation & Management, Inc. (AIM), the Society of Toxicology has renewed its management contract for two years. Last fall, the SOT Council performed a thorough evaluation of the Headquarters Staff with all ratings in the good-to-excellent category. While the management company's name and ownership changed last year, many of the staff have worked with SOT for up to 10 years. For more information about AIM staff, visit the members only section of the SOT Web site: www.toxicology.org/membersonly and click on Headquarters Staff.

Toxicology Education Foundation

Continued from page 3

1999-2000. With the Foundation's assets currently at \$475,000, TEF has a goal of reaching \$3 million by 2005 to expand programs and ensure long-term significant impact. TEF's fundraising committee is actively seeking support from the private and public sectors and from individuals interested in promoting education about toxicology to young people and non-scientists. We need your help! SOT members can help TEF in reaching the appropriate people within their organizations (contact **Betty Eidemiller** at (703) 438-3115 x 320 to provide information) and by making tax-deductible donations to TEF at 1767 Business Center Dr., Suite 302, Reston, VA 20190. A contribution envelope is included in this issue for your convenience.



Toxicology is part of the solution

Accepted by the Program Committee?

Continued from page 6

Program Committee reflects the diverse areas of interest of our membership when new Committee appointments are made. But even this is a challenging task, given the financial and practical constraints that limit the size of the Program Committee to approximately 15 members.

Finally, we will state the obvious — the decisions that are made by the Program Committee are carefully considered and discussed; however, ultimately there is a highly subjective component that enters into the process, and the amount of information available to them for each proposal is limited. The amount of information requested on the application form is kept to a minimum to encourage wide membership to submit proposals and participate in this process. After all, who wants to spend many hours preparing detailed proposals that may not be accepted in the first place? Furthermore, it would be next to impossible for the Program Committee to thoroughly review detailed proposals for all of the symposium/workshop/roundtable

applications we receive. The Committee currently meets for a day and a half in late May each year to complete these initial evaluations. As noted above, all proposals are reviewed by the entire committee membership, and each is discussed to everyone's satisfaction before decisions are made.

The Program Committee also has discussions with the Continuing Education Committee that meets simultaneously and provides a similarly rigorous review of all CE course applications. Through coordination of these two Committees, it is not infrequent to have CE courses considered for symposia or workshops, and *vice versa*, with the intent of ensuring the highest quality and most diverse program possible. The limited time available for this meeting requires that the Program and CE Committee members come to their meetings well prepared. Fortunately, our Society is blessed with many dedicated members who volunteer a large amount of their time and effort to the Society through participation on these (and other) SOT Committees.

So, if your proposal was not accepted, please be assured that it was considered thoroughly, and don't let that disappointment dissuade you from developing and submitting another proposal next year. Although the Chair of the Committee tries to communicate as much feedback as possible to the organizer, it is often difficult to characterize accurately the many factors that ultimately lead to the acceptance or rejection of a proposal. For those who had their proposals accepted, congratulations! Although your work has just begun, and considerable additional efforts will be required to turn a good idea into a good symposium, workshop or roundtable, be proud that it is your hard work that contributes to the success of our Annual Meeting each year. To the benefit of all of the SOT membership, we hope that the Program Committee will have an even larger slate of excellent proposals to choose from—and thus even more difficult decisions to make next year!

The Ad Hoc Working Group on Women in Toxicology Seeks Volunteers

The Ad Hoc Working Group on women in Toxicology (WIT) is seeking two additional volunteers to become members of the working group. Although input and help is needed and welcome from all SOT members, we are seeking enthusiastic volunteers to work directly with the group to implement the mission and goals of WIT. Much of the past year was spent defining the mission and goals, developing relationships with other SOT committees, developing a presence on the Web site, planning for SOT 2000 and developing a proposal for a scientific session at SOT 2001. Ideas for additional activities have developed over the past year including establishment of a formal mentoring program, hosting a half-day retreat in conjunction with the SOT Annual Meeting, and development of a WIT newsletter.

The time commitment required will vary depending on the specific activities. Members of the Ad Hoc Working Group communicate by conference calls approximately once every six to eight weeks and also by e-mail more frequently. Members are busiest immediately prior to and after the Annual Meeting although events occur throughout the year.

If you are interested in becoming a member of the Ad Hoc Working Group on Women in Toxicology, or would like to nominate someone for this position you will need to provide your name, address, a brief biography and statement regarding your reasons for wanting to join the group. If you would like to nominate someone, please confirm with the nominee that they are willing to accept the position and, in addition to the items listed above, provide a statement regarding reasons for the nomination. Materials should be sent to:

*Gina Pastino, Ph.D., D.A.B.T.
Senior Scientist, Schering-Plough
Research Institute
144 Rt. 94, P.O. Box 32
Lafayette, New Jersey 07848-0032
E-mail: gina.pastino@spcorp.com
Tel: (973) 940-4554*

While submissions can be either electronic or in paper form, electronic submissions are encouraged. The deadline for receipt of submissions is **October 1, 2000**. Contact Gina Pastino at the above address with any questions.

Dues

Please remember to check off the WIT block on your membership renewal form.

WIT would like to thank Albert and Maryanne Pastino who donated \$1,000 to WIT from the Albert and Maryanne Pastino Charitable Trust Foundation.

AXXS'99, Achieving Excellence in Science

The article presented below was reprinted with permission from the American Society for Cell Biology, ASCB Newsletter, December 1999. **Drs. Gina Pastino and Michelle Hooth** attended this meeting on behalf of SOT-WIT.

Representatives from over 50 scientific societies participated in a unique meeting – AXXS [“Access”] ‘99 – December 9 & 10, 1999. A satellite to the Annual Meeting of the ASCB, the workshop brought together scientific society representatives with the power to effect change within their organizations. They developed draft plans to address the problems common to the career advancement of women.

Catalyzed by the ASCB Women in Cell Biology Committee, funding was provided by the NIH Office of

Research on Women’s Health through the National Institute of Environmental Health Sciences. The meeting also received broad endorsement from virtually all the institutes and centers at the NIH. Participants were divided into working groups, each of which addressed one of five general topics:

- mentoring and networking to promote the contributions of women scientists;
- career development for women scientists at the mid and senior levels;
- representation of women in scientific societies;
- sharing model systems that work, and
- outreach and collaboration within and between societies and other organizations to advance science by promoting women.

