

## Congratulations to the Newly Elected Council and Committee Members

### **VICE PRESIDENT-ELECT**

**R. Michael McClain**  
Hoffmann-LaRoche, Inc.

### **SECRETARY-ELECT**

**David L. Eaton**  
University of Washington

### **COUNCILORS**

**Carole A. Kimmel**  
U.S. EPA

**Hazel B. "Skip" Matthews**  
NIEHS

### **EDUCATION COMMITTEE**

**James E. Klaunig**  
Indiana University School  
of Medicine

**Kenneth Ramos**  
Texas A&M University

### **MEMBERSHIP COMMITTEE**

**Craig S. Barrow**  
DowElanco

**Hugh A. Tilton**  
U.S. EPA

### **NOMINATING COMMITTEE**

(from the Regional Chapters)

**Roy C. Myers**  
Union Carbide Corporation  
(from the Specialty Sections)

**Albert E. Munson**  
Medical College of Virginia  
(from Past Presidents)

**John L. Emmerson**  
Eli Lilly & Company  
(from Membership-at-Large)

**Nancy L. Kerkvliet**  
Oregon State University



1995-96 Council (front row, from left): James S. Bus, Vice President; Jack H. Dean, President; Mary E. Davis, Treasurer; Carole A. Kimmel, Councilor; Shawn D. Lopez, Executive Director; Hazel B. "Skip" Matthews, Councilor. (Back row, from left) Debra L. Laskin, Councilor; R. Michael McClain, Vice President-Elect; Jay I. Goodman, Secretary; James A. Swenberg, Councilor; David L. Eaton, Secretary-Elect.

## Membership Application Fee Eliminated, Process Simplified

After much hard work, the Membership Committee has released a new and simplified membership application process. Effective April 1, prospective members need only complete a one page membership application, which is mailed to SOT Headquarters accompanied by a curriculum vitae. There is no longer a required application fee.

Continued on page 12

## 1995 Annual Meeting Largest Ever!

The 34th Annual Meeting of the Society of Toxicology was the largest gathering of toxicologists in history—over 4,800 scientists attended the Baltimore meeting. 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 and MRC Lecture were especially popular. Member response to the new Final Night Reception was overwhelmingly positive. The Reception was held separately from the Awards presentation and was less formal than

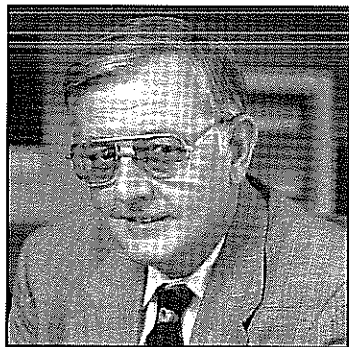
Continued on page 8

## INSIDE

President's Message	2
Annual Meeting Awards	4-5
Annual Meeting Pictures	6-8
Animals in Research	10-11
Placement Services	12
In Memoriam	13
Upcoming Conferences	14-15
Publications of Interest	15
Member News	16
Watching Washington	16

# PRESIDENT'S MESSAGE

## A TRIBUTE TO SOT'S WOMEN



Jack H. Dean, Ph.D.  
1995-96 President of the Society  
of Toxicology

BJS )  
,

### FUTURE SOT ANNUAL MEETINGS

- 1996: March 10-14  
Anaheim,  
California
- 1997: March 9-13  
Cincinnati,  
Ohio
- 1998: March 1-5  
Seattle,  
Washington

SO Letter/  
Photo

It is a pleasure to contribute my first article to the SOT Newsletter as your new President and offer it as a tribute to the many contributions of the Society's women members. The greater involvement of women in the SOT's committees, Council and leadership came through an initiative led by **Dr. Jerry Hook** when he was president in 1987-88.

First, I would like to recognize the recent accomplishments of two women who have held the highest offices in the SOT, **Dr. Meryl H. Karol**, who has just completed her term as our first woman President, and **Dr. Judith A. MacGregor**, who has just finished her term as our first woman Treasurer. Dr. MacGregor's contributions are threefold: she led the campaign for better management and control of our finances and helped us appreciate how our monies were being spent. Secondly, she managed through a period of transition to a new management group which required a renegotiation of our management contract. Thirdly, she made significant strides in negotiations with Academic Press to obtain an improved contract for our excellent scientific journals. Judy's contributions, insight and approach to the financial management of the SOT will long be remembered by those on Council.... if any of you need someone to negotiate your academic contract or an agreement with an external contract research organization, I highly recommend you contact Judy. She's terrific!

During Dr. Karol's succession to our presidency, she has brought class, intellect and professional dignity to the offices she has held. While our Vice President and Program Chairman, Meryl focused on broadening the program scope to include new areas of scientific interest on the fringe of toxicology (e.g. the symposium on chemical hypersensitivity). During her year as President, Meryl and the Council modified the Annual Meeting's social and scientific programs which introduced much welcomed change. Those of you who attended this year's meeting will note the new format of the awards presentations and reception that followed, which replaced our far more formal banquet. Additionally, Meryl hosted our first International Members' Reception to acknowledge the growing foreign membership in our Society which now numbers 252 and represents 6.4% of our membership. Through Meryl's effort, our annual business meeting was streamlined, our first woman honorary member was named—Gertrude Elion, whose work on cytotoxic anticancer drugs brought her Nobel prize recognition. Meryl's tenure as President of our Society will long be remembered.

The contribution of women SOT members to our Society's committees also deserves special recognition. During 1994-95, 32 women served on SOT committees including 6 as chairpersons. This represents 35% of the committee membership of our Society. In March, additional women were appointed or elected to our committees and became committee chairpersons. Thus, it appears we are making progress in the participation of women scientists within the leadership of our Society.

Finally, special recognition goes to **Shawn Lopez**, our Executive Director, and her staff which includes **Patricia Strong**, **Dawn Caruso**, **Jacqueline Celcis**, **Clarissa Russell** and **Nell Durrett**. Shawn has done an excellent job as our Executive Director since taking over that position in April, 1994. Through the efforts of Shawn and her colleagues at the SOT office, we held another well organized and most highly successful Annual Meeting in Baltimore in March. Attendance at the Baltimore meeting was 4,850 which represented an increase of over 18% from the 1994 Annual Meeting. A special "thank you" to this fine group of professionals.

Finally, I should acknowledge contributions of my office staff, **Claudia Doran** and **Kathy Phillips**, who, because of the volunteer nature of our Society have contributed their time and effort assisting me these past two years and will likewise, I am sure, make a significant contribution to this office in the year to come. Last but by no means least, I would like to acknowledge my "special" woman—my **Suellen** who has always been supportive of my SOT duties and has graciously tolerated the many absences from home because of my involvement.

Let me again thank all of the women who participate in the work of our Society, who serve on our committees or as specialty sections or regional officers or who serve on Council. Your contribution is greatly appreciated. Your incoming President looks forward to working with all of our membership (males included) during the coming year.

Presidentially yours,

*Jack H. Dean*  
Jack H. Dean, Ph.D.

## Nominations Sought

### Honorary Memberships

Do you know a nonmember 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 By-Laws, "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. Not more than two Honorary members shall be elected during any one term of Council." Past Honorary members include **Gertrude B. Elion, Ronald W. Estabrook, George H. Hitchings, Charles Lieber, Norton Nelson, Herbert Remmer, and Wendall W. Weber.**

Please send nominations and accompanying documents to SOT Headquarters, 1767 Business Center Drive, Suite 302, Reston, VA 22090-5332.

