

Communiqué

Spring 2001

2001–2002 SOT Council



2001–2002 SOT Council

Back: Daniel Acosta, Lois Lehman-McKeeman, Rick Schnellmann, Sharon Lamb, Kenneth Ramos, Kendall Wallace. Front: George Corcoran, George Daston, William Greenlee, David Eaton, Marion Ehrlich. Not Pictured: Cheryl Walker.

Early Career Award in Neurotoxicology

The Society of Toxicology (SOT) and the American Chemistry Council (ACC) have announced the establishment of a new research award in Neurotoxicology, specifically directed to faculty researchers with fewer than five years of experience beyond the doctorate. The award of up to \$100,000 will be administered by SOT. The recipient of the award need not be a member of SOT, but will be encouraged to join if not already a member.

This joint program, sponsored by the ACC, was created to encourage investigators in the early stages of their careers. Traditionally such scholars have had to compete with more established researchers to secure funding for their projects. Funding for the program comes from the American Chemistry Council's Long-Range Research Initiative.

The application process for this award is modeled on the SOT Graduate Student Fellowship Awards. Materials will be available on June 1, 2001 as directed by the SOT Awards Committee. The Neurotoxicology Specialty Section of SOT will manage technical review of the applications through a Technical Review Committee appointed by its president. The recipient of the Early Career Award in Neurotoxicology will be announced at the 2002 SOT Annual Meeting in Nashville, Tennessee.

NEWS IN THIS ISSUE

| | |
|--|-------------|
| ACGIH on the Defense | 3 |
| Dow Supports TEF's Toxicology in the Classroom™ | 3 |
| New Web Site Launched—Added Membership Benefits—Easier to Use | 3 |
| Annual Meeting Highlights | 4–16 |
| Graduate Travel Award Recipients | 15 |
| Nominations Sought for Awards | 18 |

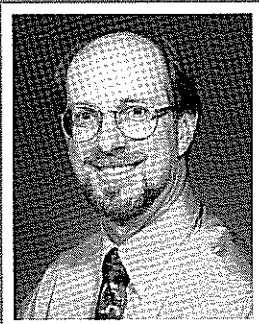
PRESIDENT'S MESSAGE

TOXICOLOGY IN THE NEW MILLENNIUM

It is a daunting privilege to assume the role of President of the Society of Toxicology for 2001-02. A *privilege* because this Society continues to be held in high-regard nationally and internationally as the major professional and scientific organization in the growing discipline of toxicology. *Daunting* because of the many important challenges and opportunities that we face in this first year of the new millennium. Before outlining a few of my hopes and aspirations for SOT in the coming year, I would like to personally thank **Dan Acosta** for his extraordinary leadership of the Society over the past year. Council was faced with many difficult challenges throughout the past year, and Dan led us through this wilderness with grace and good humor. Through Dan's leadership, the "belt tightening" groundwork laid by past President **Jay Goodman**, the excellent advice and counsel provided by our Treasurer, **Jacque Smith**, the guidance of others on Council, the hard work and dedication of our Committee Chairs, and the tireless work and effective management of **Shawn Lamb** and the AIM staff, **SOT enters this next year with a balanced budget and a sound financial plan for the coming years!** The success of our San Francisco meeting, with a record attendance of over 6,000, ensures that many of the important programs directed by our Committees will continue to provide service to our members, advance the science of toxicology, and contribute significantly to society as a whole.

Toxicology has, I believe, "come of age" as a fundamental biomedical discipline. There are few areas of biomedical science that are better positioned than toxicology to take advantage of the products of the human genome project and the explosion in molecular biotechnology advances that have occurred in the last few years. Leaders in these fields, such as **Francis Collins**, **Leroy Hood** and **J. Craig Venter**, frequently turn to examples in toxicology to extol the social and medical virtues of new biotechnologies and the human genome. I see a new appreciation for toxicology as a fundamental science among my colleagues at the University of Washington who have previously not appreciated, or had little understanding of, toxicology. The opportunity for new discoveries related to "gene-environment" interactions has caught the fascination of scientists from a wide diversity of fields, bringing with it a new appreciation for the role of environmental factors in many chronic diseases. Utilization of molecular information, including genetic factors and molecular biomarkers of exposure, susceptibility, and effect, will continue to transform the way risk assessment is done for drugs, consumer products, and environmental/industrial chemicals. Certainly one of the main goals for our Society in the coming year should be to ensure that we as a professional society play a leadership role in seeing that fundamental principles of toxicology are not lost in the zeal to incorporate molecular tools and information into toxicological hazard evaluation and risk assessment. While our Annual Meeting and associated Continuing Education programs, symposia, and workshops provide major means to achieve this goal, we need to continue to broaden the reach of our Society beyond the Annual Meeting. Regional Chapters will play a growing role in this through their own regional meetings and participation in other scientific activities. I have encouraged our Specialty Sections to take leadership roles in developing new "Current Concepts in Toxicology" (CCT) meetings. The Risk Assessment Task Force is sponsoring "Use of Genomic Data in Risk Assessment: State of the Art 2001," November 7-8 in Washington, D.C. Many professional societies sponsor "focused"