Each working group described several visions of what the future would look like if the problems were solved. Obstacles to be overcome if the visions were to be realized and initiatives to address the problems were proposed. Each group selected two initiatives to develop into action plans, consisting of a clearly defined initiative, a method to implement the initiative, and a means to evaluate success. In addition, the first steps to implement the plans, and the person(s) to carry out these steps, were identified.

The seven working groups produced 14 draft initiatives. As expected, many initiatives overlapped or were complementary. Mentoring and networking activities and strategies headed the list as actions most needed both within and between societies and other organizations. Other initiatives included: increasing public awareness of scientists, what they do, and the

continued on page 10

Special Subscription Offer for SOT Members

Save 20% and enjoy FREE on-line access to review journals which are among the most highly cited in their field. The SOT has negotiated exclusive discounts for its members on 3 of Current Trends' leading review journals. As an SOT member, you can subscribe to any of the titles listed below at a 20% discounted rate:

| Title | You Pay (US\$) | Save (US\$) |
|--|----------------|-------------|
| <i>Drug Discovery Today</i> | \$118 | \$29 |
| <i>Trends in Pharmacological Sciences</i> including <i>Toxicological Sciences</i> (Impact Factor 11.697, 1999) | \$118 | \$29 |
| <i>Trends in Biochemical Sciences</i> (Impact Factor 15.705, 1999) | \$118 | \$29 |

Take out a PRINT subscription today for Jan-Dec 2000, and you will get:*

- ✓ Free on-line access to the full-text of current and at least 3 years of archive issues
- ✓ Free membership to BioMedNet giving you direct links to MEDLINE, Science Jobs and much more
- ✓ The ability to perform powerful, fast, personalized subject searches

To place an order or request a sample copy, please contact Current Trends at the below address, quoting reference 'SOT' Current Trends Subscriptions, PO Box 331, Haywards Heath, West Sussex RH16 3FG, UK Tel: +44 (0)1444 475650, Fax: +44 (0)1444 445423, E-mail: ct.subs@qss-uk.com

* Journals will be supplied on a calendar year basis Jan-Dec 2000. To start your subscription from Jan 2001, please e-mail ct.subs@qss-uk.com

Ad Hoc Working Group on Women in Toxicology Seeks Volunteers

Continued from page 9

possibilities for careers in science for young women and men; educating young scientists about the "unwritten rules" of career advancement; developing a best-practices clearing house aimed at increasing access, retention and advancement of women's careers in science, engineering, mathematics, and technology; developing a public "report card" of family/women friendly institutions and organizations and effective use of carrots and sticks with such institutions; developing an umbrella organization with membership from multiple societies to advance women scientists in all organizations, and developing a database of women scientists across societies to be used for speakers, committees, editorial boards, collaborations, and leadership positions. Such a database would be an extension of existing activities such as the ASCB Women in Cell Biology's Women Speaker's Bureau & Referral

Service. A recurring theme was the need to maximize the investment embodied in a woman who has earned a Ph.D. so that the scientific contributions of which she is capable are not lost to science and society.

After the presentation of each draft action plan, a distinguished group of commentators and participants from other groups discussed the plans. Commentators included many individuals with experience and concern for women scientists: the Deputy Director of the NIH, other NIH representatives from both the extramural and intramural programs, representatives of large and small scientific organizations, the Editor-in-Chief of a major scientific trade publication, the Director of the Gordon Research Conferences, and the executive directors of prominent research and women's organizations.

One immediate outcome of AXXS'99 is a Web site to be hosted by the ASCB describing the initiatives

underway and related information. ASCB members who wish to get involved with implementing an initiative should contact one of the workshop organizers. A follow-up meeting to consolidate the draft plans was scheduled for Spring 2000. Participants left the meeting with a feeling of momentum. Concrete means to address women scientists' career advancement are underway and in the hands of capable women.

—W. Sue Shafer, University of California, San Francisco, and Maureen Brandon, Idaho State University, for the Women in Cell Biology Committee



CE Speakers Available to Regional Chapters

The Continuing Education courses provided excellent lectures to participants at the 1999 and 2000 Annual Meetings. SOT will make some of the course presentations available to a wider audience. Outstanding speakers who are SOT members have been identified based upon course evaluations, and these selected speakers have agreed to participate in the SOT CE Speakers Bureau. Any Regional Chapter may request a presenter from the list below for chapter meetings, and SOT will provide funding to cover the speaker's costs. The first step is to contact SOT Headquarters and put in your request. The CE Committee will evaluate the request and make the final decision. Limited funds are available and these will be allocated as requests are received, so it is important to put your request in early.

