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PRESIDENT'S MESSAGE

As the SOT President for 1996-97, it is my privilege to bring this and subsequent messages to the Society's membership. As was promised to you by Jack Dean in the November/December 1995 issue of the Communiciqué, it is my intent to focus on some of the detailed thinking underlying the Society's Horizons 2000 long-range plan unveiled in that issue. It is both my firm belief as well as that of Council, that the ultimate implementation and success of Horizons 2000 will be realized only if the membership believes itself to be a critical stakeholder of the plan.

Before getting into the details of the plan in subsequent messages, I believe it is first necessary to address the issue of why the need for a long-range strategic plan at all. The fundamental answer to this question rests in the recognition that the discipline of toxicology, like all other things in life, exists in the context of a rapidly changing and increasingly global world. If the Society is to continue to enjoy the enormous growth and success it has experienced in the past decade, it must continually be attentive to the nature and scope of the changing pressures that are likely to influence the practice of our discipline. Because the Society leadership rotates on an annual basis, it is ever more important that a "roadmap" be in place to provide a clear sense of continuity and strategic direction for the Society.

What are some of the challenges and opportunities facing the SOT in the coming years? First, in recent years toxicology has experienced phenomenal growth in understanding the mechanistic principles and biology that underpin our basic toxicology adage "the dose makes the poison." It is essential for the SOT to provide proactive leadership that ensures the continued quality and progress of our science and training activities across the diversified sectors of our membership. Success in this arena mandates focused attention on rapidly occurring changes in the sources of research funding, the vehicles necessary for effective communication of science (e.g., electronic publishing), and lastly, the nature of employment markets for toxicologists.

A second basic issue facing the Society is that the product of our endeavors, science, is a foundational element to the process of risk assessment. As has been emphasized in a recent article by Robert Neal and John Doull (The Discipline of Toxicology, FAAT 24:151-153, 1995), the principles and science knowledge that emerge from the discipline of toxicology must be applied to the development of scientifically credible risk decisions. Thus, as the science of toxicology continues its rapid evolution, the SOT must encourage and foster mechanisms that enable creative and appropriate application of our science to improve the confidence of the public and policy makers in the quality of toxicologically-based risk evaluations.

Closely linked to the issue above is the recognition that the public, which includes members of legislative bodies, has not only rapid access to, but also demonstrated interest in (and one might add, sometimes confusion around), issues emerging from the practice of toxicology. In this context, the Society must identify mechanisms that can leverage our limited resources to improve public understanding of issues involving toxicology. A distinctive challenge facing us as we address this issue will be to, as recently stated in an editorial by the physician and former Secretary of Health and Human Services, Louis Sullivan, (Los Angeles Times, 4/1/96) commenting on communication of toxicity issues to the public, "do not needlessly alarm."

The successful refinement and implementation of the Horizons 2000 strategic plan can only be helped by feedback and direct involvement from as many members as possible from the Society. Your comments on the plan presented in the November/December 1995 Communicqué are welcomed; a copy of the plan can also be obtained on the SOT Internet Home page (www.toxicology.org). Through the efforts of a committed membership, the health of the SOT is as strong as ever. With continued careful planning and implementation, the Council is looking to steer the Society to bright and prosperous horizons.

Sincerely,

James S. Bus, Ph.D.
President
Toxicology Education Foundation Activities

TOXICOLOGY EDUCATION FOUNDATION PROMOTES K-12 SCIENCE PROGRAM

True to its mission, the TEF is busy promoting toxicology at all levels of education. The SOT Southern California Chapter, led by Anne DePeyster, organized a high school science teacher program, funded by TEF and NIEHS at this year's Annual Meeting in Anaheim. A one-day program was entitled “Paracelsus Goes to High School: Toxicology and Environmental Health Sciences for High School Students.” Between 75-100 science teachers from Southern California participated in sessions on toxicology and environmental health science. Attendees discussed classroom materials for middle and high school students and evaluated new computer based curricula designed to enhance K-12 science education. These curricula were developed with grant support from NIEHS, a co-sponsor of the session. The aim of the teacher program is to further awareness about toxicology and the value of biological sciences to students with the goal of promoting interest of students in the field of toxicology. TEF will continue to support the K-12 high school science teacher programing in the future and hopes to hold similar programs at upcoming annual meetings.

FOUNDATION PROVIDES $15,000 IN RASS FUNDING

The Toxicology Education Foundation recently approved $15,000 in funding to be provided over a six-year period, to the IUTOX Risk Assessment Summer School (RASS). This funding will allow students from developing countries to attend the RASS Program. The RASS Program offers young toxicologists unique opportunities to broaden their knowledge and experience in the field of chemical risk assessment and to achieve a better understanding of the data evaluation process. This year’s program will be held from August 30 - September 8, 1996, Royal Garden Village in Hua Hin, Thailand. (For more information about RASS contact RASS Secretariat, Malmörs Consulting AB, Västmanlandsgatan 48, S-113 25 Stockholm, Sweden, Telephone: +46 8 31 19 90, Fax: +46 8 30 11 33.)

FOUNDATION SENDS MEMBER OF THE MEXICAN SOT TO THE ANNUAL MEETING

The Toxicology Education Foundation provided a $1,000 travel award to a member of the Sociedad Mexicana de Toxicologia to attend the 1996 Annual Meeting. Future joint activities between SOT and the Mexican Society are also planned.

ABOUT YOUR FOUNDATION

Formed in 1990, the Foundation was created to help assure that vital activities in toxicology education continue and to encourage and facilitate the education and training of individuals in the science of toxicology. Income generated by the Foundation is used solely to achieve its educational goals and for increasing the capital assets of the Foundation. It’s success depends primarily on the support of SOT members. As toxicity professionals, SOT members who support the Foundation

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Task Force Formed To Improve The Scientific Basis For Risk Assessments

In early 1995, the Council of the Society of Toxicology undertook the development of a long-range plan to provide vision and direction for future activities of the Society. The overall vision statement indicated that “the Society is to be the leading organization worldwide for stimulating state-of-the-art science in toxicology; translating and communicating the results of scientific investigations to members, media, government and the public; promoting sound regulatory practice and policy; and representing the scientific and professional interest of its members.” Strategic initiatives were developed that addressed perceived trends facing the Society over the next five years and beyond. Thus, the long-range plan was dubbed “Horizon 2000.”

The highest priority strategic initiative that emerged from this plan was the “Need for Basic and Applied Research to Improve Risk Assessment.” Council developed tentative action steps to be taken over the next five-year period for implementing activities under this initiative. One of the tasks for the first year was to establish a task force to identify and coordinate action steps. Council established the Task Force in January, 1996, to improve the scientific basis for risk assessment. The Task Force held its first meeting on March 9th.
MEETINGS OF INTEREST

GORDON CONFERENCE
MECHANISMS OF TOXICITY
HENNIKER, NEW HAMPSHIRE, JULY 28 - AUGUST 2, 1996

This summer the Toxicology Gordon Research Conference will be held at New England College in Henniker, New Hampshire, from July 28 through August 2, 1996. The overall theme of the conference is Cellular and Molecular Responses to Environmental Stress.

The Society of Toxicology is particularly committed to providing graduate students and postdoctoral fellows an opportunity to attend and interact with leading scientists in cellular and molecular toxicology and funding is available to supplement registration and travel expenses. Each SOT member is encouraged to strongly consider including this conference in his/her summer agenda. Attendance is limited to 135 individuals and applications will be accepted as they are received.

Please contact the conference chair, Dr. William Greenlee; (508) 856-2151, Fax (508) 856-5080, E-mail: wgreenlee@banyan.unmec.edu for additional information or the procedure for applying for supplemental support.

Mechanisms Session Scheduled for the Toxicology Forum - Summer 1996

The Society of Toxicology is co-sponsoring a one-half day session at the summer meeting of the Toxicology Forum entitled The Importance of Mechanistic Data in Toxicological Risk Evaluation and Regulatory Decision Making. The session, to be held during the July 7-12 Toxicology Forum in Aspen, Colorado, is organized by SOT members James Bus and Lewis Smith, and will involve participants from international, regulatory, academic and industrial institutions.

The session also will address the important theme that incentives to conduct mechanistic toxicology investigations may be compromised if the research results cannot find meaningful applications within the regulatory decision-making process.

The scientific session will present a series of five examples of how mechanistic toxicology data can be used to improve the scientific judgment underpinning regulatory decisions.

Mechanistic topics and associated speakers at the session include:
1) Mouse-specific liver porphyria with an agricultural chemical, A. Brady, Zeneca, UK;
2) Integration of genotoxicity, rodent cancer and hepatic P450 findings for assessing human risk of niotomusk perfume ingredients, L. Lehe- man-McKeeman, USA;
3) Thyroid toxicity issues for fibrate drugs, E. Harpur, UK;
4) Issues surrounding ochratoxin food contamination, D. Miller, Canada;
5) Relevance of ethylene glycol butyl ether rate RBC hemolysis to human risk, R. Corley, USA.

The five scientific presentations will be followed by an in depth panel discussion from representatives of the international scientific and regulatory communities including: C. Berry, UK, J. Bus, USA; P. Fenner-Crisp, USA; A. Samogyi, Germany; L. Smith, UK; and R. Temple, USA.

Forum attendance is limited to 200 participants, and through its single session format is designed to facilitate active audience participation in the session presentations and discussions. Other sessions at the meeting include: 1) Overview of Olestra: Testing and FDA approval; 2) Photo carcinogenesis: Testing Procedures; 3) Antioxidant vitamins - basics, cancer and cardiovascular prevention studies; 4) Neurotoxicology risk assessment; 5) Tamoxifen carcinogenicity evaluations; and 3) Gap junctional intercellular communication in toxicology and risk assessment.

For meeting registration information contact: Ms. Charlene Petty, Toxicology Forum; 1575 Eye St., NW, Washington, DC 20005. TEL: (202) 659-0030, Fax: (202) 789-756; European Oxford Office of the Toxicology Forum: 44 1865 511 833, Fax: 44 1865 54 777.

Toxicology Forum
Summer Meeting
July 7-12, 1996
Aspen, Colorado
Summary of the 5th Workshop on Mouse Liver Tumors Is Available

The International Life Scientists (ILSI) health and Environmental Sciences

The Fifth Workshop on Mouse Liver Tumors Summary Report is now available.

The workshop included discussion on current regulatory interpretations of mouse liver tumors, use of mode of action information in determining the relevance of mouse liver tumors to humans, and comparative analysis of hepatocellular carcinomas in mice and humans.

The workshop featured a public forum for the presentation and discussion of emerging research findings on mouse liver carcinogenesis, identifying areas of consensus regarding interpretation of findings of mouse liver tumors, and suggesting approaches for integrating current information into the risk assessment framework. The workshop was organized by HESI and sponsored by the ILSI Risk Science Institute, U.S. Environmental Protection Agency, National Cancer Institute, National Center for Toxicological Research, National Institute of Environmental Health Sciences, and American Petroleum Institute.