### Officers and Elected Committees

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 1996 SOT elected of-

ficers and elected standing committees. The offices to be filled in 1996 include the Vice President-Elect, Treasurer-Elect, and two Councilors. 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 By-Laws. Please send your recommendations to any member of the Nominating Committee: **Drs I. Glenn Sipes (Chairperson), Roy C. Myers, Albert E. Munson, John L. Emmerson, Nancy L. Kerkvliet, or James S. Bus (liaison).**

Act now! **Your suggestions must be received by October 1, 1995.**

### Awards

In recognition of distinguished toxicologists, SOT presents several awards each year. Past award winners and award descriptions 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, **Dr. Meryl H. Karol, SOT Headquarters. Deadline for receipt of nominations for 1996 Awards is October 1, 1995.**

## A New Toxicology News Forum on the Internet

Article submitted by Dr. Charles A. Miller, Tulane University Medical Center

Usenet news is a collection of news groups that address almost every imaginable topic. A section within the Usenet news groups called BIOSCI/bionet is dedicated to scientific topics but does not contain a toxicology forum. To rectify this situation, **Dr. Charles A. Miller** has decided to start one. The proposed USENET name is bionet.toxicology, and the proposed mailing list name is TOXICOLOGY. The news group is still in the developmental stages but should go on-line sometime in May.

The TOXICOLOGY forum is a news group created for the purpose of rapid information exchange between toxicologists and other researchers. Appropriate topics for this forum include any kind of information that is relevant to toxicology. The news group will provide: a forum for the discussion of ideas, problems, and recent developments in toxicological research; a means for obtaining research protocols, strains, molecular and chemical reagents; a means of developing collaborations between labs; and a bulletin board for any announcements concerning meetings, congress, new informational databases, job offers, etc.

There are several ways to access this and other news groups. The best way is through the Usenet news using a news reading program. To read the toxicology news group from a typical university system, log in and type "rn bionet.toxicology." The "rn" command tells the computer "r"ead "n"ews and the latter part directs the user to the toxicology forum. The commands that each user will use will depend on the institution's system. You can also read news at other

*Continued on page 9*



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

### Editorial Office and Membership:

Society of Toxicology  
1767 Business Ctr. Dr., Suite 302  
Reston, VA 22090-5332  
Phone: (703) 438-3115  
Fax: (703) 438-3113

E-Mail: 73162.506 @ CompuServe.Com

### Newsletter Editor:

Jay I. Goodman, Ph.D.

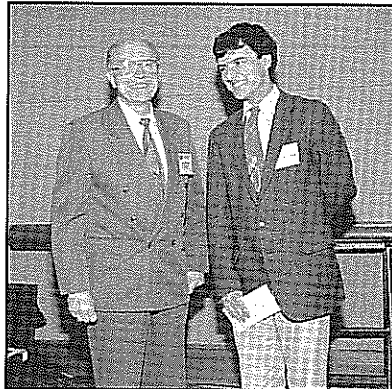
### Deadlines for Upcoming Issues:

June 3, 1995  
August 3, 1995  
October 3, 1995  
December 3, 1995

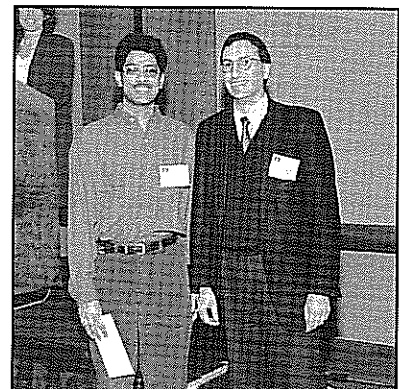
**1995 Annual Meeting**



*Donald R. Saunders poses with the CIBA-Geigy Award winner, Heather E. Kleiner*



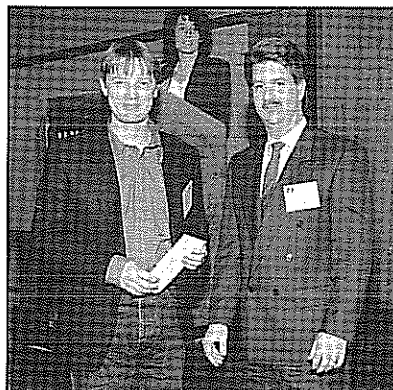
*Past President Emil A. Pfitzer presents the Hoffmann-La Roche Award to Radoslav Goldman*



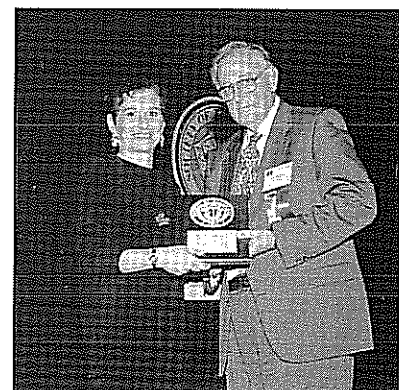
*George Daston presents the Procter & Gamble Award to Sanjay Jain*



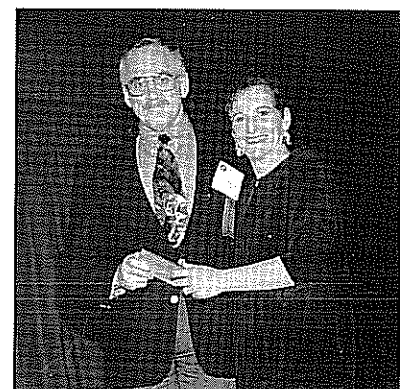
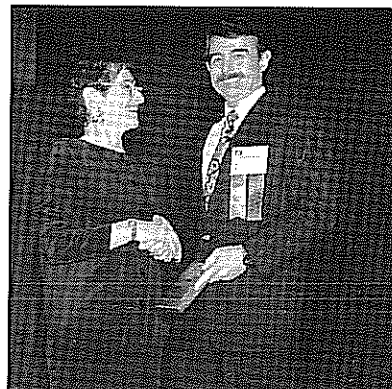
*Michele Medinsky presents the Hazleton Award to Michael DiMatteo*



*Daniel M. Bagley (right) congratulates Colgate-Palmolive winner, Bob Van de Water*



*Vice President Jack H. Dean presents outgoing President Meryl H. Karol with a plaque, commemorating the Society's sincere appreciation for her many achievements as president*



*President Karol presents plaques of appreciation to outgoing Treasurer Judith MacGregor (left) and to outgoing Councilors Robert Roth (center) and William Greenlee (right)*

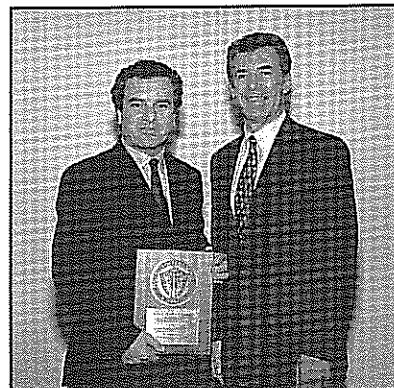




Martha Peck congratulates Burroughs Wellcome Award Winners, Curtis Omiecinski and Ellen Li



Meryl H. Karol proudly presents the 1995 Merit Award to Past President Robert Scala