2000–2001 Continuing Education Speakers Bureau

| Name/Affiliation | Talk Title (Course Year) | Areas of Interest |
|---|---|--|
| James Bus, Ph.D. <i>Dow Chemical Company, Midland, MI</i> | Tips for Effective Risk Communication: How to Effectively Talk to the Public (2000) | Pesticide Toxicology, Mechanisms of Toxicity, Toxicology of Industrial Chemicals, Processes for Setting of Occupational Exposure Levels to Chemicals |
| Deborah Cory-Slechta, Ph.D. <i>University of Rochester Rochester, NY</i> | Behavioral Measures of Neurotoxicity (2000) Cell Signaling in Renal Apoptosis and Proliferation (2000) | Behavioral Toxicology, Neurotoxicology, Neurochemistry, Behavior, Neurodegenerative Disease |
| Myrtle A. Davis, Ph.D., D.V.M. <i>University of Maryland, Baltimore, MD</i> | Cell Signaling in Renal Apoptosis and Proliferation (2000) | Cell Signaling in Renal Epithelial Cells, Renal Cell Responses to Toxicants, Control of Proliferation in Apoptosis and Renal Epithelial Cells |
| Gregory L. Finch, Ph.D. <i>Pfizer Global Research & Development Groton, CT</i> | Pulmonary Immunotoxicology of Metals (2000) | Dosimetry and Disposition of Inhaled Compounds, Comparative Pulmonary Toxicology and Human Health Risk Assessment |
| John Frazier, Ph.D., S.T. <i>Wright-Patterson Air Force Base, OH</i> | Target Organ Dosimetry: An Exercise in Modeling Complex Biological Systems (1999) | <i>In Vitro</i> Toxicology, Mathematical Modeling and Quantitative Structure Activity Relationships |
| Frank G. Gerberick, Ph.D. <i>Procter & Gamble Company Cincinnati, OH</i> | Acute Photobiological Responses to Light (2000) | Skin Allergy and Photobiology |
| Meryl Karol, Ph.D. <i>University of Pittsburgh Pittsburgh, PA</i> | Models of Contact and Respiratory Sensitivity and Structure-Activity Relationships (1999) | Immunology of Lung and Skin Diseases, Structure-Activity Relationships of Hypersensitivity Reactions and of Skin and Lung Irritation |
| Daniel C. Liebler, Ph.D. <i>University of Arizona Tucson, AZ</i> | Applications of Proteomics in Toxicology Research (2000) | Proteomics, Protein Adducts, Mass Spectrometry and Molecular Toxicology |
| William B. Mattes, Ph.D. <i>Pharmacia Kalamazoo, MI</i> | Basic Bioinformatics: From Sequence Analysis to Genome Analysis (1999) | Molecular Toxicology and Bioinformatics |
| Kent Pinkerton, Ph.D. <i>University of California-Davis Davis, CA</i> | Respiratory Tract Anatomy and Toxic Insult (1999) | Ozone, Inhaled Particulates, Air Pollution Insult |
| James E. Riviere, Ph.D., D.V.M. <i>North Carolina State University Raleigh, NC</i> | Basic Toxicokinetics: Principles, Methodology and Future Applications (2000) | Pharmacokinetics, Dermal Absorption of Complex Chemical Mixtures |
| Thomas R. Sutter, Ph.D. <i>University of Memphis Memphis, TN</i> | Design of Antibody Reagents and Methodologies to Study Toxicant Induced Proteins (2000) | Cytochrome P4501B1, Toxicity of Dioxin in Humans, Screens in Toxicology: Gene Microarray Analysis |
| Rochelle W. Tyl, Ph.D., DABT <i>Center for Life Sciences and Toxicology Research Triangle Park, NC</i> | Overview of the EDSTAC Process and Background of the Endocrine Screening and Testing Batteries (1999) | Reproductive Toxicology and Endocrine Disruption |
| Cheryl Walker, Ph.D. <i>UTMD Anderson Cancer Center Smithville, TX</i> | Molecular Genetics of Renal Carcinogenesis (2000) | Molecular Biology, Animal Models, Carcinogenesis |
| Kendall B. Wallace, Ph.D., DABT <i>University of Minnesota School of Medicine Duluth, MN</i> | Mitochondrial Targets of Chemical Toxicity (1999) Overview of Toxic Events in the Heart (2000) | Mechanisms |

Paracelsus Goes to School 2000...

continued from page 7

volunteered, so teachers and mentors were able to meet in small groups over lunch, discuss ways the toxicologists can help in their classrooms, and visit the exhibit hall. Peter Harvison lead the mentor recruitment effort, with the assistance of Jack Kille and others from the Mid-Atlantic SOT Regional Chapter. Mentor orientation was provided by Ann de Peyster and **Mary Haasch** of University of Maryland (Chesapeake Bay). On the workshop evaluations many teachers highlighted the interaction with the mentors as a strongly positive part of the workshop, and 79% of the mentors indicated that they definitely plan to engage in follow up activities with their teachers.

The workshop would not have been possible without the teacher

recruitment efforts of Elaine Knight, with assistance provided by RWJ-PRI, registration logistical services of Brenda Steinberg, Pat Billman, and Diane Borowsky of EOHSI, and the work of a large group of MASOT volunteers spearheaded by Jack Kille. Registration assistance at the workshop was provided by RWJ-PRI employees, **Carol Overold**, **Debra Seder**, and **John Giuliani**, and **Ellen Lodato** of McNeil Specialty as well as **Norman Morgan** and **Jean Jamison** of the Youth Achievers Committee. Fourteen students from the University of the Sciences in Philadelphia also assisted with the K-12 activities.

In addition to the teacher workshop, toxicologists had three other opportunities to learn about ways to

provide toxicology messages to students. The K-12 Exhibit booth sponsored by the K-12 Subcommittee displayed curriculum from multiple NIEHS Centers due to the efforts of **Mary Dereski**, **Lisa Pietrantonio**, and **Sheila O'Brien** of Wayne State University. **Gary Yost** of University of Utah and **Charlene McQueen** organized the workshop "Toxicology for Kids, Part II: The Classroom Experience." Presenters discussed specific ways they had interfaced with classrooms, a teacher described a mentoring arrangement with a toxicologist, and curriculum materials were available for inspection. Dr. Dereski also coordinated a poster discussion session featuring NIEHS Center education outreach activities.

K-12 Toxicology Mentors

In the past five years of Paracelsus workshops, a total of 133 toxicologists have volunteered to serve as mentors for the 490 teachers that have participated. The following toxicologists are serving as mentors for Philadelphia area teachers:

Carol S. Auletta
Huntingdon Life Sciences

Cheryl Batandolo
Waters Corp.

Geary G. Batastini
Wyeth-Ayerst Research

Juanell N. Boyd
Colgate-Palmolive Company

Michael E. Burczynski
Johnson and Johnson

David Cragin
Elf Atochem NA

Rakesh Dixit
Merck Research Laboratories

Alison J. Draper
Bucknell University

Cynthia Graham
Bayer Corporation

Jeffrey R. Hazelette
Novartis Pharmaceuticals Corp.

Mark Hite
*Consultant Drug
Safety & Toxicology*

Sandra Inman-Wood
Rohm and Haas

Laura Kaufman
Consultant

John W. Kille
J.W. Kille Associates

Isabel Mandelbaum
Consultant

Lisa Morio
Rutgers University

Andrey I. Nikiforov
Toxicology/Regulatory Services, Inc.

Raymond F. Orzechowski
*University of the Sciences in
Philadelphia*

Anthony Schatz
Reckitt & Colman, Inc.

Brian Slezak
Colgate-Palmolive Company

Jerry M. Smith
Retired, Rohm and Haas

Eric G. Spokas
UMDNJ-SOM

Robert Sussman
Warner-Lambert

Ruy Tchao
*University of the Sciences in
Philadelphia*

Ann Tveit
Elf Atochem NA

Michael D. Utidjian
*Columbia University School of
Public Health*

M. Alfred Wiedow
Ciba Specialty Chemicals

Stephen J. Williams
Fox Chase Cancer Center

PLACEMENT SERVICES

Toxicologist

Stiefel Laboratories, Inc., an International pharmaceutical company and a world leader in development of drug products for use in dermatology has a TOXICOLOGIST position available in the clinical research department at its facility in Oak Hill, NY (approximately 30 miles south of Albany).