For further information, contact Ms. Gretchen Bretsch at HESI (202) 659-3305, Fax (202) 659-3617, E-mail hesi@dc.ilsi.org.

Do We Have Your E-Mail Address?

Headquarters is getting ready to print the next SOT membership directory. We are currently missing over 50% of members’ E-mail addresses. If your E-mail address wasn’t listed in the last directory, and was not included on your dues renewal form, chances are that we do not have it. If you’d like to include your E-mail address in the next directory, please forward it to: Trish Strong, fax: (703) 438-3113 or E-mail: sothq@toxicology.org, no later than June 15, 1996.

Solicitation for Public Outreach and Education Materials Related to Issues of Toxicology, Product Safety Testing, and the Use of Animals in Biomedical Research

SOT will provide assistance, including possible funding, for dissemination of materials on the above topics. Material should be the product of an educational or not-for-profit organization and be targeted for K-12 education or for the general public and should be complete in final draft form. SOT will be reviewing submitted materials for content and relevance to its mission.

If your organization could benefit from SOT assistance in dissemination of your educational materials, please send four copies to:

SOT Headquarters
(Subcommittee for Community Outreach)
1767 Business Center Drive, Suite 302
Reston, Virginia 22090-5332
Phone: 703/438-3115

Submission deadlines: June 1, 1996 and December 1, 1996

Toxicology Education Foundation Activities

Continued from page 3

contribute directly to the visibility and vitality of toxicology. SOT members are encouraged to send their tax-deductible contributions to the Toxicology Education Foundation.

For further information concerning the methods of contribution, please contact: Toxicology Education Foundation at (703) 438-3115, ext. 324.

Congratulations!!

Mr. Gregory Long
Winner of the 1996 SOT Annual Meeting Free Airline Tickets
Science Shines at 1996 Annual Meeting

The 35th Annual Meeting of the Society of Toxicology, attended by more than 4500 scientists from industry, academia and government, received outstanding evaluation for the quality of science presented. The meeting covered a variety of timely and relevant topics. The program included Continuing Education courses, workshops, roundtable discussions, posters, platform and poster-discussion sessions, symposia, and more than 200 exhibitors.

The Plenary Lecture, with Dr. Peter M. Sandman, discussing "Hazard Versus Outrage: Responding to Public Concerns About Toxics," was particularly popular. The new Awards Ceremony and the 2nd Annual Final Night Reception were attended by over 1500 individuals – an all-time record!

A survey conducted at the 1996 SOT Exhibition revealed the following about the attendants:

Thank You to 1996 Annual Meeting Sponsors

The Society of Toxicology would like to thank the following organizations for their generous sponsorship of activities at the Annual Meeting in Anaheim, California.

The sponsors include:

- Academic Press
- Ani Lytics Inc.
- Charles River Laboratories
- Corning Hazleton Laboratories
- Eli Lilly and Company
- Experimental Pathology Laboratories, Inc.
- Exxon Biomedical Sciences, Inc.
- Harlan Sprague Dawley
- Hazleton Alumni
- National Institutes of Health
- The Procter & Gamble Co.
- Quintiles Pre-clinical Services
- Rhone Poulenc Rorer
- RJ Reynolds
- RW Johnson Pharmaceutical Company
- Sanofi Winthrop Inc.

Products of Interest to the Attendees

1996 Minority Student Programs a Huge Success!

The Minority Student Programs were again highly attended and well received by minority students, advisors and SOT host/mentors at the SOT Annual Meeting in Anaheim. A total of 35 students and six advisors were supported by a grant from NIH through the MARC program, the R.W. Johnson Pharmaceuticals Research, and the Society of Toxicology; 27 toxicologists kindly served as host/mentors for the students and advisors. Programs in Anaheim included (1) Attendance at a Continuing Education Course; (2) an Educational Program for Minority Students on Sunday afternoon that was attended by 250 people, and (3) a Poster Session for Visiting Students on Monday morning.
Plenary speaker, Peter Sandman, attracted a large crowd when he spoke on "Hazard vs. Outrage: Public Concerns About Toxics."

Past President Meryl Karol presents the Merit Award to Gabriel Plaa.

Mary Davis presents the Achievement Award to Kenneth Ramos.

Jay Goodman presents the Public Communications Award to Bruce Ames.

Jim Swenberg presents the Arnold J. Lehman Award to John Rosen.

Debra Laskin presents the Education Award to Robert Snyder.

1995 SOT Honorary Member Gertrude Elion (left), 1996 SOT Honorary Members Sten Orrenius (middle), and Dennis Parke (right) are presented with plaques by President Jack Dean.
# 1996 Award Recipients

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<tr>
<th>AWARD</th>
<th>RECIPIENT</th>
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<tr>
<td>Public Communications</td>
<td>Bruce N. Ames, UC/Berkeley, CA</td>
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<tr>
<td>Education</td>
<td>Robert Snyder, Environmental Occupational Health Institute, Piscataway, NJ</td>
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<tr>
<td>Achievement</td>
<td>Kenneth S. Ramos, Texas A &amp; M University, College Station, TX</td>
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<tr>
<td>Arnold I. Lehman</td>
<td>John F. Rosen, Albert Einstein College of Medicine, Bronx, NY</td>
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<td>Mert</td>
<td>Gabriel L. Plaa, Universite de Montreal, Montreal, Canada</td>
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<tr>
<td>Board of Publications Awards for the Best Paper in <em>Fundamental and Applied Toxicology</em></td>
<td>B.C. Allen, R.J. Kavlock, C.A. Kimmel and E.M. Faustman</td>
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<td>CIBA-GEIGY</td>
<td>Russell Thomas, Colorado State University, Ft. Collins, CO</td>
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<td>Hoffmann-La Roche</td>
<td>William Salminen, University of Florida, Alachua, FL</td>
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<td>Procter &amp; Gamble</td>
<td>Weston Porter, Texas A &amp; M University, College Station, TX</td>
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<tr>
<td>Colgate-Palmolive Visiting Professorship</td>
<td>University of Mississippi Medical Center, Jackson, MS</td>
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<td>Visiting Professor: Tetsuo Satoh</td>
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<td></td>
<td>University of Illinois at Urbana-Champaign, IL</td>
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<td>Visiting Professor: Julio Davila</td>
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<td>Washington State University, Pullman, WA</td>
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<td>Visiting Professor: Daniel Acosta</td>
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<td>Mississippi State University, MS</td>
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<td>Visiting Professor: Michael Holsapple</td>
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<td>Burroughs Wellcome</td>
<td>Christopher Bradfield, Northwestern University, Chicago, IL</td>
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<td>Bennett Van Houten, University of Texas Medical Branch, Galveston, TX</td>
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<tr>
<td>Zeneca, Ltd. Traveling Lectureships</td>
<td>Rick G. Schnellmann, University of Arkansas, Little Rock, AR</td>
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<td>James P. Kehrer, University of Texas, Austin, TX</td>
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1996 Graduate Student Travel Award Recipients