Continued on page 16



David Eaton, Ph.D.
2001-2002 President of the
Society of Toxicology



In order to reduce costs and take advantage of SOT's Web site, some *Communique* articles are printed in a condensed version in this newsletter. For those articles, full versions can be viewed on-line at www.toxicology.org.

A computer icon at the end of an article indicates that more information is available on the SOT Web site.



INSIDE

| | |
|--------------------|----|
| In Memoriam | 17 |
| Member News | 17 |
| Council Highlights | 18 |
| Placement Services | 20 |

ACGIH On the Defense

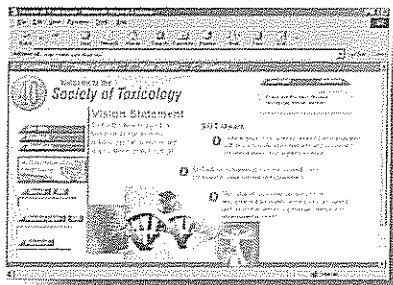
The role of science in the regulation of chemical and biological exposure has come under attack in the courts in recent months. The American Conference of Government and Industrial Hygienists (ACGIH) is the target of three lawsuits, all filed in December of 2000, that seek to restrain the group from publishing its annual list of TLVs (Threshold Limit Values) and BEIs (Biological Exposure Indices). Three separate suits sought Temporary Restraining Orders to prevent publication of TLVs. Two of the suits stem from industry groups opposed to publication of safe exposure limits on their products. The third accuses ACGIH of conspiracy to conceal dangerous levels of exposure. The organization has launched a vigorous defense against each suit. As of press time, two of the lawsuits had been dismissed and the third was pending resolution.

Dow Supports TEF's Toxicology in the Classroom™

The Toxicology Education Foundation (TEF) is pleased to announce that Dow Chemical Foundation has pledged \$25,000 for each of two years to support Toxicology in the Classroom™. Within this program, TEF is currently funding four projects providing quality science curriculum materials and teacher professional development opportunities. The programs include support of the 2001 "Paracelsus Goes to School" teacher workshop at the San Francisco SOT Annual Meeting and funding of leadership training provided by Environmental and Occupational Health Sciences Institute at the University of Medicine and Dentistry in New Jersey to trainers at NIEHS community outreach centers.

Continued on page 19

New Web Site Launched—Added Membership Benefits—Easier to Use



The SOT Web site has a brand new look and many new features. Changes to the look and navigational features of the Web site were inspired by the World Wide

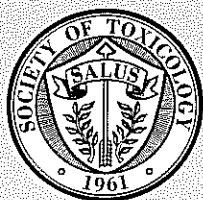
Web Task Force and have now come to fruition.

The new site includes revamped graphics, a scrolling news spotlight section, and drop-down menus to make it easier to find items of interest. A login feature on the home page replaces the old Members Only section login page and provides access to a growing array of features. New sections include a Student Toxicology Forum, where students can post comments under subject headings, public outreach materials for

K-12 Education and on the issue of use of animals in research, including printable brochures, an expanded and enhanced *Communiqué On-Line* section, and a new Download section with the latest in browsers and plug-ins for members to download free of charge.

Members are especially encouraged to use the new feedback section as a way of participating in the process of improving the Web site.

www.toxicology.org



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

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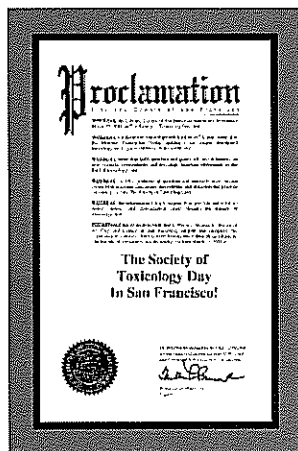
Newsletter Editor:

Kendall B. Wallace, Ph.D.