This individual will conduct/supervise preclinical drug testing and prepare toxicology related regulatory documents. Travel required; MS or PhD degree required.

Stiefel employees enjoy a generous benefit package and excellent opportunities for professional growth. Interested candidates should respond to: HR Manager, Stiefel Laboratories, Inc., Rt. 145, Oak Hill, NY 12460. FAX (518) 239-6341; E-mail CareersNY@Stiefel.com. *EEO W/M/D/V encouraged to apply.*

Chair, Department of Pharmaceutical Sciences

The College of Pharmacy of the University of Oklahoma Health Sciences Center invites applications and nominations for the position of Chair, Department of Pharmaceutical Sciences. The Department comprises the disciplines of Pharmacology, Toxicology, Pharmaceutics, Medicinal Chemistry and Nuclear Pharmacy. Applications must have a Ph.D. or equivalent degree and recognized success in research, teaching, and faculty leadership in a basic science department. Candidates with a research background relevant to the areas listed above will be considered. The successful candidate is expected to be committed to a strong research program in the Department and to professional and graduate training. The position provides open faculty lines, an expanding graduate program, and outstanding laboratory space. Applications will be accepted and reviewed until the position is filled. The review of applications will begin August 1, 2000. Please submit a *curriculum vitae*, reprints of seminal manuscripts, and names and addresses of three references to:

Laurence D. Fechter, Ph.D./Chair, Search Committee, Professor and Director, Center for Toxicology, University of Oklahoma Health Sciences Center, P.O. Box 26901, Oklahoma City, OK 73190, <http://www.cpb.uokhsc.edu>.

Women and minorities are strongly encouraged to apply. The University of Oklahoma Health Sciences Center is an Equal Opportunity/Affirmative Action Employer.

Department Head — Toxicology

Roche Bioscience offers an exciting pharmaceutical research environment focused on small molecule drug discovery. The following position is available in our Neurobiology Unit.

You will provide strategic and tactical direction to 10-12 research scientists generating toxicology input to project teams whose task is the identification of new medicine candidates. Your responsibilities will include designing, conducting and evaluating toxicology studies for entry into human and extended clinical evaluation: interacting with international Roche toxicology groups to insure compatibility with Development and Business groups; and following regulatory and internal Roche guidelines for toxicology studies. You will also be responsible for budget schedules and performance requirements.

To qualify, you must have a Ph.D. in Pharmaceutical Toxicology, 5-10 years experience in a related field, and familiarity with the regulatory aspects of toxicology. You will have presented studies to regulatory authorities. Strong communication skills and proven leadership talents are essential.

Roche Bioscience is proud to offer competitive salaries and a full benefits package, which includes relocation assistance, 401(k) and pension plan. If you would like to explore our opportunities firsthand, apply today by sending your resume, indicating Job Code 0600GF-STN, to geri.filippini@roche.com or mail to Roche Bioscience, 3401 Hillview Avenue, A2-HR, Palo Alto, CA 94304. Fax (650) 424-8159. *As an equal opportunity employer, we are committed to workforce diversity.* Visit our Web site for more information at www.roche.com/bioscience.

Regulatory Review Pharmacologist/Toxicologist

The US FDA, Center for Drug Evaluation and Research is recruiting pharmacologists/toxicologists to serve as regulatory drug application reviewers. Reviewers are assigned to multidisciplinary scientific teams which evaluate studies submitted by pharmaceutical manufactures in support of New Drug and Investigational New Drug Applications (NDA/INDs). They evaluate the quality and adequacy of manufactures' tests, determine the validity of safety and efficacy claims, write reports and monitor events on marketed drugs. Basic requirement is a degree in pharmacology/toxicology. A doctorate degree in the discipline and experience in pharmaceutical development, testing coupled with good analytical and communicative skills are highly desired for these positions. Candidates for Civil Service or Commissioned Corps appointments must be US Citizens. Permanent US residents can apply for Staff Fellowship appointment. Civil Service GS-12/13, \$51,204 to \$79,155, including an excellent benefits package. Send resume with a cover letter indicating that you are applying under source code 100027 (SOT Newsletter) to : Food and Drug Administration, 7520 Standish Place, Room 211, Rockville, Maryland 20855, Attn: CDER Recruitment.

Cellular Telecom Industry Solicits Proposals for Radiofrequency Energy Research

The Cellular Telecommunications Industry Association (CTIA) is soliciting proposals for research to be conducted under the Cooperative Research and Development Agreement (CRADA) with the US Food and Drug Administration (US FDA) for the first phase of research specifically on the study on the effects of radio-frequency energy on micronucleus formation. A copy of the full Request for Proposal (RFP) will be available by September 19, 2000 on-line through CTIA at www.wow-com.com or by calling the CTIA CRADA administrator at (202) 785-0081.

Preview of 2001 Annual Meeting

continued from page 5

- New Insights into Mechanisms of Peroxisome Proliferator-Induced Hepatocyte Growth and Carcinogenesis
- Oxidant Stress Mechanisms in Pathological and Toxic Responses
- Pharmacogenetics and Drug Metabolism
- Phenolic Compounds: Free Radical Mechanisms of Toxicity, Catalysis and Protection
- The Developing Immune System: A Sensitive Target for Perturbation by Xenobiotics
- The Physiologic Role of the Aryl Hydrocarbon Receptor as Revealed in the Presence or Absence of Xenobiotics
- The Role of Apoptosis in Developmental Neurotoxicity and Neurodegeneration in Adults
- Toxic Catalytic and Protective Mechanisms of Phenoxy Radical Intermediates
- Unraveling a Mystery: New Insights into the Molecular Mechanism(s) Responsible for TCDD-induced Immunotoxicity

Workshops

- Animal Care and Use in the New Millennium: Challenges for the Toxicologist
- Drug Effects on Ventricular Repolarization: A Critical Evaluation of the Strengths and Weaknesses of Current Methodologies and Regulatory Practices
- Evaluating Odorants and Sensory Irritants in the Workplace: Tools, Techniques, and Standards
- *In Vivo* Genotoxicity Assays: Novel Findings
- Mechanisms of Species-Specific Endocrine and Dietary Factors in Carcinogenicity Bioassays
- Non-Invasive Approaches for Toxicological Research of the Lung
- Ovarian Toxicity Based Upon Direct or Indirect Perturbation of Hormonal Environment
- Risk Assessment: Science, Regulation and Legislation
- The Use of Bioavailability Studies in Risk Assessment: Approaches Used to Assess the Oral Bioavailability of Lead and Arsenic in Soil
- Unique Challenges in the Safety Assessment of Human Immunotherapeutics
- Use of Transgenic Models for Carcinogenicity Testing—A Data-based Evaluation

This year the Award Presentations
will take place during the
Welcoming Reception

Roundtable

- Is Chelation Therapy Effective for the Treatment of Low-Level Lead Poisoning?