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<tr>
<th>Name</th>
<th>Institution, Location</th>
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<tr>
<td>Lourdes Bablionea</td>
<td>Ponce School of Medicine, Ponce, PR</td>
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<tr>
<td>Cephas Burton</td>
<td>Northeast Louisiana University, Ponce, PR</td>
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<tr>
<td>Rita M. Berberian</td>
<td>University of Michigan, Ann Arbor, MI</td>
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<tr>
<td>Tiffany Brabham</td>
<td>University of Michigan, Ann Arbor, MI</td>
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<tr>
<td>Alison K. Brown</td>
<td>University of Alabama, Birmingham, AL</td>
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<tr>
<td>Michael D. Brown</td>
<td>Colorado State University, Ft. Collins, CO</td>
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<tr>
<td>Mark B. Carter</td>
<td>University of New Mexico, Albuquerque, NM</td>
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<tr>
<td>Kimberly Ciesiak</td>
<td>State University of NY, at Buffalo</td>
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<tr>
<td>Michele T. Debeta</td>
<td>University of New Mexico, Albuquerque, NM</td>
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<tr>
<td>Deepak Dhruva</td>
<td>Long Island University, Brooklyn, NY</td>
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<tr>
<td>Taylor Dowsey</td>
<td>Queen's University, Ontario, Canada</td>
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<tr>
<td>Joseph A. Dybowski</td>
<td>University of Michigan, Ann Arbor, MI</td>
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<tr>
<td>Heidt J. Einolf</td>
<td>Purdue University, West Lafayette, IN</td>
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<tr>
<td>Osama S. El-Tawil</td>
<td>UMDNJ Medical School, Newark, NJ</td>
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<tr>
<td>Ann Z. Elliott</td>
<td>University of Wisconsin, Madison, WI</td>
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<tr>
<td>James G. Falls</td>
<td>North Carolina State University, Raleigh, NC</td>
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<tr>
<td>Lara K. Frizzell</td>
<td>West Virginia University, Morgantown, WV</td>
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<tr>
<td>Takashi T. Fujii</td>
<td>Oregon State University, Newport, OR</td>
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<tr>
<td>Lisa A. Geiselhart</td>
<td>Albany Medical College, Albany, NY</td>
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<tr>
<td>Bradley E. Gillesby</td>
<td>University of Western Ontario, Ontario, Canada</td>
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<tr>
<td>Andrea J. Gonzales</td>
<td>University of North Carolina, Raleigh, NC</td>
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<tr>
<td>Alberto Gonzalez-Leon</td>
<td>Battelle Pacific NW Labs, Richland, WA</td>
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<tr>
<td>Cynthia Graham</td>
<td>University of Pittsburgh, Pittsburgh, PA</td>
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<td>Laura A. Gumprecht</td>
<td>University of Illinois, Urbana, IL</td>
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<tr>
<td>Tai Liang Guo</td>
<td>Albany Medical College, Albany, NY</td>
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<tr>
<td>Anne Harman</td>
<td>Philadelphia College of Pharmacy &amp; Science, Philadelphia, PA</td>
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<tr>
<td>Emiko Hatcher</td>
<td>University of North Dakota, Grand Forks, ND</td>
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<tr>
<td>Carrie L. Hayes</td>
<td>Johns Hopkins University, Baltimore, MD</td>
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<td>Ming He</td>
<td>University of Cincinnati, Cincinnati, OH</td>
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<tr>
<td>Amy C. Herring</td>
<td>Michigan State University, East Lansing, MI</td>
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<td>Margaretmary Ikaidi</td>
<td>Florida A&amp;M University, Tallahassee, FL</td>
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<td>Rashi S. Iyer</td>
<td>University of Texas, Houston, TX</td>
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<td>Ilona K. Jaspers</td>
<td>NYU Medical Center, Tuxedo, NY</td>
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<tr>
<td>Jacqueline Jordan</td>
<td>University of Kentucky, Lexington, KY</td>
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<td>Anmita Kanti</td>
<td>University of Georgia, Athens, GA</td>
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<td>Julie K. Kaster</td>
<td>University of Utah, Salt Lake City, UT</td>
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<tr>
<td>Cynthia A. Ketchum</td>
<td>Indiana University School of Medicine, Indianaopolis, IN</td>
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<tr>
<td>Kyle Kolaja</td>
<td>Indiana University School of Medicine, Indianaopolis, IN</td>
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<td>Susan Laessig</td>
<td>University of Maryland, Baltimore, MD</td>
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<td>Amy L. Lavin</td>
<td>University of Rochester, Rochester, NY</td>
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<td>Neda L. Leonard</td>
<td>University of Kansas Medical Center, Kansas City, KS</td>
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<td>Weiquan W. Lin</td>
<td>Duke University, Durham, NC</td>
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<td>Jing To Liu</td>
<td>Northeast Louisiana University, Monroe, LA</td>
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<td>G. Craig Llewellyn</td>
<td>Medical College of Virginia, Richmond, VA</td>
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<td>Karen K. Mann</td>
<td>Boston University Medical Center, Boston, MA</td>
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<td>Joanna Matheson</td>
<td>NYU Medical Center, Tuxedo, NY</td>
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<td>John McCants</td>
<td>University of Mississippi, University, MS</td>
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<td>Richard T. Miller</td>
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<td>Julie L. Morais</td>
<td>University of Colorado, Denver, CO</td>
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<td>Debbie J. Mustich</td>
<td>Oregon State University, Corvallis, OR</td>
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<td>Ricardo C. Nario</td>
<td>University of Connecticut, Storrs, CT</td>
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<td>Sara K. Nauhaus</td>
<td>Duke University, Durham, NC</td>
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<td>Hossein Niknahad</td>
<td>University of Toronto, Ontario, Canada</td>
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<td>Ying-Ching Ou</td>
<td>University of Washington, Seattle, WA</td>
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<td>Dana Pedersen</td>
<td>Northeastern University, Boston, MA</td>
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<td>Kathleen Phillips</td>
<td>Medical College of VA, Richmond, VA</td>
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<td>Philip Pokorski</td>
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<td>Stephanie Powlin</td>
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<td>Elizabeth Reifel</td>
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<td>Shamin M. Rangwala</td>
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<td>Lizette Santos</td>
<td>Ponce School of Medicine, Ponce, PR</td>
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<td>Ritu Singh</td>
<td>Rutgers University, Piscataway, NJ</td>
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<td>Jay Sirioi</td>
<td>Michigan State University, E. Lansing, MI</td>
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<td>Brian P. Sleczek</td>
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<td>Geoff W. Smith</td>
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<td>Xiaou Song</td>
<td>Virginia Tech, Blacksburg, VA</td>
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<td>Jun Tang</td>
<td>Mississippi State University, Mississippi State, MS</td>
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<td>Michelle C. TenPas</td>
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<td>James Tolson</td>
<td>University of Florida, Gainesville, FL</td>
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<td>Crystal D. Turner</td>
<td>Mt. Sinai Medical Center, New York, NY</td>
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<tr>
<td>Luis G. Valerio Jr.</td>
<td>University of Colorado Health Sciences, Denver, CO</td>
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<td>Hulien Wang</td>
<td>University of Utah, Salt Lake City, UT</td>
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<td>Shayla L. Waters</td>
<td>University of Arkansas, Little Rock, AR</td>
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<td>Ohio State University, Columbus, OH</td>
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<tr>
<td>Yi Zhan</td>
<td>W. Alton Jones Health Science Center, Lake Placid, NY</td>
</tr>
<tr>
<td>Liyan P. Zhang</td>
<td>University of Florida, Gainesville, FL</td>
</tr>
<tr>
<td>Feng Zhao</td>
<td>Texas A&amp;M University, College Station, TX</td>
</tr>
<tr>
<td>Mefen Zhao</td>
<td>University of New Mexico, Albuquerque, NM</td>
</tr>
</tbody>
</table>
Cliff Elombe (center) with Zeneca Traveling Lectureship Award winners, Rick G. Schnellmann (left) and James P. Kehrer (right).

Vice President-Elect, Mike McClain poses with Fundamental & Applied Toxicology Best Paper Award winners, Carol Kimmel, Elaine Faustman, Bruce C. Allen, and Robert J. Kavlock.

Outgoing President Jack H. Dean passes the gavel to incoming President James S. Bus.

Dan Bagley congratulates Colgate-Palmolive winner I.K. Ho.

Colgate-Palmolive Award winners, Marc Fariss (center) and Dan Acosta (right) pose with Dan Bagley (left).

Dan Bagley congratulates Colgate-Palmolive Award winners, Thomas Earell and Professor Julio Davila.

President Dean presents plaques of appreciation to outgoing Council Secretary, Jay Goodman (left), and outgoing Councilors Debra Laskin (center) and Jim Swenberg (right).
Gertrude Elion congratulates Burroughs Wellcome Award winner Chris Bradfield.

Robert A. Roth presented the Burroughs Wellcome Lecture.

SOT attendees enjoyed mingling with colleagues and friends at the Final Night Reception.

A large audience attended this year’s Award’s Ceremony, where Gary Williams (left) and Bruce Ames (right) presented the Awards Lecture.

Over 4500 toxicologists attended the 1996 Annual Meeting.

Companies displayed their equipment and services in over 240 booths.
FUTURE ANNUAL MEETINGS

CINCINNATI USA

Mark Your Calendars
March 9-13, 1997

Abstract Deadline is October 1, 1996!
Forms will be mailed with the July/August Communiqué.

Exhibit space is going fast!
Contact Clarissa Russell for further information
(703) 438-3115, Ext 326.

1997 Satellite Meetings
Each year the Society of Toxicology endorses several satellite meetings to be held in conjunction with their Annual Meeting. Satellite meetings are organized around scientific topics related to toxicology and are scheduled at the end of the Society’s program. The 1997 satellite meetings will be held in and around the Cincinnati area. Proposals for the 36th Annual Meeting should be sent to Dr. R. Michael McClain, Hoffmann-La Roche Inc., Pre-clinical Development Admin., 340 Kingsland St., Nutley NJ 07110. All proposals are due by July 31, 1996.

Graduate Student Volunteers Sought for 1997 Continuing Education Courses

The Society of Toxicology Continuing Education Committee is soliciting graduate student volunteers to assist with the continuing education courses for the 1997 SOT Annual Meeting.

Three students will be needed for each course. Responsibilities include attendance at an orientation meeting the evening before the Sunday courses along with some preparation of materials, collection of admission tickets, distribution of course material, and collection of course evaluation forms.

Of course, students will not be charged for attending the course and will receive a complimentary lunch.

INTERESTED STUDENTS SHOULD CONTACT:

Dr. Ron Hines
Dept. of Pharmacology
Wayne State University School of Medicine
540 East Canfield Avenue
Detroit, MI 48201-1998
(313) 577-8602
Fax (313) 577-6739
E-mail rhines@cmb.biosci.wayne.edu

ALL ROADS LEAD TO NASHVILLE...

Opryland USA has been selected as the site for the 41st Annual Meeting. The site was selected because of its central location to most major cities, reducing travel costs for SOT and its members. In addition, meeting rooms will be in one location making all sessions easily accessible. The dates of the 41st Annual Meeting are March 16-21, 2002.

The Opryland hotel is 2,800 rooms of southern hospitality at it’s greatest, encompassing 4.5 acres of unique indoor water gardens, 15 restaurants, 22 shops, and the Delta, another 4.5 acre enclosed dome soaring 15 stories in the air. Other places of interest in Nashville are the Springhouse Golf Club, the Grande Ole Opry, Opryland Theme Park, Nashville On Stage, and the Ryman Auditorium, home of the Grand Ole Opry from 1943-1974.

The Southern Delta at the Opryland Hotel Convention Center.

IN THE YEAR 2002!
National Capital Area Chapter News

At its winter meeting, held December 14, 1995, the National Capital Area Chapter sponsored a symposium on Neurotoxicity: Science and Risk Assessment at George Washington University Medical School in Washington, DC. The meeting was presented in association with the Association of Government Toxicologists, the National Capital Area Chapter of the Society of Risk Analysis, and the Chesapeake Chapter of Sigma Xi.

The program began with a welcome from Dr. Harry Salem, the chapter president. The morning session was focused on scientific perspectives in neurotoxicity. The afternoon session focused on neurotoxicity risk assessment issues. The program concluded with a lively panel discussion and question and answer session between the speakers and the audience. A short business meeting followed. On behalf of the chapter and the meeting attendees, Dr. Keller was thanked for organizing this successful symposium.

At the January 30, 1996 Executive Committee meeting, the Chapter finalized arrangements for a Student Award in the amount of $1000 to honor the Chapter's Immediate Past-President. This year, the award is in honor of Dr. Robert J. Rubin of the Johns Hopkins University School of Hygiene and Public Health. It was presented to two students: Ms. Carrie L. Hayes for her Society of Toxicology paper entitled "Human cytochrome P450 (CYP1B1) is a low Km 17α-estradiol (E2) 4-hydroxylase," coauthored by D.D. Spink, B.C. Spink, J.Q. Cao and T.R. Sutter; and Ms. Xiufen Liu for her paper "Oxygen Toxicity in S. Cerevisiae," coauthored by V. Cuolotta. Both recipients are with the Division of Toxicological Sciences at the Johns Hopkins University School of Hygiene and Public Health, Baltimore, MD. Each student received a cash award of $500 to defray the cost of attendance at the 1996 SOT Annual Meeting in Anaheim, California. Congratulations to Carrie Hayes and Xiufen Liu.

South Central Chapter

The South Central Chapter Fall meeting will take place at the University of Mississippi in Oxford, MS on September 26-28. The meeting is being organized by Dr. John Matthews and will be held in conjunction with the annual meeting of the Southeastern Pharmacology Society. The theme of the meeting is Advances in Receptor Research. More information about the Fall meeting can be obtained from Dr. John Matthews at the University of Mississippi or from Dr. Laurence Fechter, Chapter Secretary, at the University of Oklahoma Health Sciences Center.