Deadlines for

Upcoming Issues:

June 2, 2001 (Summer Issue)
August 3, 2001 (Fall Issue)
December 3, 2001 (Special Issue)



Mayor Proclaims SOT Day in San Francisco

"Be it resolved, that I, Willie L. Brown, Jr., Mayor of the City and County of San Francisco, support and recognize the importance of scientific findings in toxicology made through the efforts of The Society of Toxicology, and do hereby proclaim March 25, 2001 as The Society of Toxicology Day in San Francisco!"

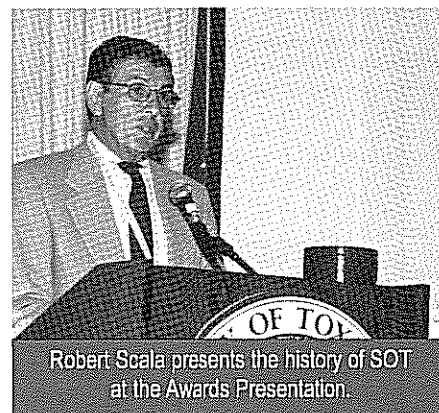
With the words of Mayor Brown's proclamation, more than 6,000 toxicologists gathered in San Francisco for the 40th Annual Meeting of the Society of Toxicology. The meeting broke records in almost every imaginable category, with more attendees than ever before, more abstracts submitted, and more poster presentations. From beginning to end, the 40th Annual Meeting will long be remembered as one of our finest.

SOT 40th Meeting Celebrates Past and Future

In 1961, nine far-sighted scientists formed the Society of Toxicology "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 in other disciplines." By the end of the first year there were 183 charter members, by the 25th year 2500 members, and in the 40th year over 5,000 members—far surpassing the founders' expectations.

In celebration of the Society's 40th Anniversary, the Annual Meeting included a number of enhancements. Regional Chapters and Specialty

Sections developed celebratory posters to recognize their groups' accomplishments and the Society's past presidents were honored pictorially. In addition, the Awards Ceremony was moved immediately preceding the Welcoming Reception with a welcoming address by Robert Scala, 15th President and Historian. At the ceremony, previous award winners presented the awards to the 2001 awardees. Overall, the 40th meeting was a celebration of the Society's past and its future. Special thanks to the members of the 40th Anniversary Task Force, who



Robert Scala presents the history of SOT at the Awards Presentation. helped to make the Society's 40th Annual Meeting a tremendous success!

SOT Award Winners



Ken Ramos (right) presents the Enhancement of Animal Welfare Award to Alan Goldberg (left).



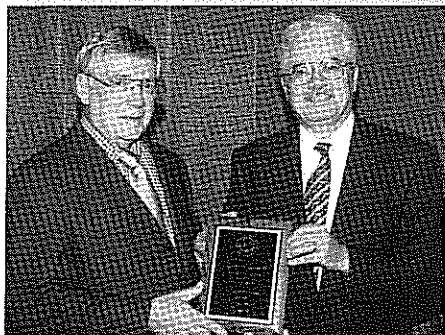
Robert Roth (right) presents the TAP Best Paper Award to Barbara J. Mounho (left).



Gary Williams (right) presents the Arnold J. Lehman Award to Samuel Cohen (left).