Innovation in Applied Toxicology Session

- Applications of Noninvasive Imaging in Toxicology

Innovation in Toxicological Sciences Session

- Proteomics and Functional Genomics in Toxicology

Continuing Education

- Sunrise Mini-Course: Genomics Technologies Applied to Toxicology
- Web Resources for Toxicologists
- Ocular Toxicity: Assessment Methods and Mechanisms
- Risk Assessment for Metals
- Choosing Tools for Toxicogenomics: A Primer for the Research Scientist
- Liver Toxicology
- Nutraceuticals/Functional Foods—Safety and Regulatory Issues
- Receptors and Signal Transduction in Ecotoxicology
- Novel *In Vivo* Genotoxicity Assays: Developing Trends for Pharmaceutical and Environmental Applications
- Neurotoxicology of Metals: Causes and Consequences
- Development and Use of Transgenic Animal Models in Toxicology
- Food Allergy and Intolerance
- Environmental Bioindicators: Useful Tools for Assessing At-Risk Populations
- Prediction of Human Toxicity and Metabolic Fate of Drugs Using *In Vitro* Systems
- Stress Kinases, NF- κ B and Caspases: Pathways in Chemical-Induced Cell Survival and Death
- Improving Risk Assessment for Human Developmental Defects: The Promise of Recent Advances in Development Biology and Genomics

UPCOMING CONFERENCES

RASS VIII, IUTOX (International Union of Toxicology), September 30-October 8, 2000, Pueblo Acantilado, Alicante, Spain. Contact: Birgitta Lewander, Malmfors Consulting AB, Vastmannagatan 48, S-113 25 Stockholm, Sweden; Tel: +46 8 31 19 90; Fax: +46 8 30 11 33; E-mail: malmfors.consulting@ebox.tinet.se; Web site: <http://www.global-rass.org>.

Third Asian Conference on Food Safety and Nutrition, October 3-6, 2000, Beijing, China. Sponsored by: International Life Sciences Institute (ILSI), ILSI Focal Point in China, Chinese Academy of Preventive Medicine and in cooperation with ILSI branches in Australasia, India, Japan, Korea, Southeast Asia, and Thailand, and other regional and international organizations. Contact: International Life Sciences Institute, 1126 Sixteenth Street, N.W., Washington, DC 20036-4810; Tel: (202) 659-0074; Fax: (202) 659-3859; E-mail: ilsil@ilsil.org.

IACUC 101, October 6, 2000, Oregon Health Sciences University (OHSU), Portland, OR. Sponsored by: the Applied Research Ethics National Association (ARENA) in conjunction with the Oregon Biomedical Research Association (OBRA), OHSU and the NIH Office of Laboratory Animal Welfare (OLAW). Contact: Mary Lou James via the Web site: <http://www.primr.org/iacuc101ohsu.html>.

Second NSF International Conference on Food Safety: Preventing Foodborne Illness Through Science and Education, October 11-13, 2000, Hyatt Regency Savannah in Savannah, GA. Contact: Christopher Grace, Tel: (734) 827-6865; Fax: (734) 827-6840; E-mail: grace@nsf.org.

Hydrogen Sulfide Health Effects and Risk Assessment Symposium, October 31 -November 2, 2000, Sheraton Europa, Chapel Hill, NC. Co-sponsored by the American Petroleum Institute, the Chemical Industry Institute of Toxicology, and the U.S. EPA. E-mail: h2s@api.org; Web site: <http://www.api.org/h2s>

Workshop on the Evaluation of Alternative Methods for Carcinogenicity Testing, November 1-3, 2000, Lansdowne Resort, Leesburg, VA. Contact: meetings@ilssi.org; Web site: <http://ilso@ilsil.org>

American College of Toxicology 21st Annual Meeting, November 12-15, 2000, Catamaran Resort Hotel, San Diego, CA. Contact: ACT, 9650 Rockville Pike, Bethesda, MD 20814; Tel: (301) 571-1840; Fax: (301) 571-1852; E-mail: ekagan@actox.org

Food Safety Objectives: Public Health, HACCP and Science, December 4-5, 2000, Georgetown University, Washington, DC. Contact: Phillipa Orme, FSO 2000 Conference Secretariat, 12 Church Street, West Hanney, Wantage, Oxon, OX12 0ln, UK; Tel: +4 (0) 1235 868811; Fax: +44 (0) 1235 868811; E-mail: p.orme@dial.pipex.com; <http://www.elsevier.com/locate/fso2000>.

Indoor Air Health: Trends and Advances in Risk Assessment and Management, January 29-31, 2001, Radisson Deauville Hotel, 6701 Collins Avenue, Miami Beach, FL 33141. Contact: Wendy Raeder, NSF International, 789 North Dixboro Road, Ann Arbor, MI 48105; Tel: (734) 827-6888; Fax: (734) 827-6840/6831; E-mail: raeder@nsf.org; <http://www.nsf.org/conference/air2>

Society of Toxicology 40th Annual Meeting, March 25-29, 2001, Moscone Convention Center, San Francisco, CA. Contact: SOT Headquarters, 1767 Business Center Drive, Suite 302, Reston, VA 20190-5332; Tel: (703) 438-3115; Fax: (703) 438-3113; E-mail: patricia@toxicology.org; Web site: <http://www.toxicology.org>

British Toxicology Society Annual Congress, June 10-13, 2001, University of Keele, UK. Contact: Dr. TJB Gray, Meetings Secretary, Sanofi-Synthelabo, Willoburn Avenue, Alnwick, Northumberland, NE662JH, England; Tel: +44 (0) 1665 607370; Fax: +44 (0) 1665 607510.

International Neurotoxicology Association Eighth Annual Meeting, June 17-22, 2001, Hotel Estoril Eden, Estoril, Portugal. Web site: <http://www.neurotoxicology.org>.