New SOT Chapter Forming

SOT members in the Western New York area have indicated their interest in establishing a new regional chapter. Over 25 SOT members have pledged their support to the fledgling Lake Ontario Chapter, which includes the Province of Ontario adjoining Lake Ontario and the section of New York State west of Interstate 81. An organizing committee made up of individuals from the University of Rochester, Eastman Kodak Company, Xerox Corporation, SUNY at Buffalo, Corning Inc., and Occidental Chemical Corporation, is spearheading the effort. The purpose of the organization is to foster communications among the toxicologists in Western New York, provide a platform for staff interactions, sponsor internship programs for undergraduate students, and sponsor programs on environmental health issues unique to the area. An organizational meeting of scientists from Western New York is tentatively scheduled for May. Anyone interested in learning more about this group is asked to contact Lizette Bonvin, Occidental Chemical Corporation; Jannell Boyd, Corning Inc.; Ray David, Eastman Kodak Company; Michael Greenwood, Xerox Corporation; Jim Olson, SUNYAB; or Bernard Weiss, University of Rochester.
PROGRAM COMMITTEE REPORT

Submitted by Calvin Willhite and Michael McClain, SOT Program Committee

One purpose of a professional scientific organization is to facilitate the exchange of information between its members. At SOT, this function takes several forms, including our newsletters, journals, and annual meeting. Organizing the annual meeting is a year-round affair and those tasks are assigned to the Program Committee. The Program Committee, like all SOT Committees, is an all-volunteer group who donate their time and effort to support the Society. While the most visible annual meeting activities are the featured lectures, the symposia and, yes, the opening night reception and the concluding awards and festive social, the backbone of the annual meeting remains the program’s scientific content.

The strength of the annual meeting flows from the individual research abstracts submitted by the members. Without the 1,783 abstracts submitted for the 1996 Anaheim meeting, there would have been no meeting. It is one of the major tasks of the Program Committee to read, review and sort all of these abstracts and to organize them into sessions (assisted by the subject code numbers that you assign to your abstract) and to accommodate as many of the special requests as possible. While every effort is made in scheduling your abstract into a platform or poster session, some conflicts and, in some cases, a few mistakes seem inevitable, given the sheer volume of submissions. One common exclamation made by SOT members when first startled by their assignment to the Program Committee is, “Wow. I didn’t realize so much was going on!” There is a virtual flood of abstracts, proposals, pre-proposals and ideas that are new every year. And you know what? The SOT would not be as vibrant, attractive and influential as it is without all this activity. In fact, SOT could not survive any other way.

One common question asked of the Program Committee is, “How come my [symposium, workshop, roundtable, issues session] proposal wasn’t selected for this year’s meeting?” Or, “Hey, how come our Specialty Section never gets a chance to have a [symposium, workshop, roundtable]?” To answer these questions, one needs to be familiar with the criteria used by the Program Committee in selecting the particular activities.

Competition is keen (Table 1). As can be seen from the summary, 71 symposium proposals were received for the 1995 and 1996 annual meetings; 35 (44%) were accepted, 30 of which were presented as symposia.

To understand the successful proposal, one must appreciate the fact that it is the scientific content of the proposal upon which it is judged. Without timely topics and absent presenters who are acknowledged leaders in the particular area, there is little chance for success given the stiff competition. Second, the proposal must be focused, well organized and carefully prepared. The SOT form for program proposals has helped to standardize the submissions. Third, it is common that an excellent proposal submitted for one forum (e.g., workshop) may fit better in a different format (e.g., issues session). The Program Committee strives diligently to schedule a wide array of subject matters from more...
# COMMITTEE NEWS

## TABLE 2

**1995/1996 PROGRAM PARTICIPATION BY SPECIALTY SECTION***

<table>
<thead>
<tr>
<th>Section</th>
<th>No. Members (% Total**)</th>
<th>Number of Proposals</th>
<th>Number of Sessions Accepted</th>
<th>Symposia</th>
<th>Workshops</th>
<th>Roundtables</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Symposiums</td>
<td>Workshops</td>
<td>Roundtables</td>
<td>Symposiums</td>
<td>Workshops</td>
</tr>
<tr>
<td>Carcinogenesis</td>
<td>176 (8%)</td>
<td>16</td>
<td>2</td>
<td>0</td>
<td>9</td>
<td>2</td>
</tr>
<tr>
<td>Food Safety</td>
<td>103 (5%)</td>
<td>7</td>
<td>3</td>
<td>1</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>Immunotoxicology</td>
<td>157 (7%)</td>
<td>7</td>
<td>1</td>
<td>0</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Inhalation</td>
<td>161 (7%)</td>
<td>7</td>
<td>1</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>In Vitro</td>
<td>101 (5%)</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Mechanisms</td>
<td>311 (14%)</td>
<td>16</td>
<td>1</td>
<td>1</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td>Metals</td>
<td>90 (4%)</td>
<td>3</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Molecular Biology</td>
<td>104 (5%)</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>Neurotoxicology</td>
<td>180 (8%)</td>
<td>6</td>
<td>3</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Regulatory &amp; Safety</td>
<td>258 (12%)</td>
<td>6</td>
<td>5</td>
<td>0</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Evaluation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reproductive &amp;</td>
<td>176 (8%)</td>
<td>4</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Developmental</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Risk Assessment</td>
<td>297 (13%)</td>
<td>10</td>
<td>8</td>
<td>4</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Veterinary</td>
<td>92 (4%)</td>
<td>5</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>3</td>
</tr>
</tbody>
</table>

*These numbers do not correspond to the numbers in Table 1 because many proposals are sponsored by more than one Committee or Specialty Section.

**Percentages given are those calculated from total Specialty Section membership (2,206).

Continued from page 14

... molecular biochemistry to use of toxicologic data in the courts, in regulation and in public risk communication. The broad scope of the science of toxicology makes it difficult to cover all aspects in sufficient detail in the one week annual meeting. The end result is a program fully packed with a wide variety of current issues and scientific topics, often with a difficult choice of what to attend.

The Specialty Sections provide the majority of the program proposals (Table 2) and are to a large extent responsible for the quality of our scientific programs. Proposals can also come from individual members or other groups; however, endorsement and sponsorship by one or more of the Specialty Sections is useful. The SOT Committees have been busy as well. The Regulatory Affairs and Legislative Assistance Committee has a perfect record; over the past 2 years, they have 2 workshop submissions and one roundtable - all presented as requested. The Animals in Research Committee formulated 1 symposium and 2 workshops, of which both workshops were selected. Other committees and sponsors which have also been successful include the SOT Committee on Public Communications, SETAC, and the Roundtable of Toxicology Consultants. Some of the successful proposals don't even have any sponsors at all - just a timely topic (1995 Symposia: Mechanisms of Inflammatory Liver Injury; Toxicant-Induced Alteration of Gene Expression).

For the past 2 years, a total of 100 submissions were received from all sources. The largest number of proposals were targeted as symposia (71 proposed, 35 accepted). The number of workshops (22 proposed, 13 accepted) and roundtables (7 proposed, 3 accepted) were equally competitive. In general, the larger the Specialty Section, the larger the number of total submissions. The Program Committee tries to make sure that each of the Specialty Sections have submitted proposals are represented in the final program; overall 40-50% of the Specialty Section proposals were accepted. There are a limited number of program slots and one of the more difficult decisions for the Program Committee is to make the final decisions among several quality proposals. In some cases, good proposals that can't be fit into the meeting program may be recommended to the Continuing Education Committee. For others, the Program Committee will try to provide comment back to the Specialty Sections on good proposals that could not be accommodated in the current year and will suggest submission the following year.

Sometimes SOT members question why they should volunteer for an SOT Committee - particularly the Program Committee. Why take up your time for those chores when you could be doing something else? Where else could you meet such a case of characters?! Once you are infected with SOT's energy and the wonderful and talented people, you too will be hooked.
Regulatory Affairs - A Growing Opportunity for Toxicologists
Submitted by Len Sauers and Canarie Perry

Due to the increase in local, state and federal regulations, many industries and contract firms have established regulatory affairs departments. The primary responsibility of these departments is to make regulatory submissions, ensure the industries are in compliance with all appropriate laws and function as a liaison with government officials. In addition, governmental regulatory bodies have departments that interact with regulated industries as well as the public.

These departments are staffed with individuals who have a variety of expertise. However, the predominant emphasis is in toxicology. Due to this emphasis, regulatory affairs has become a growing employment opportunity for toxicologists. This was evident at last year’s Society of Toxicology meeting where the Placement Center posted a large number of positions in this area.

Toxicologists employed in Regulatory Affairs departments are required to possess many of the same skills as toxicologists in other positions. Employers expect candidates to have technical depth in the field, analytical/problem solving skills and an ability to learn new things quickly. These qualities are important due to the variety and quantity of the technical challenges facing individuals in this field.

These positions also require interactions with a broad spectrum of individuals from different organizations and functions who possess varying levels of technical expertise. To be successful in such interactions, employers look especially for candidates to have excellent oral and written communication skills, leadership and organizational skills, along with being highly motivated and a team builder.

Growth in the regulatory area is expected and should be looked upon as an opportunity by those starting their career or for future crossover by classical toxicologists.

The Placement Committee Looks to the Future

Over the last 30 years, the field of toxicology has enjoyed phenomenal growth, with seemingly ever-expanding job opportunities. Recently, however, there are indications that this growth may be slowing considerably. The Placement Committee is interested in finding out what the future holds for job opportunities in toxicology, what areas of specialized knowledge or expertise will be in demand, and what programs are needed in graduate schools to prepare students for the job market, now and in the future.

In an effort to answer these important questions, the Committee has developed a job marketing survey. Surveys were mailed at the beginning of April to select individual(s) from each company represented in the Society. If you received this survey and have not already completed it, we urge you to participate. Please feel free to enlist the input of others in your organization who may have insight regarding the information being sought. If you did not receive a survey or feel that your company may have been overlooked, please call Steve Roberts at (904) 462-3277 to participate. The Placement Committee will compile the results and present them at a later date to the Society.

VOLUNTEER

- Serve as a Chair for a platform, poster, or poster discussion at the SOT Annual Meeting
- "Man" the Placement Office at the SOT Annual Meeting
- Serve as a host mentor for the Minority Student program at the SOT Annual Meeting

If you are interested in volunteering, complete and return the Volunteer form enclosed with this newsletter. Send to SOT Headquarters Fax: (703) 438-3113, E-mail: sothq@toxicology.org.

CONTINUING EDUCATION COURSE

AUDIO / VIDEO TAPES

Over 80% of those that attend SOT's Continuing Education courses rate them as excellent! This year, in addition to all 12 courses being available on audiotape, SOT has made available two of the courses on videotape:

AM/PM #1 & #8 - Advanced Topics in Toxicokinetics
AM/PM #2 & #9 - Apoptosis: Recent Advances in Detection

Order forms are enclosed in this issue of the newsletter.
IN MEMORIAM

DR. PATRICIA LANG

We deeply regret to inform all of Dr. Patricia Lang’s colleagues and friends that she passed away in early April of pancreatic cancer. A single mother with two sons in college, Pat has been a strong and courageous person through all.