Past President I. Glenn Sipes presents the Achievement Award to Lucio G. Costa

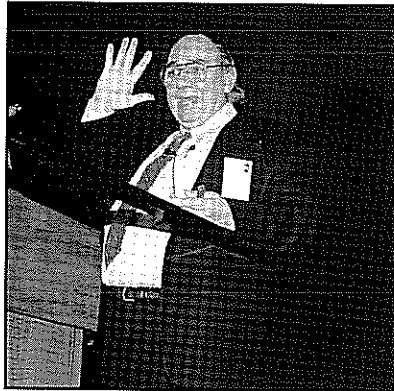
### 1995 Award Recipients

#### AWARD

#### RECIPIENT

CIBA-GEIGY .....	Heather Kleiner, University of Texas, Austin, TX
Hoffmann-LaRoche .....	Radoslav Goldman, University of Pittsburgh, Pittsburgh, PA
Procter & Gamble .....	Sanjay Jain, Northwestern University, Chicago, IL
Hazleton Laboratories Corporation ....	Michael DiMatteo, University of West Virginia, Morgantown, WV
Colgate-Palmolive .....	Bob Van de Water, Leiden University, Leiden, The Netherlands
Burroughs Wellcome .....	Curtis Omiecinski, University of Washington, Seattle, WA
.....	Ellen Li, Washington University, St. Louis, MO
Zeneca, Ltd. Traveling Lectureships ...	David L. Eaton, University of Washington, Seattle, WA
.....	Hanspeter R. Witschi, University of California, Davis, CA
Robert L. Dixon .....	Xuelin Li, University of Kansas, Kansas City, KS
Public Communications .....	Philip Abelson, Editor, Science Magazine, Washington, DC
Education .....	William Carlton, West Lafayette, IN
Achievement .....	Lucio G. Costa, University of Washington, Seattle, WA
Arnold J. Lehman .....	Emil A. Pfizer, Hoffmann-LaRoche, Inc., Nutley, NJ
Merit .....	Robert A. Scala, Rehoboth Beach, DE
Board of Publications Awards for the Best Paper in <i>Fundamental and Applied Toxicology</i> .....	J.L. Larson, D.C. Wolf, B.E. Butterworth
.....	M.I. Luster and
.....	C. Portier, D.G. Pait, G.J. Rosenthal, D.R.
.....	Germolec, E. Corsini, B.L. BayLock, P. Pollock, Y. Kouchi, W.
.....	Craig, K.L. White, A.E. Munson, C.E. Comment
Board of Publications Awards for the Best Paper in <i>Toxicology and Applied Pharmacology</i> .....	M.F. Denny, M.F. Hare, W.D. Atchison

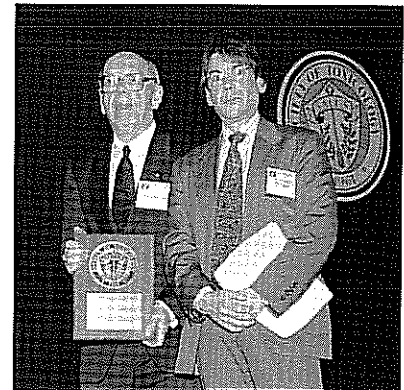
**1995 Annual Meeting**



*Plenary speaker Donald Coffey attracted a large crowd when he spoke on the "Chaos Theory"*



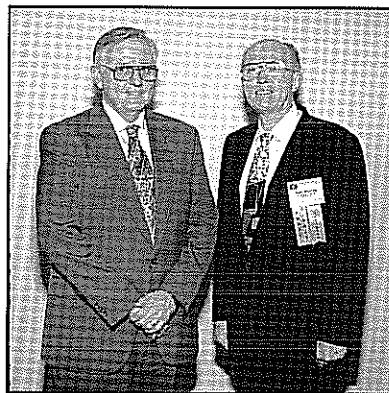
*President Meryl H. Karol congratulates new SOT Honorary Member, Charles Lieber*



*Secretary Jay I. Goodman presents Public Communications Award winner, Philip Abelson, with a plaque*



*After delivering her lecture, Burroughs Wellcome Scholar, Mahin D. Maines, stops for a moment to pose with Martha Peck and President Meryl H. Karol*



*Vice President Jack H. Dean congratulates Emil A. Pfitzer on receiving the Arnold J. Lehman Award*



*Councilor James Swenberg presents Education Award winner, William Carlton, with a plaque*



*Board of Publications chairman, Bernard Schwetz, poses with Toxicology and Applied Pharmacology Best Paper Award winners M.F. Denny, M.F. Hare and W.D. Atchison*

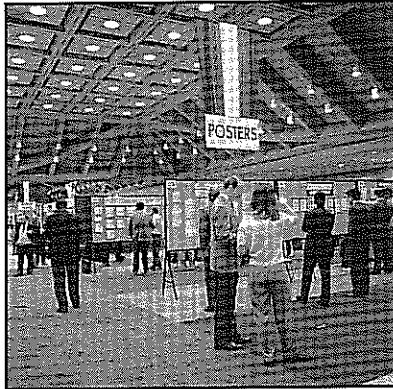


**Fundamental and Applied Toxicology Best Paper Award winners, J.L. Larson, D.C. Wolf and B.E. Butterworth, also receive a plaque from Dr. Schwetz**

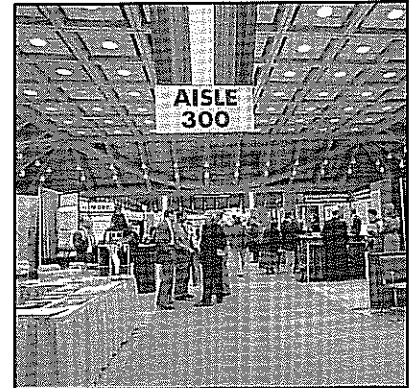
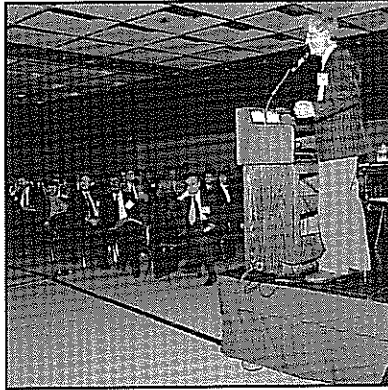


*(front row, from left) C. Portier; D. Germolec; E. Corsini (back row, from left); B. Schwetz; B. Blaylock; K. White; G. Rosenthal; M. Luster; A. Munson*

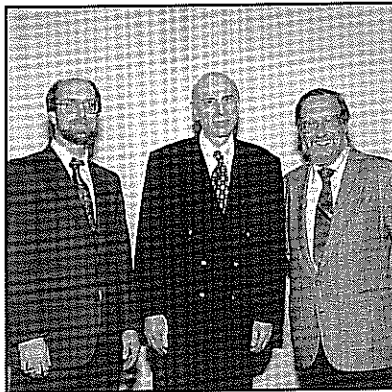
## 1995 Annual Meeting



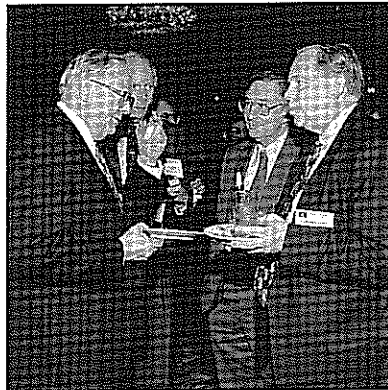
*Over 4850 toxicologists attended the 1995 SOT Annual Meeting*



*208 companies displayed their equipment and services in over 248 booths—Exhibitor booth space was once again sold out*



*John Doe congratulates Zeneca Traveling Lectureship winners, David L. Eaton and Hanspeter Witschi*



*SOT Annual Meeting Attendees mingled with fellow colleagues and friends at the newly established Final Night Reception. The reception replaced the traditional Awards Banquet*



*For the first time, the Regulatory and Legislative Affairs Committee sponsored a Write Congress booth*

## Write to Congress Booth a Success!

Almost 4,500 letters were sent to members of Congress by the attendees of the 1995 SOT Annual Meeting. Three pre-written letters were available to those wishing to write Congress. Of most interest was a letter that described SOT's position on the use of animals in the science of toxicology. Another popular letter provided a copy of the statement summarizing SOT's opposition to proposals to ban or severely curtail use of chlorine and chlorine-containing chemicals. The third letter expressed concern for the future of government sponsored biomedical research.