SOT 40th Annual Meeting

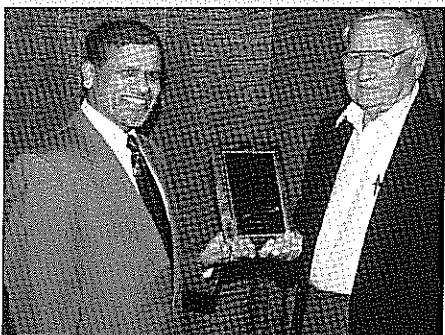
SOT Award Winners



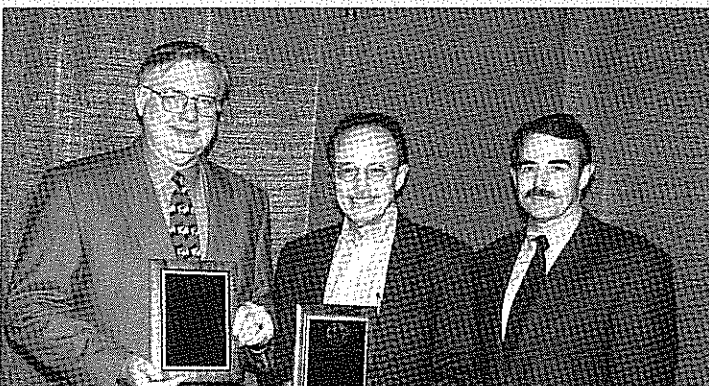
Daniel Acosta (right) presents new Honorary Member Herbert Needleman (left) with a plaque.



Mark Blazka (right) of Colgate-Palmolive presents the Colgate-Palmolive Traveling Lectureship in Alternative Methods to Garold Yost (center), of University of Utah, who will lecture at the Medical College of Wisconsin, represented by Ronald Hines (left).



Ted Loomis (right) presents the Education Award to Harihara Mehendale (left).



Robert Roth (right) presents the *ToxSci* Best Paper Award to James D. Yager (center) and Michael A. Trush (left).



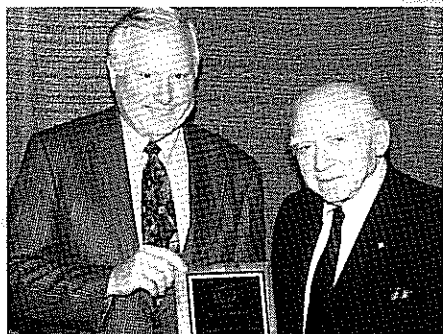
Michael Kamrin (right) presents the Public Communications Award to Anna Shvedova (left).



Bob Krieger (left) presents the Zeneca Traveling Lectureship Awards to Ronald Hines (center) and Richard Seegal (right).

SAN FRANCISCO MARCH 2001

SOT Award Winners



Frederick Coulston (right) presents the Merit Award to Donald Reed (left).



Dan Acosta (left) presents the Scientific Achievement Award to James Trosko (right).



Gabbie Plaa (left) presents the Achievement Award to Martin Philbert (right).



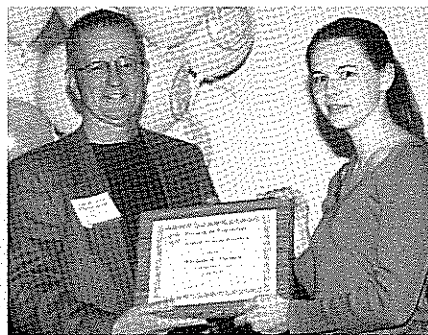
SOT Student Award Winners



Marion Ehrich (left), TEF President, presents the TEF Dixon International Travel Award to Mark Fielden (right).



Phillip Bentley (right) presents the Novartis Graduate Fellowship to Vishal Vaidya (left).



Ron Marler (left) presents the Covance Graduate Fellowship Award to Kirsten Feruck (right).



Mark Blazka (left) presents the Colgate-Palmolive Post-Doctoral Fellowship in *In Vitro* Toxicology to Christopher Reilly (right).



George Daston (left) presents the Procter & Gamble Graduate Fellowship Award to Elizabeth Tonkin (right).



Mark Blazka (left) presents the Colgate-Palmolive Post-Doctoral Fellowship in *In Vitro* Toxicology to Kevin Kerzee (right).



Thank You to the SOT 2001 Annual Meeting Sponsors

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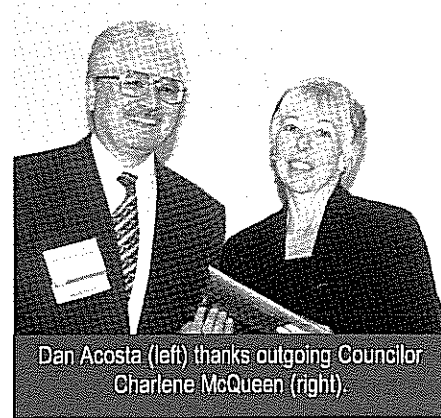
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Ricerca, LLC
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HAPPY 40TH