Anyone wishing to help can send donations to Pat Lang Special Fund, Bank of Arizona, P.O. Box 17810, Fountain Hills, AZ 85269, Acct. No. 0013017063.

Submitted by Judith A. MacGregor, Ph.D.
Toxicology Consulting Services

ROBERT JAMES WEIR JR.

Robert James Weir Jr., 71, who was vice president of Hazleton Laboratories and Litton Bioetics and had headed his own consulting firm, Bionetica, died March 25 in Virginia.

Dr. Weir was born in Washington and raised in Takoma Park. He was a graduate of Montgomery Blair High School and the University of Maryland, where he also received a master’s degree and a doctorate in physiology. He served in the Navy in the Pacific during World War II.

Dr. Weir began his career with Hazleton, and he later was vice president of the Institute for Industrial and Biological Research in Cologne, Germany. He was a consultant to the Environmental Protection Agency and a senior scientist and program manager of Dynamic Corp.

He was a member of the American Association for the Advancement of Science, the American Chemical Society, the Society of Cosmetic Chemists, the Society of Sigma Xi, and the Society of Toxicology. Dr. Weir also had chaired a Gordon Conference on Safety Evaluation and Toxicology. He was an expert in the toxicology of pesticides and published a chapter on Organic Phosphates in Patty's Industrial Hygiene and Toxicology. During the course of his career he introduced many scientists trained in other fields to toxicology including David Brusick and Jack Dean.

Survivors include his wife of 48 years, Ruth Wier of McLean, VA; three children, Robert J. Weir III of Hanover, PA; Shannon L. Rice of Springfield, VA; and Dana L. Blankenship of Sterling, VA; a brother, Richard L. Weir, and a sister, Patsy W. Monroe, both of Ocean-Ridge, FL; and eight grandchildren.

Submitted by Robert Bellies, Ph.D., NCEA-DC, USEPA

DR. WALTER CARL DAUTERMAN

Dr. Dauterman was a long-time member of the Society of Toxicology. He served the Departments of Toxicology and Entomology in the College of Agriculture and Life Sciences at North Carolina State University from 1962 through 1994. He was appointed Assistant Professor of Entomology in 1962, was promoted to Associate Professor of Entomology, with tenure, in 1964 and Professor Entomology in 1972. Having been a member if the Interdepartmental Toxicology Faculty since it was founded in 1965, he became a charter member of the Department of Toxicology when it was founded in 1989, retaining a joint appointment in the Department of Entomology. At the time of his death he was Professor Emeritus of Toxicology and Entomology.

Dr. Dauterman received his B.S. and M.S. degrees from Rutgers University, in 1954 and 1957 respectively, his Ph.D. degree from the University of Wisconsin in 1959, followed by postdoctoral experience at the University of Utrecht, in the Netherlands, and at Cornell University. During his career at NCSU he spent study leaves at the International Atomic Energy Authority in Vienna, Austria, in Australia, sponsored by the Australian Wool Council, and in Basel, Switzerland, sponsored by the CIBA-GEIGY Company.

Dr. Dauterman enjoyed a rich, varied and productive research career in many aspects of toxicology related to agricultural chemicals. His well-known studies of insecticide metabolism in both target and nontarget organisms and of the role of glutathione S-transferases in pesticide metabolism and insecticide resistance are but two of these areas. He published over 200 scientific papers, including many invitational reviews and book chapters, and has been honored, throughout his career, by numerous invitations to participate in prestigious symposia and other meetings.

His contributions were by no means only in the area of research. He taught at the graduate level, in both the Entomology and Toxicology Departments and served on many committees at the department, college and university levels. Dr. Dauterman was particularly active in graduate training. He guided thirty students to the MS or PhD degree in either Entomology or Toxicology and his former students are to be found in academic institutions and agrochemical companies throughout the world. He consulted actively, both in the USA and abroad, helping establish research laboratories and academic programs in many developing countries.

Dr. Dauterman is survived by his wife, Barbara Roper Dauterman of Raleigh; son, Walter Carl Dauterman, Jr. of Raleigh; son and daughter-in-law, John Frederick and Bonnie J. Dauterman; brother Philip Dauterman of Guam.

Submitted by: Ernest Hodgson, Ph.D.
Department of Toxicology
North Carolina State University

In Memoriam

William Banner
Clinton Chichestier
M.J. Dignam
Robert M. Joy
Wendell W. Kilgore
Thomas B. O'Dell
Deborah W. Petersen
Jean Scholler
Frank A. Smith
Paul W. Smith
Rhoda Wang
FY 1996 Funding

The Federal Government

Seven months into the 1996 fiscal year, federal spending for 1996 has finally been resolved. On April 25, 1996, Congress approved legislation (HR 3019) that would allocate the final $164 billion in federal spending to the agencies and programs that have been subjected to a total of 13 temporary spending measures for the majority of the fiscal year. The final funding bill for 1996 includes federal monies for nine Cabinet departments and dozens of federal agencies, including the Environmental Protection Agency.

The Superfund Basic Research Program (SBRP)

Funding for FY 1996 for the Superfund Basic Research Program was initially passed by the House at a level of $31.5 million ($1 million below the President's request and $4.2 million below FY 1995). The Senate version included only $16 million for the NIEHS Superfund Basic Research Program. A conference committee agreement, which was ultimately vetoed, provided $32 million for the Program. The final temporary spending measure (HR 3019) allocated funding for the SBRP at a level of $32 million and funding for the NIEHS worker training program at a level of $18.5 million for FY 1996.

FY 1997 Funding

The National Institute of Environmental Health Sciences (NIEHS)

On Wednesday, April 24, 1996, Dr. Kenneth Olden, Director of the National Institute of Environmental Health Sciences, testified before the House Labor, Health and Human Services, and Education Appropriations Subcommittee. His testimony emphasized the importance of the interplay between inherited genetic alternations and the environment. Dr. Olden reviewed major efforts in four areas being undertaken at NIEHS: Creating animal models of human diseases; developing more precise methods of carcinogenicity testing; elucidating how carcinogenic and toxic mechanisms work at the level of the human cell and gene; and translating laboratory findings into prevention/intervention strategies. Dr. Olden requested that the Committee adhere to the President's Budget Request for FY 1997 which recommended an appropriation of $289,114,000 for NIEHS (non-AIDS) which is an increase of 2.22 percent over fiscal year 1996.

The Superfund Basic Research Program (SBRP)

The President's Budget Request for FY 1997 which was delivered to Congress on March 26, 1996, requested only $13.5 million for the NIEHS Superfund Basic Research Program (SBRP) -- a 40% decrease from FY 1996 levels! This program received $34.7 million in FY 1995 and the final spending measure approved by Congress funded this program at $32 million for FY 1996. In addition to $19.5 million for the SBRP, the President's Budget requested $21 million for the NIEHS worker training program, $3.9 million for EPA professional development, and $3.9 million for EPA program management. Some sources have maintained that the funds for professional development and program management will be reserved by EPA at the expense of the SBRP. FY 1997 funding for this program is currently being considered by the VA-HUD-Independent Agencies Appropriations Subcommittee. SOT has submitted written testimony for the official record which requests $40 million for the SBRP for FY 1997.

Superfund Reform

Senator Robert Smith (R-NH), Chairman of the Environment and Public Works Subcommittee on Superfund, Waste Control and Risk Assessment and sponsor of S.1285, the "Accelerated Cleanup and Environmental Restoration Act," has redrafted his legislation after working out several compromises with Senator John Chafee (R-RI), Chairman of the Environment and Public Works Committee. However, despite repeated contact with the Senator and his staff, the authorization level for the NIEHS Superfund Basic Research Program remains at only $20 million (for both the research program and the worker training program). This is a full $15 million below the program's last authorized level in 1994 and nearly a 43% cut in authorization level.

What You Can Do

SOT members are encouraged to write, fax, or call their Senators and urge them to contact Senator Smith regarding the importance of providing a strong authorization for this program. Specifically, SOT members are asked to:

- Request that the reauthorization level for the research program equal or exceed the previously authorized level of $34 million.
- Emphasize that the purpose of the research program is to provide the science base needed to make accurate assessments of the human health risks, determine prioritization of contaminated sites and cost-effective cleanup decisions.
- Communicate that the program involves 139 projects at 63 universities and institutions involving over 1,000 scientists.
- Finally, make clear that federal policy should be based upon sound science, and the only scientific basis for the clean up of hazardous sites IS the NIEHS Superfund Basic Research Program.

Hearings have been held in both the House and Senate. However, with less than 50 legislative days left in 1996, it is unclear whether Congress will have time to consider this very controversial reauthorization legislation.
Statement of the Society of Toxicology before the House Appropriations Subcommittee on Labor, Health and Human Services, Education and Related Agencies

Presented by
James A. Swenberg, D.V.M., Ph.D.
March 5, 1996

Mr. Chairman and Members of the Subcommittee, I am pleased to be here today on behalf of the Society of Toxicology. My name is James Swenberg and I am Director of the Curriculum in Toxicology at the University of North Carolina at Chapel Hill.

The Society of Toxicology is a professional organization that brings together toxicologists in academia, industry, and government. We work closely with the National Institutes of Health, particularly with the National Institute of Environmental Health Sciences (NIEHS). It is in support of NIEHS that we are testifying before you today.

Mr. Chairman, before I begin, I want to convey our thanks for your efforts on behalf of the NIH in FY 1996. Your actions not only provided an increased level of funding to the premier research institute of the world, but they also brought much needed attention to “investment” side of biomedical research.

The mission of the National Institute of Environmental Health Sciences is to determine how environmental exposures affect human health, how individuals differ in their susceptibility to these effects, and how these susceptibilities change over time as individuals age. NIEHS is charged with developing the basic science necessary to make these determinations.

It is crucial that we develop an understanding of the mechanisms that underlie environmentally-induced disease. The Society of Toxicology strongly supports the efforts of the NIEHS in developing this understanding, both through its intramural basic research program and through its funding of investigator-initiated research grants. It is imperative that we understand relationships between exposure and disease, including similarities and differences between high exposures used to identify "potential" toxicity or carcinogenicity and those encountered by society.

NIEHS is the home of the National Toxicology Program (NTP), which was established to provide information to health, regulatory and research agencies, and the general public about potentially toxic chemicals, as well as to strengthen the science base of toxicology. In recent years, the NTP has made great strides toward incorporating more information on dose-response relationships and mechanisms that are so critical for improved risk assessment.

Strengthening the science base of risk assessment decisions has been the crux of risk assessment legislation in the 104th Congress. Risk assessment is the cornerstone of environmental decision making. As Congress stands poised to amend current risk assessment regulations, the lack of sound data in many instances will make any assessment grossly unreliable. NIEHS Director, Dr. Ken Olden, has stated that “policy decisions will only be as good as the scientific foundation upon which they rest.”