9th International Congress of Toxicology, July 8-13, 2001, Brisbane Convention and Exhibition Centre, Queensland, Australia. Hosted by Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists. Contact: Intermedia Convention and Event Management, P.O. Box 1280, Milton, QLD 4064, Australia; Phone: +61 (0) 7 3369 0477; Fax: +61 (0) 7 3369 1512; E-mail: ictix2001@im.com.au; Web site: <http://www.uq.edu.au/ICT IX>.

MEDIA OF INTEREST

Current Protocols in Toxicology, Contact: John Wiley & Sons, Inc., Attn: P. Spillane-9th Floor, 605 Third Avenue, New York, NY 10158-0012; Tel: (800) 825-7550; E-mail: protocol@wiley.com.

The Quarterly Review of Biology, (ISSN: 0033-5770) edited by Albert D. Carlson and James D. Thomson, University of Chicago Press, Journals Division, P.O. Box 37005, Chicago, IL 60637; Web site: <http://www.journals.uchicago.edu/QRB/>



In Memoriam

Julius M. Coon
Dennis J. O'Connor

R. Conrad Jones
Stanley Stadnicki, Jr.

SOT Fiscal Year 2000–2001 Budget Outlook

Submitted by the Finance Committee

Beginning with the March Annual Meeting through May, SOT's Finance Committee has worked in close collaboration with SOT Committee chairs, Headquarters, and Council to develop SOT's budget for the 2000-2001 fiscal year. The budget adopted by SOT Council in June for the fiscal year beginning July 1 reflects SOT's purpose, vision, and goals as identified in our Long-Range Priorities. This article is intended to enhance awareness of the relationship of our annual budget to our goals and the financial guidelines for establishing SOT's annual budget.

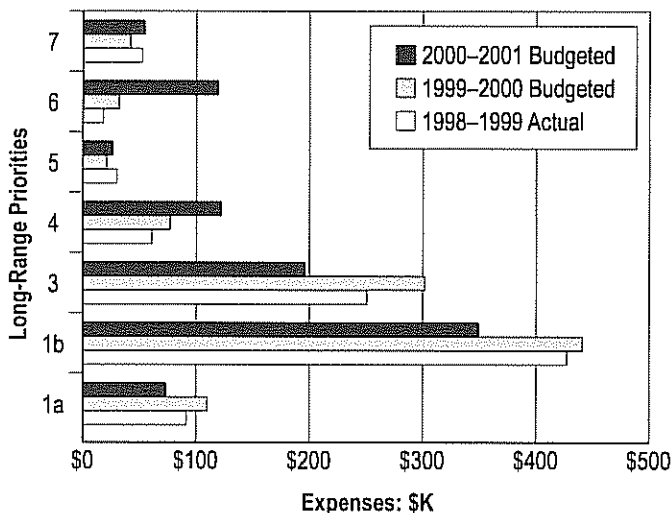
The 2000–2001 fiscal year budget projects annual expenses at ~\$3,487 K, which are offset by projected income and interest of \$3,387 K. This budget is similar in magnitude to the budgets of the last two years, as communicated in the most recent Treasurer's Report, and projects a slight budget deficit. Further, the budget meets SOT's financial policy which requires that liquid reserves be maintained at >75% of our anticipated expenditures (or ~\$2,615 K for our projected expenses this year). Current SOT reserves of \$2,815 K slightly exceed this requirement. Thus, SOT is doing a good job at balancing expenses against revenue and reserves to deliver an assortment of valuable programs and services. However, in the absence of identifying significant new revenue sources or reducing current programs, SOT needs to maintain a balanced budget so as not to deplete our reserves or to impede activities critical to our members and SOT's goals. This is accomplished via SOT's financial policy that requires that Council approve any significant expense or new program request not included in the budget adopted at the outset of the fiscal year. SOT's Finance Committee provides additional

input by participating in the development and oversight of the annual budget, protecting existing SOT assets, identifying new sources of revenue, and communicating these activities to the members.

The accompanying table shows how SOT's budget and resource allocations align with Long-Range Priorities for 2000–2001, and the figure provides a partial comparison for the past 3 years. SOT's Long-Range Priorities are listed in our Membership Directory and on our Web site in the Leadership Reference Guide, where committee and member roles in achieving these priorities are also defined. This analysis was performed by assigning all expenses for SOT operations, programs, and committee activities to the most appropriate priority for the past 3 years. Please note that some activities contribute to more than one priority, so this analysis is only intended as a rough assessment of how our resources are currently allocated. In this regard, priority 2, fostering the use of sound science to improve risk assessment, was considered a crosscutting issue and was not tracked as a separate budget category. Further, priority 8 includes the activities that are the backbone of SOT and/or serve as net revenue generating sources, such as the Annual Meeting, publications, dues, related committee activities (Council, Finance, Program, Continuing Education, Membership), and general & administrative activities to run SOT. Clearly these activities could also be distributed to other priorities.

This analysis (and the annual Treasurer's reports) show that total expenses and revenues have remained relatively level over the past 3 years. Thus, one important message from this analysis is that new programs can only be initiated by modifications to the current allocations without new revenue sources. For example, the increased expenditures allocated to Priority 6 in this upcoming fiscal year represent collaborations between various committees and the WWWWTF to enhance our Web site so that expanded services and education options can reach more members via the Internet. Increased expenditures to Priority 4 reflect the formation of a new Student Advisory Council, development of a membership brochure, and enhanced activities by the Placement Committee. SOT's various committees and members contribute significantly to achieving each of these priorities by providing the sweat-equity and input on resources needed to implement critical programs. We look forward to another productive year for SOT through the contributions of our membership!