changing of the Guard



SOT 40th Annual Meeting

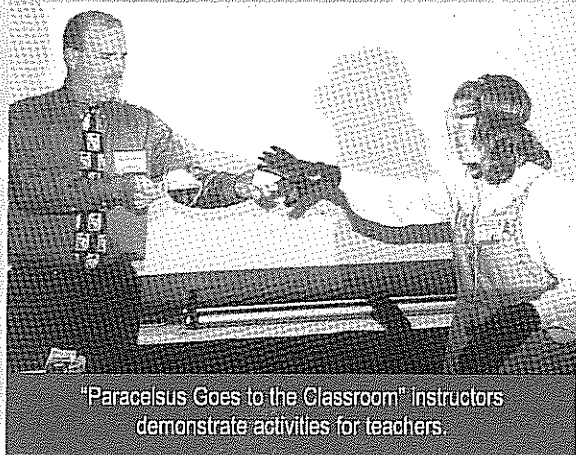
A Full Agenda



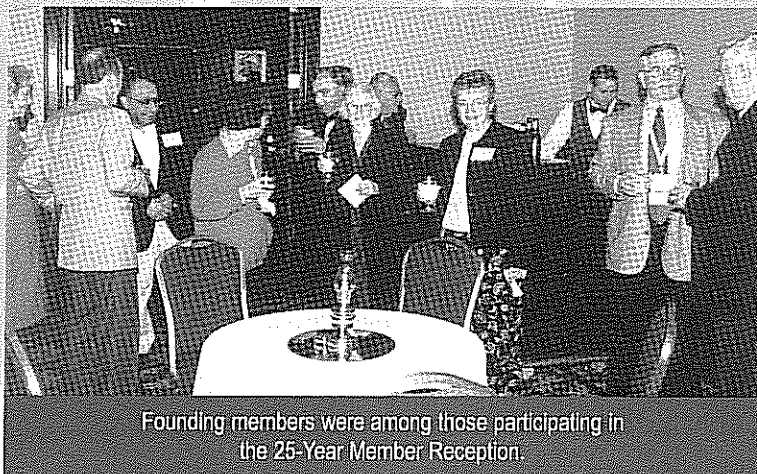
Record breaking numbers of posters were on display.



Posters presented opportunities for scientific discussion.



"Paracelsus Goes to the Classroom" Instructors demonstrate activities for teachers.



Founding members were among those participating in the 25-Year Member Reception.



Participants in the Undergraduate Minority Student Program networked.



The Sunrise Mini-Course led the day for Continuing Education.

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Hard Working Groups



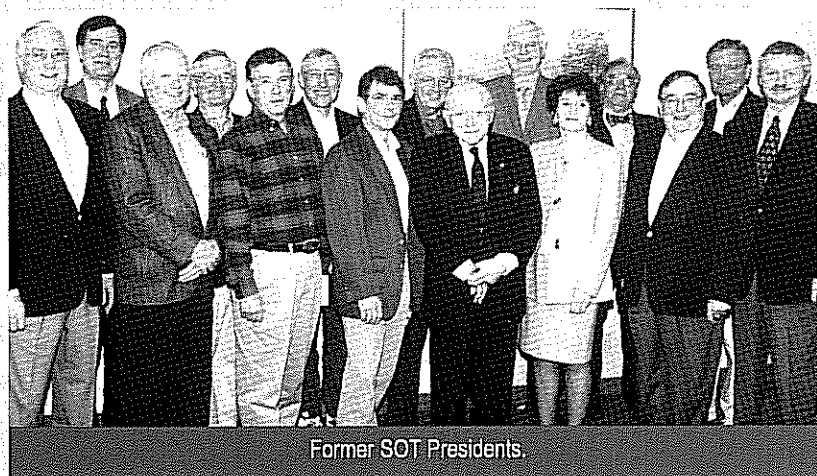
The Toxicology Education Foundation Board hard at work.



K-12 Education was featured at one exhibit booth.



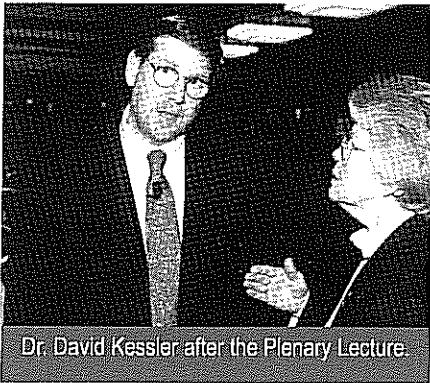
Council makes final preparations.



Former SOT Presidents.