If you are interested in writing a letter and would like the address of your Congressperson or a copy of the prepared SOT letters, please contact SOT Headquarters.

## Thank You to 1995 Annual Meeting Sponsors

SOT extends its sincere thanks to the following organizations for their support of the 1995 SOT Annual Meeting:

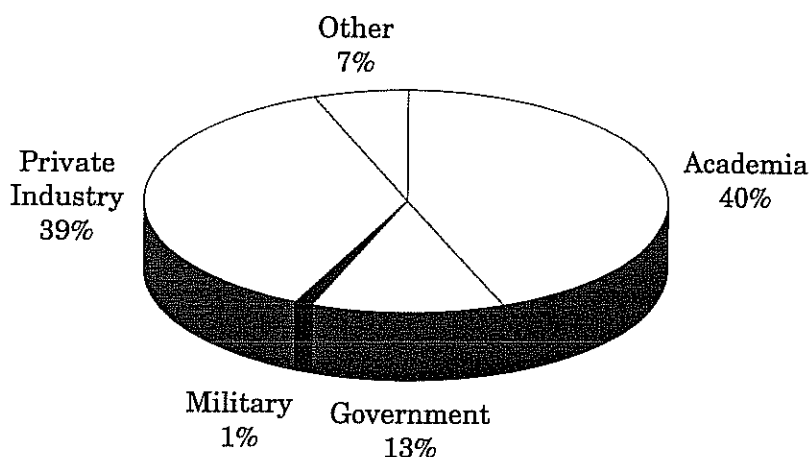
Academic Press  
Ani Lytics, Inc.  
Charles River Laboratories, Inc.  
Dyets, Inc.  
Eastman Kodak Company  
Eli Lilly and Company  
EPL, Inc.  
Exxon Biomedical Sciences, Inc.  
Hazleton Alumni  
Hazleton Laboratories  
ILSI  
R.W. Johnson Pharmaceutical  
Research Institute  
National Institutes of Health  
Pharmaco LSR  
The Procter & Gamble Company  
R.J. Reynolds  
Rhone Poulenc  
Sanofi Winthrop, Inc.  
Sigma Tau  
U.S. Army Medical Research  
Institute

## 1995 Annual Meeting Largest Ever!

Continued from page 1

the Banquet of years past. The Program Committee will continue to streamline the Awards Ceremony. Additionally the new format for the Annual SOT Business Meeting was well received and increased audience interaction. Overall the meeting was declared a success!

### Types of Organizations Attending the SOT 1995 Annual Meeting



The next SOT Annual Meeting will be held at the Anaheim Convention Center in Anaheim, California, March 10-14, 1996.

### 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 end of the Society's program. The 1996 Annual Meeting satellite meetings will be held in and around the Anaheim area. Proposals for the 35th Annual Meeting should be sent to Dr. James S. Bus, Toxicology Research Lab, Dow Chemical Company, 1803 Building, Midland, MI 48674. All proposals are due by July 31, 1995.

# Anaheim

## SOT

35th Annual Meeting  
March 4-10, 1996  
Anaheim Convention Center,  
Anaheim, California

### Mark Your Calendars

**Abstract Deadline is  
October 2, 1995! Forms  
will be sent with the  
July/August  
Communiqué.**

**Exhibit space is over  
50% sold out! Contact  
Clarissa Russell for  
further information  
(703) 438-3115**



---

# "SOT 1995 - The Challenge"

**Editors Note:** I thank Dr. Proctor for providing the article presented below and, in this context, I would like to call the membership's attention to the papers by Dr. Robert Neal and John Doull entitled "the Discipline of Toxicology" *Fundamental and Applied Toxicology* 24: 151-153, 1995.

by Charles D. Proctor, PhD, DSc (Hon.)

*This article is the first in a continuing series. It is written by a Charter Member of the Society, and provides perspective on the changes in the SOT and the science of Toxicology.*

Every good conjecture about the future has to be tempered by good consideration of the past. As Adlai Stevenson said, "We can chart our future clearly and wisely only when we know the path which has lead us to the present." This axiom is as true of organizations as it is of individuals, no doubt because organizations are made up of individuals.

In its thirty-four years of existence the Society of Toxicology (SOT) has been an endeavor—"a serious determined effort." Fulfilling this dictionary criterion for definition as "an endeavor" has little to do with defining the value of SOT ("Serious, determined effort" might well be exercised merely to yield ill-advised ends.) What does define the value of SOT? If service is "the rent we pay for being here," how well has SOT "paid the rent?" Could the worth of SOT derive from its phenomenal growth? Indicators of this growth include but are not limited to the following: membership: 183 in 1961-1962, 3,598 in 1994-1995; treasury funds: \$1,512.82 in 1962, \$2.5 million in 1995; annual meeting attendance: less than 100 in 1962, 4,850 in 1995; presentations at annual scientific meetings: 73 in 1964, 1,668 in 1995; symposia, workshops and roundtables at annual meetings: 1 in 1970, 23 in 1995; scientific journals: none in 1961, 2 in 1995. As impressive as such indicators are I believe that they quantify rather than define the value of SOT. They record what SOT has done increasingly over time, but do not define why what SOT did was valuable.

Searching for the definition of SOT value I finally realized that I had come upon it. I perceived that it is potentially valuable for a Society to have as its stated purpose "to promote

the acquisition and utilization of knowledge in toxicology and to facilitate the exchange of information among its members as well as among investigators of other scientific disciplines." The same potential for value resides in a Society which is "dedicated to developing knowledge for the improvement of the health and safety of living beings and the protection of their environment." The stated purpose is found in Article Second of the SOT Constitution. The dedication is the first sentence of the preamble to the SOT Code of Ethics. Implementation of this purpose and fulfillment of this dedication creates the value of SOT, past, present, and future.

Examination of the SOT record over the first 34 years of its existence allows for the conclusion that the Society has implemented its purpose quite well and fulfilled its dedication in good measure. Accepting this conclusion makes SOT a thing of value during its past and in its present. How then is SOT to maintain and extend its value into the future?

The future of any entity implies a continuity of the entity. In the case of toxicology and SOT this continuity is dependent upon the existence of a critical mass of toxicologists. Absent this critical mass of scientists and one

absence the possibility of either implementing the stated purpose of SOT or fulfilling its dedication.

Toxicologists are developed by a combination of education and training. Usually the training component of this development involves a preceptor/preceptee relationship between an advisor (experienced toxicologist) and an advisee (aspirant toxicologist). Most of this training is undertaken in course of implementing work on a research project. Such projects always require appropriation of money from somewhere: research money in or from industry; intramural and extramural federal government grants; intramural grants from institutions; grants from local government, etc. By far the greatest sources for such appropriations are the resources provided by extramural federal government grants and research money in or from industry. It follows that continued adequate availability of those resources is indispensable to continued development of a critical mass of toxicologists. The status of these resources is therefore germane to a consideration of the well being of toxicology in general and SOT in particular.

*The next article in this series will focus on the funding of toxicological research.*

---

## A New Toxicology News Forum on the Internet

*Continued from page 3*

institutions via the Internet with "browsers" such as the Mosaic, Netscape, or Gopher programs. Or you can obtain news by E-mail, although this method is discouraged. To get news by E-mail send a message to biosci@daresbury.ac.uk (Europe, Africa, or Central Asia) or biosci@net.bio.net (Americas or Pacific Rim). This message should con-

tain the words "subscribe toxicology."

If you need help getting started, contact your institution's computer system administrator. Help and additional information regarding BIOSCI/bionet news can be obtained by sending an E-mail message to biosci-help@net.bio.net, by world wide web at <http://www.bio.net> or by gopher at net.bio.net.