LRP Expenditures: 3-Year Analysis



Long-Range Priority Expenditures

| | Long-Range Priority | Examples of Program Contributors* | Program Examples** | Budgeted Expenses \$K | Budgeted Revenue \$K |
|-----------|---|---|---|-----------------------|----------------------|
| 1 | Support and advance basic and applied research in toxicology by addressing: | | | | |
| 1a | . . . shrinking research funding sources. | RALA | Congressional Fellow Monitoring Legislation Write to Congress | \$72 | \$0 |
| 1b | . . . training needs. | ED, CE, PROG, SS, Minority, RC, Awards | Grad/undergrad training Sponsored Awards | \$349 | \$151 |
| 2 | Foster use of sound science to improve risk assessment. | RATF, RALA, Council, SS, RC, CPC, ED | Reg/Leg Input Education | Crosscutting | Crosscutting |
| 3 | Increase public understanding of toxicology. | CPC, K-12, ED, TEF, RALA, RC, Awards, Council | High School Teachers Program K-12 Materials/TEF Public Service Announcement | \$196 | \$22 |
| 4 | Focus on employment demographics and training needs. | Placement, Membership, SAC | Placement Services Membership Survey Formed SAC | \$122 | \$62 |
| 5 | Optimize use of animals in research. | AIR | AIR Brochure Recognition Awards | \$26 | \$0 |
| 6 | Develop computing and communication technologies. | WWWTF w/others | Internet Services | \$119 | \$14 |
| 7 | Strengthen international relations. | IUTOX/Council, WWWTF | IUTOX participation Int'l training support | \$54 | \$12 |
| 8 | Establish a stable and broad financial platform. | PROG, CE, BOP, Council, Finance, HQ | Annual Meeting Publications General SOT Admin | \$2,549 | \$3,126 |
| | | | 2000-2001 Total Budget | \$3,487 | \$3,387 |

* This is not intended to be a complete list of program contributors. Abbreviations: AIR: Animals in Research Committee, BOP: Board of Publications, CE: Continuing Education Committee, CPC: Committee On Public Communications, ED: Education Committee, HQ: Headquarters, IUTOX: IUTOX Councilors, K-12: Education Subcommittee for K-12 Education, Minority: Education Subcommittee For Minority Initiatives, PROG: Program Committee, RALA: Regulatory Affairs and Legislative Assistance Committee, RATF: Task Force to Improve the Scientific Basis of Risk Assessment, RC: Regional Chapters, SAC: Student Advisory Council, SS: Specialty Sections, TEF: Toxicology Education Foundation, WWWTF: World Wide Web Task Force

** Refer to Leadership Guide on SOT's members only Web site for more complete descriptions of programmatic strategies and contributors.

Themes of Outreach

Continued from page 1

larger role for SOT regional chapters in outreach. They recognized that working through organizations at the local level facilitated communication with community organizations and schools. Enhanced liaison between Council and regional chapters was suggested as important in coordinated delivery of local-level SOT outreach.

With the opinions expressed in the survey and the ideas of SOT members in mind, it seems worthwhile to consider recent SOT initiatives in outreach and new directions that might receive priority. SOT now sponsors a Public Communications Award, and a Contributions to Public Awareness of the Importance of Animals in Toxicology Research Award. Recognizing the commitment necessary for scientists to effectively present the value of toxicology to society encourages us all to undertake these efforts. The Congressional Science Fellow program is an excellent example of an opportunity for SOT Members to contribute to public policy development. These one-year placements provide the time for scientists to learn enough about the people and processes on Capitol Hill to elevate the profile of toxicology. This is an arena where advocacy for the basic principles of toxicology is crucial to assure a positive impact of SOT on legislation and regulatory oversight.

Finally, what new directions might we take to further our contributions to outreach? Enhancing the role of regional chapters in public communication and education is a promising direction. A good starting point may be to facilitate communication between regional chapters and Council or delegated committees. SOT might assemble an overview of outreach activities that regional chapters can offer to community organizations and schools. Broader appreciation of these efforts affirms a good investment of time and resources, and inspires others to find ways to contribute to outreach.

While SOT can facilitate outreach through awards, committee and regional chapter activities, positive SOT member attitudes towards the information needs of the public are probably the richest resource. Take the time to carefully consider public questions and concerns. Respond at the technical level most likely to reach the audience. Public confidence in our commitment to serve their interest sets the stage for success in outreach.

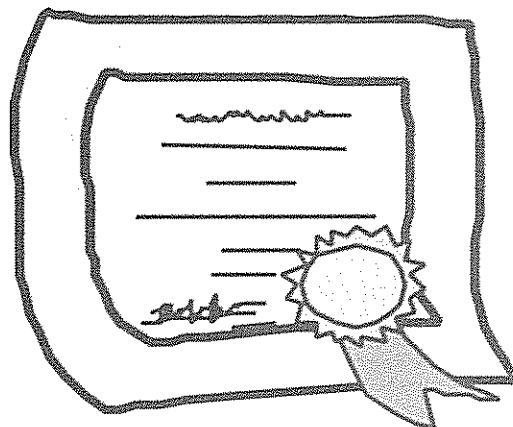
Lawrence R. Curtis, was the 1999-2000 Chairperson of the SOT Membership Committee.

Contributions Sought To Endow Dave Rall Award for Advocacy in Public Health

The American Public Health Association (APHA) has decided to honor the late **David P. Rall, M.D., Ph.D.** with a new high-profile award recognizing outstanding contributions in science-based advocacy. The Rall Award for Advocacy in Public Health is in tribute to David P. Rall, M.D., Ph.D., who brought scientific research to bear on policy making in environmental health.

The Alliance To End Childhood Lead Poisoning is sponsoring this award to mark Dr. Rall's enormous contributions to environmental health and lead poisoning prevention. As the sponsor of the Rall Award, the Alliance is responsible for raising \$50,000 to endow this award in perpetuity. In addition to universities, unions, SOT and other organizations, the Alliance is seeking contributions from the many individuals who were colleagues, friends, and admirers of Dave Rall. To contribute to the Rall Award Endowment, visit the Alliance's Web site at www.aeclp.org or call (202) 543-1147 for more information. Please forward this information to others who might like to contribute.

The first Rall Award for Advocacy in Public Health will be presented at APHA's Annual Meeting in November, 2000. The honoree will receive a \$1,000 cash award plus a travel allowance and complimentary registration to attend APHA's Annual Meeting.



A Midterm Report from Your SOT Congressional Science Fellow

Submitted by H. B. "Skip" Matthews



As reported in the spring *Communique* I am spending most of my time as an SOT Congressional Fellow with the Office of Pest Management Policy (OPMP)

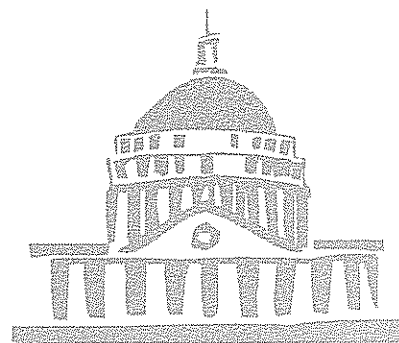
in the Department of Agriculture. OPMP focuses primarily on the need for safe and effective chemicals to protect crops from insects, fungi and weeds. In this role we interact extensively with US EPA to provide perspective for legislative and regulatory discussions regarding pesticides. In order to weigh the concerns of both sides, we also interact with growers groups, agricultural trade organizations and representatives of chemical companies that produce and market pesticides. Since I received my Ph.D. in insecticide toxicology this assignment, in many ways, brings my career full circle. Now I am busy relearning much of what I have forgotten in the "relatively" short time since I received my degree.