SOT 40th Annual Meeting

“Tobacco Wars”—Dr. Kessler Provides Provocative and Entertaining Plenary Lecture



Dr. David Kessler after the Plenary Lecture.

Dr. David Kessler, former Commissioner of the US Food and Drug Administration, gave the plenary lecture at the 2001 Society of Toxicology meeting. During his tenure

as US FDA Commissioner from 1986–1997, Dr. Kessler initiated an investigation into the tobacco industry, to determine if tobacco products legally should fall under the US FDA definition of a drug or a “drug delivery device.” In his Plenary Lecture, “Tobacco Wars,” Dr. Kessler offered a compelling description of the many difficult issues his “tobacco team” encountered during their investigation. Dr. Kessler involved the audience in role playing, with audience members serving as the Commissioner of the US FDA, legal Counsel for a tobacco company, or research scientist. The provocative and entertaining lecture explored the processes, motivations, and “intent”

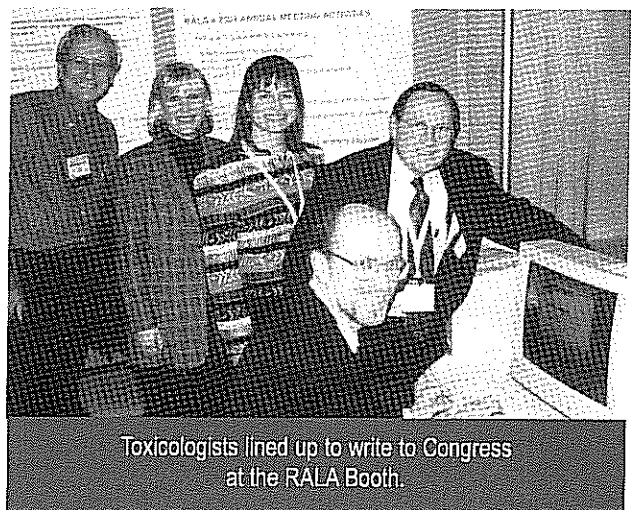
of tobacco companies to develop cigarettes with modified nicotine content, as disclosed by “insider information” and internal memos. The lecture provided an intriguing insight into the inner workings of the tobacco industry, as well as the US FDA. This riveting story can be found in its entirety in a new book by Dr. Kessler, titled: “A Question of Intent: A Great American Battle with a Deadly Industry.” *New Yorker* magazine says the story “...imparts an enormous amount of legal, political, and scientific information while maintaining the narrative drive of a thriller.” This aptly describes Dr. Kessler’s plenary lecture, as well!

SOT Web Site Enables Write-To-Congress Booth

The Exhibit Hall in the Moscone Convention Center was the site of at least one political hot spot during SOT’s Annual Meeting. Members of the Regulatory Affairs and Legislative Assistance Committee (RALA) sponsored their annual “Write-to-Congress” booth, but with a new twist. This year, the booth used SOT’s Web site facility to send letters to Congress. Committee members showed participants how to send e-mail or hard-copy letters to Congress directly from the Political Affairs page of the Web site.

Statistically, the effort was an unqualified success, with 684 letters sent to Washington. Of these, 132 were mailed as hard-copy letters and the rest as e-mails. Most participants chose to send the model letters: 152 on the Use of Animals in Research, 103 on Alternative Toxicology Methods, 91 in Support for the NIH Budget, and 57 in Support of Targeted Appropriations. Another 149 persons crafted letters of their own and sent them using the Internet site.