The NIEHS plays a crucial role in developing better ways of dealing with Superfund issues through its cooperative role with the Environmental Protection Agency in directing the Superfund Basic Research Program. This is the only university-based research program that brings together biomedical and engineering scientists to provide the science base needed for making accurate assessments of human health risks and developing cost-effective cleanup technologies.

Despite our progress, it is clear that much additional research on effects of the environment on human health is still needed. In FY 1995, NIEHS was able to fund only 17% of the approved peer-reviewed grant applications. Scientists are still discovering toxic properties of chemicals we have been living with for years. Understandably, the concern of the American public and of the Congress about environmental health hazards has risen. Moreover, these concerns disproportionately affect children and the economically disadvantaged.

The Society of Toxicology requests a 6.5 percent increase in funding for both the NIH and the NIEHS. This increase would allow NIH and NIEHS to keep pace with inflation and allow our nation to take advantage of the many exciting research opportunities facing our scientists.

Mr. Chairman, on behalf of the Society of Toxicology, I thank you for your staunch support and pledge our commitment and assistance toward your efforts.
ICT VIII IN PARIS IN 1998

VENUE & THEME

The 8th International Congress of Toxicology will be held in Paris, July 6-11, 1998, on the theme of the "Chemical Safety for the 21st Century." The location of the meeting is "le Palais des Congrès," Porte Maillot in Paris, a worldwide renowned venue, with large facilities for attendees and exhibitors.

SCIENTIFIC PROGRAM

- Continuing education courses on Sunday, July 6
- Deichmann lecture; 4 plenary lectures; 12-16 symposia; 10-16 workshops; 2-3 debates; and posters sessions.

In addition, four satellite meetings will be organized in four different French cities: Lille, Lyon, Strasbourg, and Toulouse, all within easy reach of Paris by plane or train.

TIME-TABLE FOR THE PREPARATION

- Spring 1997: Preliminary program.

ORGANIZATION

The Organizing Committee members as well as the main working committees and subcommittees are listed in the advertisement printed in this Newsletter. Moreover, additional subcommittees and working groups will be established to assure the full success of Paris ICT VIII.

REMI GLOMOT Secretary-General of ICT VIII

Proposed Guideline For Carcinogen Risk Assessment

Continued from page 1

- Descriptions of Major Default Assumptions and Criteria for Departing From Them
- Risk Characterization is More Fully Developed

In addition to publication in the federal register, the full text of the proposed guidelines will also be made available at the EPA Office of Research and Developments home page on the Internet: http://www.epa.gov/ORD.

Copies are available for purchase from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161, (703) 487-4650, Fax: (703) 321-8547. Please provide the following when ordering: PB96-157599, Cost: $35.
INTERNATIONAL UNION OF TOXICOLOGY
VIII INTERNATIONAL CONGRESS OF TOXICOLOGY
Hosted by the French Society of Toxicology

CHEMICAL SAFETY FOR THE XXIst CENTURY
JULY 6 – JULY 11, 1998
PARIS – FRANCE

For information, please contact:
SOCFI – ICT VIII - 14, rue Mandar – 75002 PARIS
Tel.: (33.1) 44 88 25 25 • Fax: (33.1) 40 26 04 44 • Telex: 214403 F

Organizing Committee

Jean-Roger CLAUDE, Ph D, Paris
Albert JAEGE, MD, Strasbourg
Viviane BURGAT-SACAZE, DVM, Toulouse
Rémi GLOMOT, Ph D, Paris
Marc THEVENIN, Ph D, Dijon
Jean-Michel WARNET, Ph D, Paris
Chantal BISMUTH, MD, Paris,
Guy DIRHEIMER, Ph D, Strasbourg
Sylvain DALLY, MD, Paris
Edmond CREPPY, Ph D, Bordeaux
Jacques DESCOTES, MD, Ph D, Lyon
Hélène DUTERTRE, Ph D, Tours
Curtis D. KLAASSEN, Ph D, Kansas City, USA
Donald J. REED, Ph D, Corvallis, USA

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First Vice-President
Second Vice-President
Secretary General
Deputy Secretary General
Treasurer
Chair, Scientific Committee
Chair, Subcommittee on publications
French Society of Toxicology, Liaison Officer
Chair, Subcommittee on Satellite Meetings
Chair, Subcommittee on Education and Training
Chair, Subcommittee on Social Events
President of ICT-VII
Chair, Scientific Committee ICT-VII
PLACEMENT SERVICES

IMMUNOTOXICOLOGY POSTDOCTORAL POSITION

A postdoctoral position to study the effects of alcohol consumption on immunologic functions is available immediately. Major emphases of this laboratory are the molecular and cellular aspects of the immunotoxic effects of alcohol consumption on immunity to infectious agents and the role of immunity in the pathology of infections. The position is funded by an NIH training grant and would be for a minimum of 2 years with an option for a third year. Applicants must hold United States citizenship. The postdoctoral fellow will join an active group, including other immunologists, toxicologists, and pharmacologists, involved in various aspects of the effects of drug and alcohol abuse.

Send curriculum vitae and three letters of reference to: Thomas R. Jerrells, PhD, College of Pharmacy, Washington State University, Pullman, WA 99164-6510, Tel: (509) 335-2139; Fax: (509) 335-0162; E-mail: jerrells@mail.wsu.edu.

SCIENTIFIC AND REGULATORY AFFAIRS MANAGER

Requires Master’s in Public Health, or alternative of M.D., and three years experience in public health analysis in connection with food safety, including knowledge of food regulations of China. Also requires fluency in oral and written Chinese at business and technical level. Perform analysis, and provide expertise and guidance, regarding regulatory and public health matters within the Pacific Group. Review and analyze relevant research, in Chinese and English, regarding toxicology, risk assessment and public health. Provide technical and regulatory information and guidance, usually in Chinese, on specific ingredients. Identify potential public health issues in Pacific Group and develop strategies for addressing them. Assist all operations divisions of Pacific Group on health, safety and regulatory issues. Review and approve new product formulations, including Chinese language advertising, labels, printed materials and publicity media. Monitor Chinese food regulations and pending legislation. Prepare submissions, in Chinese, for regulatory officials of toxicological data on ingredient safety. Liaise, by telephone, in writing and on occasion in person, with Chinese government officials regarding toxicological and safety issues. Attend scientific and regulatory workshops and meetings conducted in Chinese regarding the harmonization of food regulations between China, Taiwan and Hong Kong. Monitor Chinese-language media to identify public health issues that may impact sales in the Chinese-speaking world. 40 hours/week, 9-5 M-F. Salary range $64,750 to $97,150 per year. Apply with resume to Georgia Department of Labor, Job Order #GA 5950841, 2636-14 M.L. King Jr. Drive, Atlanta, Georgia 30311-1605 or the nearest Department of Labor Field Service Office.

IMMUNOTOXICOLOGIST

A technical position is immediately available for an Associate Immunotoxicologist at Eli Lilly and Company. The Associate will be part of the Immunotoxicology Group within the Biochemical Toxicology Department. The Associate will be responsible for the design and conduct of immunoassays used to characterize the immunogenicity or immunotoxicity of drug candidates. An M.S. degree is required and the candidate should have demonstrated expertise in immunotoxicology. Excellent writing and verbal communication skills are required along with demonstrated ability to work independently. Applicants should send a CV and the names of three references to Dr. Daniel Wierda, Eli Lilly and Company, Greenfield Laboratories, P.O. Box 708, Greenfield, IN 46140.

ENVIRONMENTAL AND RESEARCH SENIOR SCIENTIST/TOXICOLOGIST

The ILSI Risk Science Institute, a nonprofit scientific institute working in the areas of health and environmental risk assessment, seeks a Senior Scientist with a working knowledge of human health risk assessment and expertise in reproductive/developmental toxicology. Position requires a Ph.D. in toxicology or related biological science and 3+ years of professional experience. Successful applicant will work with scientists from diverse disciplines on issues related to human health risk assessment. Responsibilities include coordinating and staffing technical working groups, evaluating and analyzing technical data, drafting and editing manuscripts as well as creation of project concepts and identification and solicitation of funding support for projects. Position level and salary commensurate with experience. Send resume to Human Resources, ILSI, 1126 Sixteenth Street, N.W., Washington, DC 20036 or fax to (202) 659-3859. EOE/MF.

REGULATORY TOXICOLOGIST

The Toxicology & Risk Assessment Section of the Texas Natural Resource Conservation Commission located in Austin, Texas has openings for health scientists specializing in Regulatory Toxicology. The ideal candidate will possess a M.S. or Ph.D. degree in toxicology or a closely-related field and will have a minimum of 1-3+ years experience conducting human health risk assessments. The positions offer an opportunity to interface between science and policy management in a regulatory setting. Candidates will join a team of 16 toxicologists and must have demonstrated ability to work as a team member. Excellent oral and written communication skills are required. Interested applicants should contact Laurie Couture Haws at (512) 239-1789.

Continued on page 23
BURROUGHS WELLCOME FUND

1996 HITCHINGS-ELION FELLOWSHIPS AND WELLCOME RESEARCH TRAVEL GRANTS

The Hitchings-Elion Fellowships support U.S. scientists early in their careers for training in the United Kingdom. The Fellowships are named after the 1988 Nobel Laureates in Physiology or Medicine, Drs. George H. Hitchings and Gertrude B. Elion. The program provides for two years of training in the U.K. and a third year in the U.S. The fellowships are intended to provide a research experience in the basic biomedical and behavioral sciences in U.K. laboratories and to promote scientific collaboration among U.K. and U.S. scientists. The award amount is $150,000. Scientists in all area of clinical, biomedical, and behavioral research are eligible. Applications are due by September 1, 1996. It is anticipated that up to 10 new fellowships will be awarded.

The Wellcome Research Travel Grants enable established researchers in the U.S., Britain, and Ireland to visit colleagues with similar interests in order to exchange scientific information or to acquire new research techniques. The aim of this program is to facilitate the rapid exchange of knowledge in order to advance medical science and the field of medical history. Travel grants are made when other funds are not available or are insufficient. The Fund will make approximately 35 research-oriented and up to 10 history of medicine travel grants each year. Full-time researchers in the health sciences or medical historians who hold a doctoral degree and who are citizens or permanent residents of the U.S. are eligible. Grant submissions in the basic medical sciences, clinical research, and the history of medicine are eligible for support. Applications are received year-round. They should be submitted by the dean, department head, or grants officer of the researcher’s institution. No preference is given to particular disciplines within the medical sciences. The Fund generally makes a decision in 10 to 12 weeks from receipt. Applications therefore must be received at least 12 weeks before the departure date.