Through my work with OPMP I have been pleased to learn that the volume of pesticide use in the US has decreased significantly over the past 20 years. Further, the greatest decrease has been in the two most toxic and carcinogenic classes of pesticides, insecticides and fungicides. The use of herbicides has remained more constant because of increased mechanization and "no-till" farming, but the general safety of pesticides continues to increase as some of the older more toxic chemicals are removed from the market and innovative new methods of pest control are being implemented.

OPMP has a talented and highly motivated staff with a broad spectrum of scientific expertise, but they lack expertise in toxicology. Therefore, my work with OPMP consists primarily of serving as a resource in toxicology. I interact extensively with OPMP staff to address individual questions regarding the toxicity and carcinogenicity of pesticides. I also spend a good deal of time reviewing background documents and literature on pesticides in order to prepare summaries of the most relevant toxicological data. My comments have been incorporated into a number of OPMP responses to US EPA regarding the re-registration of pesticides under the Food Quality Protection Act (FQPA).

As mentioned in the spring, OPMP has given me the freedom to interact with congressional committees, individual congressional offices and other government agencies. Thus, I have also been working to establish liaisons with congressional offices and committees and with other federal agencies. To date, I have established contacts in the Senate and House Agriculture Committees, the House Commerce Committee, and a couple of congressional offices. I have also worked with the US EPA and with the General Accounting Office (GAO). Most of my work outside OPMP has been with the GAO. Like the OPMP the GAO group with which I have been working has excellent people, but little expertise in toxicology. Thus my role with the GAO has been to serve as a resource in toxicology to review documents they have prepared and to critique background material they are using to prepare a review of US EPA enforcement of the FQPA.

Finally, please rest assured that I have not neglected the opportunities offered by an extended stay in Washington. It is great to have the opportunity to visit one of the Smithsonian museums, the national gallery or one of the many monuments without feeling I have to see all I can in a limited time. They are all free and, for once, I can view as much or as little as I want and save the rest for another day. In the spring it was a real treat to watch the three species of cherry blossoms as one after another developed from the first bud to spectacular full bloom. Then there are always the Great Falls of the Potomac, Old Town in Alexandria, Central Market on Saturday morning and the Georgetown Flea Market. And there is nothing like the 4th of July on the Capitol Mall. The parade, the food, the music and the fireworks were all wonderful. As anticipated, the crowd was big, 500-600 thousand, but was more orderly and polite than I had anticipated. The crowd was never a problem, until we all tried to leave at once, and that only lasted 20 or 30 minutes. I would recommend anyone who has the opportunity to spend a July 4th in Washington. In the meantime, as you can probably tell, I am enjoying my year here. I also invite you to drop by when you are in town. Just give me a call (202) 720-3481 or e-mail (smatthews@ars.usda.gov) so we can coordinate our schedules.



COUNCIL HIGHLIGHTS

Following are highlights of the June and July Council Meetings

- 1 The Specialty Sections, Committees and the Women in Toxicology Working Group recommended changes to the new Long-Range Plan were approved by Council. The new Long-Range Plan will be available on the SOT Web site for the memberships' comments and will be published in the 2000-2001 Membership Directory as a work in progress.
- 2 Representatives of Council met with **Dr. Ellie Ehrenfeld** at NIH, to discuss including "pathobiology/toxicology sciences" within one of the proposed IRG study session categories. NIH will submit an article for publication in the *Communiqué* regarding NIH's new approach to IRGs.
- 3 Council approved the 2001 Annual Meeting registration fees. The early-registration fees are set at a break-even-point for expenses.
- 4 Council approved the proposed 2000-2001 annual budget. The Finance Committee developed the budget with input from the various Committees.
- 5 Council approved the proposed memorandum of agreement between the Toxicology Education Foundation and the Society.
- 6 Councilors agreed to utilize electronic Council binders for the dissemination of Council materials in an effort to save approximately \$9,000 in material and postage expense.
- 7 Council approved allowing exhibiting companies the opportunity to host workshops during the Annual Meeting. These workshops will be one-hour in duration and will not conflict with CE courses, the Plenary Lecture or the Annual Business Meeting. A \$100 administrative fee will be charged for each one-hour meeting.
- 8 Council approved a two-year rolling contract with Association Innovation and Management, Inc. for the continued management of the Society's administrative services.
- 9 Based on the Membership Committee's recommendation, Council approved changing the requirements for student membership status. The new requirement is the applicant may be either a full-time or part-time student in a graduate program. However, a person can not qualify for student status for more than 10 years.
- 10 Council approved casting the Society's vote in favor of granting IUTOX membership to the Latin American Association of Toxicology.

AWARDS

Specialty Section Student Awards Deadlines

Most SOT Specialty Sections offer awards to graduate students who present research papers at the SOT Annual Meeting.

Requirements and deadlines vary among the Specialty Sections. Students may submit an application to one Specialty Section only.

For Details

A list of the Student Specialty Section Awards and application requirements can also be found on the Sponsored and Student Awards section of the SOT Web site (www.toxicology.org).

The first deadlines are **October 1** for the *In Vitro* Specialty Section and **October 8 (extended to Oct. 15 this year)** for the Carl Smith Award (Mechanisms).

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 **Patricia Strong** at SOT Headquarters no later than **December 1, 2000**. Space will be assigned on a first-come, first-served basis after SOT scientific and social programs have been accommodated. If you have any questions, please contact Patricia Strong at patricia@toxicology.org, or (703) 438-3115, Ext. 311.

2001 SOT Exhibitors — Informational Meetings

SOT has designed a special Ancillary Meeting form for all Exhibiting Companies that would like to hold informational sessions during the SOT Annual Meeting. Please contact **Clarissa Russell Wilson** at clarissa@toxicology.org, or (703) 438-3115, Ext. 326.