## **Animal-Rights Activist Pleads Guilty to Michigan State Lab Fire**

*Reprinted with the permission of The Associated Press*

Grand Rapids, Mich (AP - 3/3/95) A man accused of using fire and vandalism to promote his animal rights beliefs in several states, including Washington, pleaded guilty Friday to arson and theft of government property charges.

Rodney Adam Coronado, 28, pleaded guilty to aiding and abetting an arson in connection with the Feb. 28, 1992 fire at Michigan State University research facilities, the U.S. attorney's office said.

He also pleaded guilty to the February 1992 theft of a cavalryman's journal from a historical display at the Little Bighorn Battlefield National Monument near Crow Agency, Mont.

In exchange for his plea agreement, U.S. Attorney's offices in five other states, including Washington, will not pursue charges against Coronado, Michael Dettmer, the U.S. Attorney for the western district of Michigan, said in a statement.

Coronado's attorney, Frederick Dilley, did not immediately return telephone messages left by The Associated Press at his home and office Friday evening.

Coronado has admitted starting the fire at Michigan State that destroyed more than 25 years of research by Dr. Richard Auerlich on the effects of various toxins on Michigan's wildlife. The fire also damaged research being done by Dr. Karen Chau.

Officials estimated the fire caused between \$2.5 million and \$5 million in damage.

Coronado also admitted stealing and destroying a black leather notebook that belonged to Lt. Donald McIntosh, who was killed in 1876 during the retreat across the Little Bighorn River in Montana. McIntosh was 37 when he died and the bullet hole in the notebook is believed to have been from the fatal shot.

A group called the Animal Liberation Front claimed responsibility for the Michigan State fire and 1991 fires at Oregon State University in Corvallis, Ore., the Northwestern Farm Food Cooperative in Edmonds, Wash.; and the Malecky mink farm in Yamhill, Ore., according to grand jury charges filed in U.S. District Court.

The group also claimed responsibility for vandalizing research facilities at Washington State University in Pullman, Wash., on Aug. 12, 1991, and vandalizing a fur cooperative in Sandy, Utah, on Aug. 28, 1991.

In the Washington State University break-in, acid was sprayed into computers and files at animal-research offices, doing \$100,000 in damage, and a dozen research animals were released from cages.

In 1993 and 1994, a federal judge in Spokane, Wash., found two men and two women in civil contempt for refusing to tell a grand jury investigating the ALF raid what they knew about the group and about Coronado. All four spent time in jail for refusing to testify.

Coronado issued several statements supporting the ALF's actions. But upon entering his plea, he stated he was no longer involved with any animal rights groups. Coronado was arrested Sept. 29, 1992 in Tucson, Ariz., where he was living, after being considered a fugitive since the Michigan fire, Dettmer said.

He will be sentenced June 7 and faces up to 10 years imprisonment and a \$250,000 fine for each of the charges.

## **Workshop Concerning the Value of Animal Research a Success**

The Animals in Research Committee and the Veterinary Specialty Section sponsored a workshop session entitled "From Teachers to Toxicologists: Answering the Tough Questions About Animal Research" at the 34th Annual Meeting of the Society of Toxicology. This workshop addressed creative ways to communicate with the general public on important issues of science and the value of animal research. The timeliness and critical nature of such efforts by the scientific community was emphasized by animal rights protests which greeted the SOT membership at this year's meeting in Baltimore.

Dr. Harry M. Olson from Sanofi Winthrop, Inc. served as chairperson for this workshop. He emphasized that it is becoming increasingly important for biomedical researchers to effectively communicate the meaning and value of their work to the general public. A particularly important target group would be school children. Dr. Olson highlighted the importance of being prepared to address the often volatile issues of perceived vs. real risk and of experimentation and testing involving animals.

Dr. Thomas E. Eurell from the Department of Veterinary Biosciences at the University of Illinois spoke on the topic of "How Research on Animals Helps Animals." He reviewed the essential role of results from animal research in the development of drugs, vaccines, diagnostic tests, and surgical procedures that are currently used in human medicine. He then detailed how animal research and advances in human medicine have had direct and far-reaching benefits on the practice of veterinary medicine. Scientific advances based on animal research are being used to: 1) maintain the health of companion and farm animals, 2) provide new methods for diagnosis and treatment of sick animals, 3) protect the health and welfare of wildlife, and 4) aid the propagation of endangered species.

Dr. Steven Hermansky from Bushy Run Research Center addressed "Organizing and Implementing Effective Speakers Groups." He detailed the steps involved in creating a speakers group. Key elements are organization and commitment. He discussed preparing a mission statement for the group, recruiting speakers, making contacts with local organizations and schools, preparing speakers for presentations, fielding questions, and conducting follow-ups with speakers and the audience to determine which approaches were most effective.

Dr. Andrea K. Hubbard from Pharmaceutical Sciences at the University of Connecticut described "The CURE Program: A Statewide Multimedia Information Source." CURE, i.e. Connecticut United for Research Excellence, is a not-for-profit organization that includes research institutions, corporations, hospitals, professional societies, and voluntary health groups within Connecticut. Since its founding in 1990, CURE has organized a speakers bureau, developed a science newsletter for 6th-8th graders, conducted workshops for school teachers, provided brochures, and conducted essay contests. Success stories in these areas of outreach were presented.

These presentations were followed by a question and answer period. Much of this discussion concerned how to address difficult questions posed by the public or animal rights activists as well as a discussion of the logic used by animal rightists to support their arguments.

The enthusiastic nature of the discussion and the substantial attendance (200-300 persons) suggest that the workshop was successful and met an important need. Proceedings of this workshop will be published in *Fundamental and Applied Toxicology*.

## **Animal Rights Activists Picket SOT Meeting**

Attendees of the 34th Annual Meeting of SOT in Baltimore were greeted by a small group of animal rights protesters during the meeting's first day. These activities were covered by local TV News Bureaus. Dr. Harry M. Olson, Chairperson of the SOT Animals in Research Committee presented SOT's position on animal use in biomedical research and toxicology studies to the media. Dr. Olson succeeded in presenting a logical and strong case in support of animal research. His efforts resulted in news reports which were balanced and generally favorable to SOT's position and animal research.

## **Speaking of Animal Use**

In the November/December issue of *Communiqué*, Dr. Andrea Hubbard requested feedback from the SOT membership on how to answer questions on animal use in research when posed by family members, members of the community, or professional colleagues. Here are some responses received:

Dr. Bernard Goldstein suggested that scientists emphasize the value of animal research in the health of our pets. Pet owners, often targeted by activist organizations, clearly would recognize the value of safe flea and tick collars, vaccines, prosthetics, etc.

Dr. Michael Derelanko recently authored a paper entitled "Presenting Toxicology to the Public: The Middle School" (*J Amer College Toxicol* 13:314-320, 1994). He presents strategies appropriate for children between 9-13 years for explaining basic concepts of toxicology, for discussing the need for animals in research and for creating a scenario in which the children are "toxicologists."

Non scientists are often under the misconception that the use of animals in research can easily be replaced by tissue culture and computers. Dr. Martha Leibbrandt attempted to explain to the manager of a cosmetic shop that the sign in the window "Against Animal Testing" was, in fact, in direct conflict with the products she was selling. Dr. Leibbrandt emphasized that the information provided by cell culture and by computers both originate in live animal experimentation.

If other SOT members have had similar experiences or would like to share ideas, please contact Dr. Hubbard at FAX: 203-486-4998 or [Hubbard@UConnVM.UConn.Edu](mailto:Hubbard@UConnVM.UConn.Edu).