The Burroughs Wellcome Fund is an independent private, non-profit foundation established in 1955 to advance the medical sciences by supporting research and other scientific and educational activities.

The Fund invites applications, without discrimination, from universities, medical schools, scientific institutions and other eligible nonprofit organizations with the United States and Canada.

Other awards available from the Burroughs Wellcome Fund:

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<th>Award</th>
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<td>Experimental Therapeutic Scholar Awards</td>
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<td>Basic Pharmacological Sciences</td>
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<td>New Investigator Awards</td>
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<td>Toxicology Scholar Awards</td>
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<td>New Investigators in Toxicology</td>
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For all awards contact: Burroughs Wellcome Fund, 4709 Creekstone Drive, Suite 100, Durham NC 27703, (919) 991-5100, Fax: (919) 941-5884, E-mail: mailbox@bwfund.org or visit Burroughs home page: http://www.bwfund.org/bwfund.

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HEAD - DEPARTMENT OF TOXICOLOGY

The College of Agriculture and Life Sciences, North Carolina State University (NCSU), is searching for an outstanding leader to administer the research, teaching and extension programs of the Department of Toxicology. Applicants should possess an international reputation in toxicology, a Ph.D. degree, and research and teaching experience commensurate with the rank of professor. Administrative experience and demonstrated leadership potential expected. The successful candidate is expected to conduct a vigorous program of research and contribute to departmental teaching and extension activities. Applicants should send a curriculum vitae, names, addresses and phone numbers of at least three references, and a letter describing interests and qualifications to Dr. James D. Harper, Toxicology Head Search Committee, Department of Entomology, Box 7613, NCSU, Raleigh, NC 27695-7613. Application deadline June 15, 1996 or until suitable applicant is found. An Equal Opportunity/Affirmative Action Employer.

TOXICOLOGY PROJECT LEADER

The Toxicology Research Laboratories has a position available for an individual trained and experienced in toxicology, pharmacology or related sciences. A Ph.D. degree and at least 3-5 years of drug development experience in either an industrial or academic environment are required for this position. This individual will provide key scientific leadership of Pre-clinical toxicology planning process, will serve as a Study Director, and will represent toxicology in discussions with regulatory agencies. In addition to attractive salaries and benefits, Eli Lilly and Company provides excellent opportunities for continued growth through in-house seminars and off-site programs. If you are interested in this position, please send your curriculum vitae to: Dr. Michael A. Dorato, Director, Toxicology Projects, Eli Lilly and Company, P.O. Box 708, Greenfield, IN 46140. An Equal Opportunity Employer.
What is BELLE?

In May 1990, a group of scientists representing several federal agencies, the International Society of Regulatory Toxicology and Pharmacology, the private sector, and academia met to develop a strategy to encourage the study of the biological effects of low-level exposures (BELLE) to chemical agents and radioactivity. The meeting was convened because of the recognition that most human exposures to chemical and physical agents are at relatively low levels, yet most toxicological studies assessing potential health effects involve exposures to quite high levels, often orders of magnitude greater than actual human exposures. Consequently, risks at low levels are estimated by various means, frequently utilizing assumptions about which there may be considerable uncertainty.

The BELLE Advisory Committee is committed to the enhanced understanding of low-dose responses of all types, whether of an expected nature (e.g., linear, sublinear) or of a so-called paradoxical nature. Paradoxical dose-response relationships might include U-shaped dose-response curves, hormesis, and, in some restrictive sense, biphasic dose-response curves. Although there are many scattered reports of such paradoxical responses in the biomedical literature, these responses have not generally been rigorously assessed, nor have the underlying mechanisms been adequately identified. Laboratory and regulatory scientists have tended to dismiss these paradoxical responses as curiosities or anomalies inconsistent with conventional scientific paradigms.

The focus of BELLE encompasses dose-response relationships to toxic agents, pharmaceutical, and natural products over wide dosage ranges in in vitro systems and in vivo systems, including human populations. The initial goal of the BELLE Society is the scientific evaluation of the existing literature and of ways to improve research and assessment methods.

In order to enhance better communication amongst those interested in the BELLE initiative, the BELLE Advisory Committee created a newsletter that is produced three times per year (March, July, Nov.). The newsletter serves a variety of purposes, including (1) directing attention to new developments in the field, (2) producing brief summaries/ critiques of work in various subject areas, (3) providing a forum for an exchange of views on a particular topic, and (4) presenting guest editorials, amongst others. The newsletter serves as a vehicle by which the Advisory Committee and the readership can communicate with each other on BELLE-related issues. The newsletter is sent free of charge to numerous libraries, organizations, and private individuals. For more information about the newsletter, contact BELLE at the address or phone number listed below.

The BELLE program is overseen by a nationally recognized multi-institutional BELLE Advisory Committee, and is directed by DR. EDWARD J. CALABRESE, Professor of Toxicology and Director of the Northeast Regional Environmental Public Health Center, School of Public Health, University of Massachusetts, Amherst.

The sponsorship of BELLE is intended to be based broadly with financial and other support from both the public and private sectors. The finances are managed by the University of Massachusetts, School of Public Health. The Advisory Committee recognizes that organizing conferences, publishing newsletters, or having a functional BELLE office requires both personal and financial commitments. Consequently, if you or your organization are interested in exploring the possibility of providing support for BELLE activities, please call the BELLE Office at the address or phone number listed below.

BELLE Office
NERPHC - Merrill N344
School of Public Health
University of Massachusetts
Amherst, MA 01003
(413) 545-3164.
Fax: (413) 545-4692
E-mail: www.BELLEonline.com
Nominations Sought

Officers

Date for Submission of Nominations for Elected Officers Changed to August 1

There are many SOT members with the ability and enthusiasm to willingly serve the Society, and the Nominating Committee is counting on you to identify these members. The Committee will be preparing a slate of your nominees for the 1997 SOT elected officers and elected standing committees. The offices to be filled in 1997 include the Vice President-Elect, Secretary-Elect, and two Councillors. Additionally, two members will be elected to the Membership Committee and Education Committee and four members to the Nominating Committee. The terms and duties of each position are described in the SOT Bylaws. Please send your recommendations to any member of the Nominating Committee: Meryl H. Karol (Chairperson), Richard J. Bull, James D. Yager, Donald J. Reed, Michael I. Luster, and Steven D. Cohen (liaison).

The SOT Council voted to change the submission date for nominations for elected officers from October 1 to August 1. This will allow the Nominating Committee time to review nominations early in September for final Council approval late in September.

Act now! Your officer nominations must be received by August 1, 1996.

Honorary Memberships

Do you know a non-member toxicologist who has achieved outstanding and sustained achievements in the field of toxicology? Nominate that individual for an Honorary membership in SOT. In accordance with SOT Bylaws, “Candidates for Honorary Membership are nominated by two voting or Associate members of the Society, including members of Council. Nominations shall be accompanied by seconding letters and information regarding career achievements in toxicology. Election of Honorary members shall be by a two-thirds vote of Council.” Past Honorary members include Gertrude B. Elliot, Ronald W. Estabrook, George II. Hitchings, Charles Lieber, Norton Nelson, Sten Orrenius, Dennis Parke, Herbert Remmer, Wendall W. Weber, and Hyman J. Zimmerman.

SOT Awards

In recognition of distinguished toxicologists, SOT presents several awards each year. Past award winners are listed in the annual Membership Directory. Each nomination must be submitted by a sponsor and a seconder who are members of SOT. The quality of supporting documentation is critical in the review of the nomination of each candidate. Please send all nominations and supporting documentation to the Awards Committee chairperson, Jack H. Dean, SOT Headquarters. Deadline for receipt of nominations for 1997 Awards is October 1, 1996.

Society of Toxicology Awards

The Board of Publications Awards for the Best Paper in Toxicology and Applied Pharmacology and the Best Paper in Fundamental and Applied Toxicology are presented to the author(s) of the best paper published in each of the official SOT publications during a 12-month period terminating with the June issue of the calendar year preceding the Annual Meeting at which the award is presented. The author(s) need not be a member of the Society of Toxicology. These awards consist of scroll and a cash stipend. Submissions should include a one-page summary of the paper’s contribution to the science of toxicology and a copy of the article for which the nominations is being made. Any member of the Society may submit one title for consideration per journal award. In addition, the titles of no more than six papers to be considered for each award are submitted by the editors of each official SOT publication. All papers submitted will be evaluated by the Awards Committee.

The Public Communications Award is presented by the Society of Toxicology to recognize an individual who has made a major contribution to broadening the awareness of the general public on toxicological issues through any aspect of public communications. The award should reflect accomplishments made over a significant period of time. Examples of qualifying media in which the nominated communication may appear are: books, brochures, Continuing Education courses, data bases, extension bulletins, magazines, newspapers (local or national), public presentations, public forums, radio and television scripts, and workshops. The award consists of a plaque and a cash stipend.

The Toxicology Education Award is presented to an individual who is distinguished by the teaching and training of toxicologists and who has made significant contributions to education in the broad field of toxicology. This award consists of a plaque and a cash stipend.

The Achievement Award is presented to a member of the Society of Toxicology who has less than 15 years experience since obtaining his/her highest earned degree in the year of the Annual Meeting of the Society of Toxicology and who has made significant contributions to toxicology. This award consists of a plaque and a cash stipend.

The Arnold J. Lehman Award is presented by the Society of Toxicology to recognize an individual who has made major contributions(s) to the control of chemical agents, including pharmaceuticals. The Contribution may have resulted from the application of sound scientific principles to regulation and/or from research activities that have significantly influenced institution of appropriate regulatory processes. The nominee may be employed in academia, government, or industry and need not be a member of the Society. This Award consists of a plaque and a cash stipend.

The Merit Award is presented to a member of the Society of Toxicology in recognition of a distinguished career in toxicology. This award consists of a plaque and a cash stipend.
UPCOMING CONFERENCES

- Course on Experimental and Clinical Neurotoxicology at Department of Nutritional Sciences, May 27-31, 1996, University of Oporto, Portugal. Dr. Ana Paula Augusto, Curso Ciencias da Nutricao, University of Oporto or Rue Dr. Roberto Frias, 4200 Porto Portugal. Fax: (351) 2-5504143.


- Scientists Center for Animal Welfare Conference, Animal Welfare & Toxicology Studies: Current Issues and Trends for the Next Century, June 10-11, 1996, Hyatt Hotel, Baltimore, MD. Conferences, SCAW, Golden Triangle Building One, 7833 Walker Drive, Suite 340, Greenbelt, MD 20770, (301) 345-3500. Fax (301) 345-3503. (Note: The conference dates have been changed due to a conflict.)


- Fourth International Conference on the Applications of Information Technology in Human Services, Husita 4, June 11-14, 1996, University of Lappeenranta, Lappi, Finland. Conference Associates, 1110 Lincoln, Suite 620, Denver CO 80203; (303) 863-9508. Fax (303) 863-9507. E-mail: ndana@csn.net

- Veterinary Pharmacology and Therapeutics, 10th Biennial Symposium, June 17-19, 1996, University of Maryland Conference Center, College Park, MD. Dr. Jeff Wicke or Dr. Marion Enrich, Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA 24061, (540) 231-7555. Fax (540) 231-7676. E-mail: jwicke@vt.edu or marion@vt.edu.

- 11th International Symposium on Microines and Drug Oxidations, July 2-12, 1996, Los Angeles, CA. Dr. Oliver Huxtable, (310) 825-2935. Fax (310) 825-9433.

- Teratology Society 36th Annual Meeting, June 22-27, 1996, Keystone, CO. Carol Lemire, (301) 571-1841. Fax (301) 571-1852. E-mail: clemire@act.faseb.org or ekagan@act.faseb.org


- Toxicology Gordon Research Conference, July 28-August 2, 1996, New England College, Henniker NH. Dr. William Greenlee, (508) 856-2151. Fax (508) 856-5080. E-mail: wgreenlee@banyan.umin.edu.

- Tenth International Conference on Cytochrome P450: Biochemistry, Biophysics, and Molecular Biology, August 21-26, 1996, Marriott Hotel (tentative) and Morcone Center, Prof. John H. Dawson, Dept. of Chemistry and Biochemistry, University of South Carolina, Columbia SC 29208, (803) 777-7234. Fax (803) 777-9521. E-mail: Dawson@psc.sc.edu, http://science.ceripps.edu/py50.

- American Chemical Society, Environmental Division Symposium: Chemical Role in Risk Assessments of Radioactive Contamination, August 25-30, 1996. E-mail: asa@mainelinek.net.

- RASS VI, IUTOX-International Union of Toxicology, August 30-September 8, 1996, Royal Garden Village, Hua Hin, Thailand. RASS Secretariat, Malmfors Consulting AB, Vasabergsagen 48, S-113 25 Stockholm/Sweden. +46 8 31 19 90. Fax: +46 8 30 11 33.

- Cellular and Molecular Biology 2nd World Congress, September 1-7, 1996, Ottawa, Canada. Golden Planners Inc., Suite 401, 126 York St., Ottawa ON (Canada) K1N 5T3. (G13) 241-9333. Fax (613) 565-2173. E-mail: J4117370@compuserve.com.

- SCAW Conference on Genetic Engineering and Animal Welfare: Preparing for the Twenty First Century, held in conjunction with the Academy of Surgical Research Meeting, September 5-6, 1996, Chicago, IL. Conferences, SCAW, Golden Triangle Building One, 7833 Walker Drive, Suite 340, Greenbelt, MD 20770, (301) 345-3500. Fax (301) 345-3503.

- Third International Conference on Neuroprotective Agents, Clinical and Experimental Aspects, September 8-12, 1996, Villa Monestero, Yarenna, Lake Como, Italy. Bruce Trembly, M.D., Chief Neurosurgery, VA Medical Center, Topeka, KS 66614-3070. (209) 623-8411, ext. 5503. Fax (209) 623-5766 or William Silker, Jr., Ph.D., Director, Division of Neurotoxicology, NCTR/FDA, Jefferson, AR 72079, (501) 543-7203. Fax (501) 543-7745. E-mail: wsilker@fda.gov.nctr.fda.gov.


- First European Symposium on Tissue Slice Technology (A Satellite Eurotox '96), September 25-27, 1996, Alicante. Fax Eurotox Slice Int +44 131 518 3740 or Int +44 181 849 3495. E-mail: eurotox.slices@ucl.ac.uk.

PUBLICATIONS OF INTEREST

- 2nd World Congress on Alternatives and Animal Use In The Life Sciences, October 20-24, 1996, Utrecht, The Netherlands. World Congress Alternatives 1996. EBU Congress Bureau, P.O. Box 80/125, 3508 TC Utrecht, The Netherlands, +31.30.50.4447/27, Fax: +31.30.53.3567, E-mail: ildenkers@pobox.ru.nl.

- Seventh North American ISSX Meeting, October 20-24, 1996, Hotel del Coronado, San Diego, CA. ISSX, P.O. Box 2, Cabin John, MD 20818 USA, Fax: (301) 988-5557.


- SOT 36th Annual Meeting, March 9-13, 1996, Cincinnati Convention Center, Cincinnati, Ohio, (703) 438-3115, Fax (703) 438-3113, E-mail: soth@toxicology.org.

- Roundtable of Toxicology Consultants, meets annually at the SOT Conference, Ray Singer, Ph.D., (505) 466-1100, Fax (505) 466-1101 or John Budney, Ph.D., (818) 706-2410, Fax (818) 706-2413.

- ICT VIII (International Congress of Toxicology), Chemical Safety for the 21st Century, July 6-11, 1998, le Palais des Congress, Porte Maillot in Paris, France, Remi Glomot, Secretary-General, Tel. 38.87.60.00, Fax 38.87.60.66.

- Catsrett & Doull's Toxicology, The Basic Science of Poisons, Curtis D. Klaassen, McGraw-Hill Companies, Health Professions, P.O. Box 182615, Columbus, OH 43212-7046, (800) 262-4729, Fax: (212) 512-2252.

- Clinical Pharmacology, Third Edition, Edited by Melmon, Morrell, Hoffman, & Nierenberg, McGraw-Hill Companies, Health Professions, P.O. Box 182615, Columbus, OH 43212-7046, (800) 262-4729, Fax: (212) 512-2252.

- Current Issues and New Frontiers in Animal Research, Bayne, Greene & Frentice, SCAV, 78833 Walker Drive, Suite 340, Greenbelt, MD 20770, (301) 345-3500, Fax: (301) 345-3503.

- Goodman & Gilman's The Pharmacological Basis of Therapeutics, Eighth Edition, Editors-in-Chief: Joel G. Hardman, Ph.D. & Lee E. Limbird, Ph.D. McGraw-Hill Companies, Health Professions, P.O. Box 182615, Columbus, OH 43212-7046, (800) 262-4729, Fax: (212) 512-2252.

- Guide for the Care and Use of Laboratory Animals, revised copy, National Association for Biomedical Research, Washington, DC, (202) 857-0540, Fax: (202) 659-1902.


- The Human/Research Animal Relationship, Kulisich, Msayer & Simmonds, SCAV, 78833 Walker Drive, Suite 340, Greenbelt, MD 20770, (301) 345-3500, Fax: (301) 345-3503.

- The Well-being of Animals in Zoo and Aquarium Sponsored Research, Bielzcy, Burgeardt & Schieffer, SCAV, 78833 Walker Drive, Suite 340, Greenbelt, MD 20770, (301) 345-3500, Fax: (301) 345-3503.

- Wildlife Mammals as Research Models: In the Laboratory and Field, Bayne & Kreiger, SCAV, 78833 Walker Drive, Suite 340, Greenbelt, MD 20770, (301) 345-3500, Fax: (301) 345-3503.
SCALA AWARD GOES TO ANTHONY Y.H. LU

The Robert A. Scala Award was established in 1993 to honor the work of exceptional toxicologists in industry and promotes continued outstanding scientific contributions to the field by industrial organizations. This year, the award committee selected Anthony Y. H. Lu, as the 1996 recipient. Dr. Lu is the Executive Director of Animal and Exploratory Drug Metabolism, Merck & Co., Inc.

Dr. Lu’s contributions to the field of drug metabolism have advanced our understanding of the properties and function of multiple cytochromes P450, as well as the properties of important phase II enzymes including epoxide hydrolase, glutathione S-transferase, and DT diaphorase (NADPH quinone oxidoreductase). His studies on the role of drug metabolism in the formation of drug residues in animals have played an important role in evaluating the potential risks that drug residues in edible animals pose to humans.

The Scala Award winner was announced at the Rutgers University’s Joint Graduate Program in Toxicology reception at SOT in March.

DR. AMBROSE K. CHARLES RECOGNIZED AS DIPLOMATE AND BOARD CERTIFIED IN FORENSIC MEDICINE

In recognition for his efforts in toxicology, Dr. Ambrose K. Charles, Director of Risk Assessment & Toxicology at the Texas Department of Agriculture, was recognized by the American Board of Forensic Medicine as “Diplomate and Board Certified in Forensic Medicine, February 1996. Dr. Charles was already recognized as a “Diplomate & Board Certified Expert in Toxicology” by the American Board of Forensic Examiners last year.

Task Force Formed...

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during the SOT Annual Meeting in Anaheim. Carole Kimmel and Melvin Andersen were selected as co-chairs of the Task Force.

The title, “Task Force on Improving the Scientific Basis for Risk Assessment,” was chosen carefully to emphasize the focus on bringing better science to bear on the risk assessment process. The purpose and objectives of the Task Force are to identify and coordinate actions that will (1) stimulate efforts to improve the use of scientific data as the basis for risk assessment, (2) impact the generation of data appropriate for risk assessment, (3) promote the development, validation and use of better testing and risk assessment methods, and (4) seek to facilitate acceptance of new science and methods by regulatory agencies. The Task Force will develop a plan for implementation of this initiative, and will serve as a catalyst for challenging SOT committees and others to action in this area.

COUNCIL HIGHLIGHTS

Following, are the highlights of the January 18-19, 1996 and March 10, 1996 Council Meetings:

1. Council established the “Risk Assessment Task Force” in January, 1996 to identify and coordinate action steps that will focus discussion on methods used in risk assessment and stimulate efforts to improve the scientific basis for risk assessment. The Task Force will make recommendations concerning implementation of this high priority initiative, and will serve as a focus for challenging SOT committees and others to action in this area.

2. Council approved Opryland USA, Nashville, Tennessee as the site for the 2002 Annual Meeting. This site was selected because of its central location, reducing travel costs for SOT and its members. Also, meetings rooms will all be in one location, making all sessions easily accessible.

3. Council voted to fund a sponsored lecture at the 1998 IUTOX meeting.

4. Council voted to provide $2,000 to the Sixth International Meeting on Fibrous and Non-fibrous Particles for the purpose of supporting graduate student travel.

5. Council retained public relations firm Ketchum Communications to launch a campaign intended to establish SOT as the credible media resource on toxicology issues.

6. Council voted to contribute $15,000 to support student participation at the 1996 Gordon Research Conference.

7. Council approved Dr. Dennis Parke as an honorary member.

8. Council is investigating medical, life, and long-term short-term insurance products as an SOT member benefit.

9. Council formed a Task Force to review specific education & outreach products for possible SOT funding.

10. Council provided financial support for the graduate student workshop held at the 1996 Annual Meeting that offered graduate students practical advice on oral and written presentations.