## **Pharmacia Biotech & Science Prize Offered to Graduate Students in Molecular Biology**

*Science* magazine, with the generosity of Pharmacia Biotech, has established the Pharmacia Biotech & *Science* Prize for Young Scientists, which provides support to scientists at the beginning of their careers. In 1995, the prize will recognize outstanding graduate students in molecular biology from all regions of the world. All applicants must submit a 1000 word essay describing his/her thesis in the general area of molecular biology. Applications are to be postmarked no later than midnight, July 5, 1995. The prize will be presented at a ceremony in Stockholm in December, 1995, and the winning essay will be published in *Science*. For more information contact Jeanette Prastein at *Science*, (202) 326-6501.

## Placement Service Seminar Hits the Road

Each year the Placement Committee holds a Placement Seminar at the Annual Meeting in conjunction with its Placement Service. A panel of guest speakers is invited to present their views on present and future career opportunities in the field of toxicology. This year the Seminar was captured on tape and will soon become part of a portable career development seminar. The Placement Committee is currently developing a flexible program that can be loaned out at the regional chapter level. Future announcements will appear in the Communiqué regarding the progress of this new program.

## Looking to Fill a Position?

Advertise your open position in the Communiqué. For a mere \$200, we will print a 100 word position description. Each additional word costs \$1. Your advertisement will be seen by the entire SOT membership. Looking for candidates couldn't be easier! For more information, contact Nell Durrett at SOT Headquarters, (703) 438-3115.

## Membership Application Fee Eliminated, Process Simplified

*Continued from page 1*

In addition, a sponsorship form replaces the sponsor letter that was previously required. Applicants must arrange for sponsorship forms to be completed by two Full Members of SOT. In some situations an additional letter is required.

The next membership deadline is September 1. If you are a student or associate member who would like to upgrade your membership type, or if you know someone who would like a copy of the new application, please contact Jackie Celcis at SOT Headquarters, (703) 438-3115.

## Chairperson and Endowed Professorship

Department of Environmental Health The College of Medicine, University of Cincinnati

Applications and nominations are invited for the CHAIR of the Department of Environmental Health and the Schmidlapp ENDOWED PROFESSORSHIP. The person filling this position will assume the leadership of a strong, well-funded, nationally recognized department with major areas of expertise in molecular and cellular toxicology, carcinogenesis, environmental hygiene and chemistry, occupational medicine, biostatistics, epidemiology, and policy and risk assessment. Collaborative research and training programs involve the Colleges of Medicine, Engineering, and Arts and Sciences, and the Children's Hospital Research Foundation. The CHAIR will have the opportunity to expand the department in new directions and lead the recruitment of another endowed professorship within the department. The department currently has 38 full-time faculty members, more than 100 graduate students and post-doctoral fellows, and is housed in an independent research complex with recently constructed laboratory, office and classroom space.

We seek an individual with an internationally recognized research program in any aspect of environmental health science and a strong commitment to graduate biomedical education. The successful candidate must have a Ph.D., M.D., or equivalent degree and an established, well-funded research program. Preference will be given to individuals with demonstrated leadership skills and vision for the future advancement of environmental health science.

Interested applicants should submit a curriculum vitae (including publications, funding history, and graduate educational activities) and the names of at least three references to:

Dr. David Millhorn  
Chair, Search Committee  
Chairman, Department of Molecular and Cellular Physiology  
College of Medicine  
University of Cincinnati  
P.O. Box 670576  
Cincinnati, OH 45267-0576

Review of candidates will begin immediately and continue until a suitable candidate is selected.

The University of Cincinnati is an affirmative action/equal opportunity employer. Women, minorities, disabled persons, Vietnam era and disabled veterans are encouraged to apply. UC is a smoke-free work environment.



## Ralph Wands 1919-1994

**Ralph Wands**, an active toxicologist and Certified Industrial Hygienist, passed away last year. In 1978 he received the prestigious Stokinger Award for outstanding contribution to the broad field of industrial toxicology. Over the years, he worked for Firestone Tire and Rubber Company, the U.S. Navy, 3M Corporation, the National Academy of Sciences, the Cosmetic Toiletory and Fragrance Association, CIIT and Mitre Corporation.

During most of his professional life, Mr. Wands served as a consultant for many government agencies and corporations. He also conducted classes, lead symposia, and shared his knowledge and love of science with others. He was author or coauthor of over 40 published papers and presented papers at several international professional meetings. Mr. Wands was noted for his command of the toxicological literature in developing databases and retrieval systems. Mr. Wands also contributed chapters to editions of Patty's Industrial Hygiene & Toxicology book.

*Submitted by: The American Industrial Hygiene Association,  
March 1995 Newsletter, Potomac Section  
and  
John Keller, Ph.D.,  
Apex Environmental, Inc.*

Mr. Wands will be missed by his many friends in SOT. In addition the Society of Toxicology gratefully acknowledges his family's contribution to the Toxicology Education Foundation.

## Dr. Bernard L. Oser (1899-1995)

**Bernard L. Oser**, 95, a Charter Member of the Society of Toxicology and a winner of its 1980 Merit Award,

died on January 21, 1995. Dr. Oser devoted his professional lifetime applying his expertise in nutrition and toxicology to the safe use of additives and flavors in foods. He organized scientific panels for the purpose of evaluating "safety in use" of natural or synthetic substances in the processing and/or marketing of foods for public consumption. He was a founding member of the Institute of Food Technologies and served on advisory panels of the National Research Council and the Expert Committee on Food Additives, sponsored by the World Health Organization and the Food and Agriculture Organization of the United Nations. In 1970 he was a member of the White House Conference on Food, Nutrition, and Health.

Dr. Oser always showed a sense of humor and personal charm which will be missed by his many friends and associates. He was an optimist and brought a feeling of good cheer to a group. Also he always demonstrated the highest level of personal and scientific integrity.

Born February 2, 1899 in Philadelphia, the son of Harris E. and Francis L. Oser, Dr. Oser was awarded baccalaureate (1920) and masters (1925) degrees from the University of Pennsylvania and the Ph.D. (1927) from Fordham University. During this period he worked as an assistant in Physiological Chemistry at Jefferson Medical College and as a biochemist at Philadelphia General Hospital. In 1926 he joined Food Research Laboratories, later Food and Drug Research Laboratories (FDRL), in midtown Manhattan as assistant director of the biological laboratory and then progressed to president and director and retired as chairman and owner in 1974. In the meantime the company had moved to Queens. After giving up the ownership of FDRL he continued work as a consultant, co-authored many scientific papers, and testified as an expert witness in court and before other public bodies.

He was a coauthor and editor of several editions of "Hawk's Physiological Chemistry," and the author or coauthor of over 400 papers and speeches. The subjects of his contributions ranged from methods of biological and chemical assay of various food ingredients to the toxicology and safety evaluation of food additives, drugs, pesticides and

related chemicals, and to the scientific aspects of food laws and regulations. During his professional life, Dr. Oser was a member of numerous scientific and professional groups and received many awards for his contributions to food science and safe nutrition.

Dr. Oser is survived by his wife, the former Clara Kotkin, a resident of the Dunrovin Health Center, Creskill, N.J.; a daughter, Zelda Oser Zelinsky, of Wilmette, Ill.; a son, Alan S. Oser, of Staten Island and an editor in the real estate section of the New York Times; a brother, Fil Oser, of the Bronx; six grandchildren and five great-grandchildren.

*Submitted by: Lauren A. Woods, Ph.D.,  
M.D., Professor Emeritus,  
MCV, Virginia Commonwealth University*

## Dr. O. Garth Fitzhugh Passes Away

It was reported in the January/February newsletter that Dr. O. Grant Fitzhugh has passed away. Dr. Fitzhugh's correct middle name is Garth.

## Change of Address?

*If you have recently moved or relocated, fax or mail a copy of your new address to SOT Headquarters. We will not only update your membership file, but we will forward the changes to Academic Press.*

*Within six weeks you will begin to receive journals at your new location.*

# ANNOUNCING

## The International Congress of Toxicology - VII

### Horizons in Toxicology: Preparing for the 21st Century

July 2-6, 1995 • Seattle, Washington USA

#### Keynote Lecturer

Leroy Hood, University of Washington, USA  
*Human Genome, Biotechnology and the 21st Century*

The VII International Congress of Toxicology (ICT-VII) will be held in beautiful Seattle, Washington, USA from July 2 to 6, 1995 at the Washington State Convention and Trade Center. The Congress, themed "Horizons in Toxicology: Preparing for the 21st Century," is expected to be the largest ever held, attracting leading toxicologists from around the world. The Scientific Program features speakers from Britain, Canada, Finland, France, Germany, India, Italy, Japan, Norway, Sweden and the United States. Registrations are still being accepted. Call (913) 345-1990 or fax (913) 345-0893 for registration details.

#### ICT-VII FEATURES

- 5 Plenary Lectures
- 21 Symposia
- 6 Continuing Education Courses
- 43 Poster Sessions
- 8 Platform Sessions
- 13 Poster Discussion Sessions
- 13 Workshops
- 2 Debates
- Over 1,000 Abstracts

#### Special Reminder for ICT-VII Registered Attendees:

Return your Social Program and Continuing Education Registration Forms today!  
A limited number of spaces are still available.

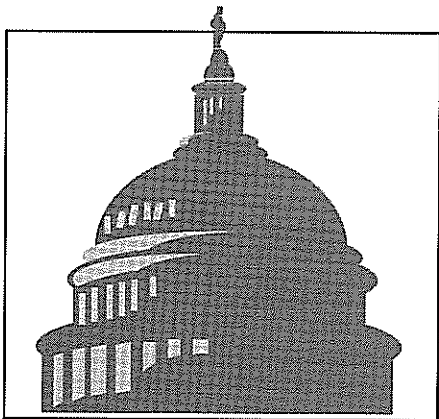
For additional information contact The ICT-VII Management Staff.  
4707 College Boulevard #213, Leawood, KS 66211  
phone: (913) 345-1990 • fax: (913) 345-0893

# UPCOMING CONFERENCES

- **Behavioral Toxicology Society**, May 13-14, 1995, Chicago, IL, Dr Hugh L. Evans, New York University Medical Center, (914) 351-4229, Fax (914) 351-3492.
- **3rd International Conference on the Biogeochemistry of Trace Elements in Contaminated Soils**, May 15-19, 1995, Paris, France, R. Prost, Natl. Inst. of Agronomic Research, Route de Saint-Cyr, F-78027 VERSAILLES, France.
- **Cambridge Healthtech Institute's Toxicological Mechanisms**, May 15-16, 1995, Hotel Nikko, San Francisco, CA, Cambridge Healthtech Institute, 1000 Winter Street, Suite 3700, Waltham, MA 02154, (617) 487-7989, Fax: (617) 487-7937, E-mail: chi@world.std.com
- **Rethinking Environmental Regulation...The Reform Agenda of the Administration and 104th Congress**, May 15-16, 1995, The Sheraton Crystal City Hotel, Arlington, VA, Inside EPA, PO Box 7167, Ben Franklin Station, Washington, DC 20044, (800) 424-9068, (703) 416-8505, Fax: (703) 416-8543.
- **Beyond Data: Practical Techniques for Communicating Risk**, May 16-18, 1995, Keystone Conference Center, Keystone, CO, (312) 988-7667.
- **American Association for Accreditation of Laboratory Animal Care**, May 20-21, 1995, Washington, DC, Loren D. Koller, Oregon State University, (503) 737-5547, Fax: (503) 737-0502.
- **Society for In Vitro Biology**, May 20-24, 1995, Denver, CO, Daniel Acosta, University of Texas, (512) 471-4736, Fax: (512) 471-5002.
- **Workshop on Food Toxicology and Safety**, May 21-25, 1995, Kuopio, Finland, Ms. J. Clark, Workshop Administrator, Univ. of East London, Fac. of Science, Romford Road, GB - LONDON E15 4LZ, U.K.
- **CELS IV: Successful Teaching and Learning in Undergraduate Life Sciences**, Jun 1-3, 1995, University of Wisconsin, Madison, 666 Warf, 610 North Walnut Street, Madison, WI 53705-2397, (608) 265-3497, Fax: (608) 262-0014, internet: celscbe@macc.wisc.edu.
- **Institute of Food Technologists**, June 3-7, 1995, Anaheim, CA, Daniel E. Weber, Institute of Food Technologists, (312) 782-8424, Fax: (312) 782-8348.
- **14th International Symposium of the Society of Toxicologic Pathologists**, Jun 11-15, 1995, San Diego Marriott Hotel and Marina, Mary M. O'Connor, Society of Toxicologic Pathologists, 875 Kings Highway, Suite 200, Woodbury, NJ 08096-3172, (609) 845-1720, Fax: (609) 853-0411.
- **Dietary Exposure to Contaminants and Additives - Risk Assessment in Europe**, Jun 12-13, 1995, Noordwijkerhout, The Netherlands, Ms. Alwine F.M. Kardinaal, TNO Nutrition and Food Research Institute, PO Box 360, NL-3700-AHJ ZEIST, The Netherlands; +31-3404-44225, Fax: +31-3404-57952.
- **1st Eur. Congress of Pharmacology and Molecular Biology**, Jun 16-19, 1995, Milan, Italy, EPHAR 95, Fondazione G. Lorenzini, Medical Science Foundation, VIA Appiani 7, I-20121 MILANO, Italy.
- **Benzene '95: An International Conference on Toxicity-Carcinogenesis-Epidemiology-Risk**, Jun 17-20, 1995, Jill Braun, EOHSI, (908) 932-9271, Fax: (908) 932-8726.
- **25th Meeting of the European Environmental Mutagen Society**, Jun 18-23, 1995, Noordwijkerhout, The Netherlands, EEMS '95, c/o Leiden Congress Bureau, PO Box 16065, NL-2301-GB LEIDEN, The Netherlands, +31-71-275299, Fax: +31-71-275264, E-mail steenberg@medicine.leidenuniv.nl.
- **Newer Issues and Developments in Risk Assessment 1995 Forum**, Jun 20-22, 1995, Resort at Squaw Creek, Olympic Valley, Lake Tahoe, CA, Hanspeter Witschi, UCTSR&TP Assoc. Director, (916) 752-0915, Fax: (916) 752-2880, E-mail: hpwitschi@ucdavis.edu.
- **Society for Epidemiologic Research 28th Annual Meeting**, June 21-24, 1995, Snowbird, UT, Stacy S. Norin, Society for Epidemiologic Research, (410) 223-1600, Fax: (410) 223-1620.
- **Indoor Air Quality Immunity and Health**, Jun 22-23, 1995, McKimmon Center, North Carolina State Campus, Mary E. Mills, Inst. Comp. and Env. Tox., Cornell University, Ithaca, New York, (607) 255-8008, Fax: (607) 255-8047.
- **5th Congress of the Society of Environmental Toxicology & Chemistry**, Jun 25-28, 1995, Copenhagen, Denmark, DIS Congress Service Copenhagen AS, Herlev Ringvej 2C, DK-2730 HERLEV, Denmark.
- **5th Meeting of the International Neurotoxicology Association**, Jun 25-30, 1995, Port Ludlow, WA, L.G. Costa, Univ. of Washington, Sch. of Public Health, Dept. of Environmental Health, Seattle, WA 98195, (206) 543-2831, Fax: (206) 543-8123.
- **Risk Assessment of Polycyclic Aromatic Hydrocarbons in the Environment**, Jun 26-28, 1995, Hyatt Regency Airport Hotel, San Francisco, CA, Alex Taylor, JACA Corporation, 550 Pinetown Road, Fort Washington, PA 19034, (215) 643-5466, Fax: (215) 643-2772.
- **Strategies to Improve Biocompatibility of Blood-Interacting Biomaterials**, Jun 26-27, 1995, Sheraton Boston Hotel & Towers, IBC USA Conferences Inc. 225 Turnpike Road, Southborough, MA 01772-1749, (508) 481-6400, Fax: (508) 481-7911.
- **International Symposium, Evaluation of Butadiene & Isoprene Health Risks**, Jun 27-29, 1995, Inn at Semi-Ah-Moo, Blaine, WA, John Ludwig, Symposium Coordinator, 2077 South Gessner, Ste 133, Houston, TX 77063, (713) 783-7511, Fax: (713) 783-7253.
- **ICT-VII, International Toxicology Meeting**, Jul 2-6, 1995, ICT-VII Management Staff, (913) 345-1990, Fax: (913) 345-0893.
- **American Board of Veterinary Toxicology**, Jul 8-12, 1995, Pittsburgh, PA, Dr. Robert Poppenga, University of Pennsylvania, (610) 444-5800.
- **Society for the Study of Reproduction**, 28th Annual Meeting, Jul 9-12, Davis, CA, Judith Jansen, Society for the Study of Reproduction, (608) 256-2777, Fax (608) 853-0411.
- **5th Panamerican Symposium on Animal, Plant and Microbial Toxins**, Jul 30- Aug 4, 1995, Frederick, MD, The Secretariat, Toxicology Division, USAMRIID - Fort Detrick, Frederick, MD 21702-5011, (301) 619-7211, Fax: (301) 619-2348, E-mail mereish@ncifcrf.gov.

## PUBLICATIONS OF INTEREST

- **1995 Drug Outcomes Sourcebook**, Healthcare Information Center, Falkner & Gray, Inc., NY, NY.
- **Chemistry & Biology**, Volume 2, Editors: Stuart L. Schreiber & K.C. Nicolaou, Current Biology LTD, Philadelphia, PA.
- **CRC Handbook of Toxicology**, Edited by Michael J. Derelanko, Ph.D. & Manfred A. Hollinger, CRC Press, Inc, Boca Raton, FL.
- **Drug & Chemical Blood Level Data 1994** (\$10 + postage, laminated wall chart 25" x 31"), Dr. Charles L. Winek, Allegheny County Department of Laboratories, 10 County Office Building, Pittsburgh, PA 15219, (412) 355-4425.
- **General & Applied Toxicology**, Edited by Bryan Ballantyne, Timothy C. Marrs, and Paul Turner, Vol 1: Basic, Route and Organ Toxicity, Vol 2: Specific, Regulatory and Specialist Toxicology, Stockton Press, NY, NY.
- **Human and Experimental Toxicology**, Editors: A.D. Dayan, W. Forth, and A.W. Hayes, Vol 14, Stockton Press, NY, NY.
- **Immunotoxicology and Immunopharmacology, Second Edition, Target Organ Toxicology Services**, Editors: Jack H. Dean, Ph.D., Michael I. Luster, Ph.D., Albert E. Munson, Ph.D., Ian Kimber, Ph.D., Raven Press, NY, NY.
- **Mechanisms of Toxicity and Repair, Joint Meetings of the British Toxicology Society and the Societa Italiana Di Tossicologia: Scientific Programme and Abstracts**, Venice 23-24 June 1988, Tel: 049-821.6511, Fax: 049-821.6621.
- **Mechanisms of Toxicity and Repair II, Clinical Aspects, Joint Meetings of the British Toxicology Society and the Societa Italiana Di Tossicologia: Scientific Programme and Abstracts**, Venice 23-24 June 1988, Tel: 049-821.6511, Fax: 049-821.6621.
- **Toxicology and Environmental Toxicology 1995: Books and Journals**, Taylor & Francis International Publishers, Bristol, PA.



## WATCHING WASHINGTON

### Thirty States Sign Biomedical Research Day Proclamations

On October 21, 1993, President Clinton and the U.S. Congress recognized National Biomedical Research Day. Joining the celebration were the governors of Texas, Washington, and New Jersey who signed similar proclamations to declare state Biomedical Research Days.

In January 1994, national iFAR spearheaded a nationwide petition drive to support the observance of Biomedical Research Day in the remaining 47 states. Signatures collected from throughout the country resulted in 27 additional states issuing proclamations.

The following are the 30 states who signed proclamations: Alabama, Arizona, Arkansas, Connecticut, Delaware, Florida, Illinois, Kansas, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New Mexico, North Carolina, Oklahoma, Pennsylvania, Rhode Island, Texas, Utah, Virginia, Washington, West Virginia, Wisconsin, Wyoming, and the U.S. Commonwealth of Puerto Rico.



## MEMBER NEWS

### Sharon Northup Inducted into The American Institute for Medical and Biological Engineering

Sharon J. Northup, Ph.D., was inducted as a Fellow into the American Institute for Medical and Biological Engineering (AIMBE) on March 13, 1995. The induction was "for outstanding achievements in polymeric materials toxicology and biocompatibility standards."

AIMBE was formed in 1991 with the aim of unifying the biological and engineering professionals in the U.S., promoting healthcare and biotechnology public policies and higher visibility for the interests, efforts and achievements of its members. The organization comprises 12 constituent societies and 50 academic institutions which collectively represent nearly 20,000 engineers, physicians and scientists. The number of elected fellows comprises 2% of the membership of the constituent organizations.

Dr. Northup, was elected to a third 5-year term on the Committee of Revision, Drug Standards Division, at the US Pharmacopeial Convention quinquennial meeting, March 9-12 in Washington, DC. This Convention represents the 50 state pharmacy associations, all U.S. medical colleges and pharmacy schools, and professional pharmaceutical societies. She will serve as Chair of the Toxicity and Cell Culture Subcommittee which establishes compendial assays for medical devices and drug delivery accessories; a member of the USP Drug Standards Division Executive Committee, which establishes policies and strategic objectives; and member of the U.S. Pharmacopeia-National Formulary Reference Standards Committee, which establishes criteria for identity, strength and purity of pharmacopeial drugs and other articles.

### Scala Award Goes to Arthur Levin

The Robert A. Scala Award honors the work of industry toxicologists and promotes continued outstanding scientific contributions to the field by industrial organizations. This year, the award committee selected **Arthur A. Levin, Ph.D.** as the 1995 recipient. Dr. Levin is a Research Leader at Hoffmann-LaRoche, Inc., Nutley, NJ.

Dr. Levin is known for his work in understanding the effects of cadmium on uteroplacental blood-flow as a mechanism for placental dysfunction and fetal toxicity; the role of thyroxine glucuronyl transferase following induction by phenobarbital as a secondary mechanism for thyroid cancer; the relationship of hypovitaminosis A in the testes to an inhibition of carrier protein generated by the liver; and the application of modern molecular biology to retinoid teratogenesis.

The Scala Award was announced at the Rutgers University's Joint Graduate Program in Toxicology reception at the SOT Annual Meeting in March.

### James T. MacGregor Honored for Accomplishments and Advances in Genetic Toxicity

In recognition for his efforts to focus public interest on the potential adverse health effects of genetic toxicity and for achievements in defining genetic damage in humans, SRI International scientist **James T. MacGregor, Ph.D.**, recently received the Alexander Hollaender Award. Presented at the March 1995 Annual Meeting of the 1,200 member Environmental Mutagen Society, the award recognizes more than two decades of research and professional activities by Dr. MacGregor, who currently serves as SRI's director of toxicology.