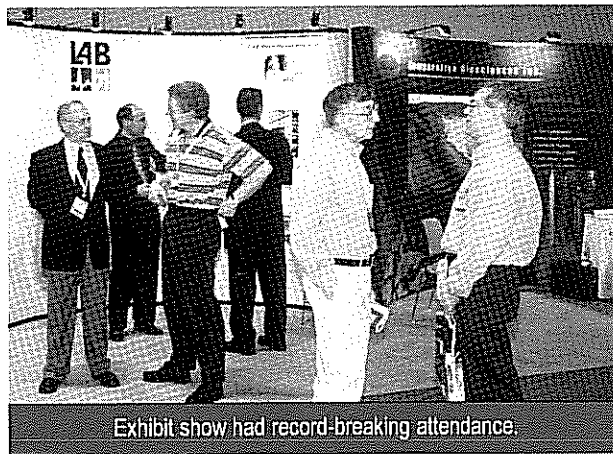
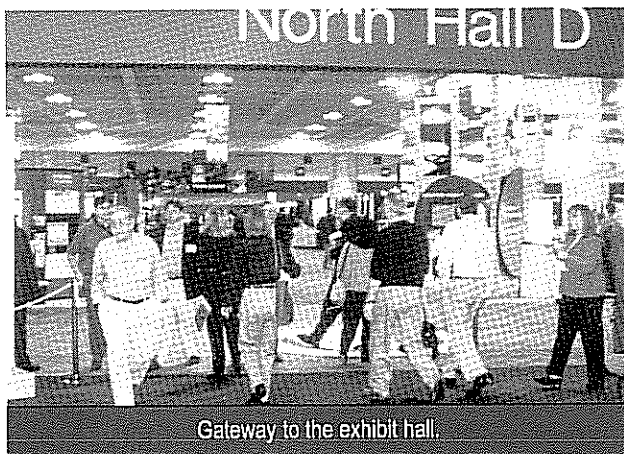
The Committee reminds everyone that it is not too late to write to Congress. The Political Affairs



Toxicologists lined up to write to Congress at the RALA Booth.

page of the SOT Web site (www.toxicology.org) includes a special link for writing to Congress or gathering information about the legislative process.

SAN FRANCISCO MARCH 2001



Exhibits Provide Educational Opportunities to Attendees

As in past years, the Exhibit Hall was a hub of this year's Annual Meeting. Meeting registrants had the opportunity to learn about cutting-edge technology and state-of-the-art tools.

SOT expanded the learning opportunities this year through Informational Sessions hosted by exhibiting companies. These one-hour sessions provided participants with first-hand knowledge about emerging technologies. Many attendees commented that they are looking forward to attending similar sessions next year.

Once again the exhibit hall was sold-out, but the interspersed poster presentations with the exhibits provided an open and expansive feel to this busy space. With over 70% of the exhibit space for 2002 Annual Meeting already reserved, the Society anticipates another sold-out exhibit floor at Opryland.

For information about exhibiting at the 2002 Annual Meeting, contact **Clarissa Wilson** at SOT Headquarters at (703) 438-3115, Ext. 326 or by e-mail at clarissa@toxicology.org. The 2002 exhibit floor plan and application for booth space are available on the SOT Web site.

Annual Meeting On-Line Placement Service a Success

The Society of Toxicology's On-Line Placement Service was a tremendous success at the 40th Annual Meeting. This service provides a year-round mechanism for linking employers and candidates through job placement opportunities. While on-site, registrants were able to interact with employers and other candidates, as well as browse through new job opportunities. The interview rooms were filled, the computers were busy with placement activity, and the message envelopes bulged with correspondence from inquiring employers and candidates. Although we have no record of the actual number of successful job placements, this level of activity suggests that the on-site service proved beneficial for all of its participants.



Using the SOT On-Line Placement Service Yet?

A Year-Round Service for Positions in Toxicology and Related Biological Sciences

Job candidates and employers can search the database by:

- ✓ Years of experience
- ✓ Areas of expertise
- ✓ Type of position
- ✓ Type of employer
- ✓ Salary
- ✓ Geographical location

(Job candidates have the option to remain anonymous.)

The Placement Service and fee schedule can be accessed through SOT's Web site and is available to both SOT members and non-members.

www.toxicology.org

(Select Public Outreach menu, then select Placement Service from drop-down menu.)

For more information, contact **Cletisha Vines**
phone (703-438-3115), fax (703-438-3113)
e-mail cletisha@toxicology.org

SOT 40th Annual Meeting

2001 SOT Graduate Travel Award Recipients

Leanne L. Bedard
Queen's University

Jeffrey C. Bemis
University at Albany, School of
Public Health

Neetesh Bhandari
University of Georgia

Christina M. Borgeest
University of Maryland

Christopher J. Bowman
University of Florida

Belinda J. Bray
University of Otago

Ellen A. Cannady
University of Arizona

Brian A. Carr
University of Utah

Darren W. Davis
University of Texas Graduate
School of Biomedical Sciences

Lorenza Franceschi
Pontifical Catholic University
of Puerto Rico

Xin Fu
University of Louisville

Grace L. Guo
University of Kansas Medical
Center

Heather M. Handley
MIT & Woods Hole Oceanographic
Institute

Jason M. Hansen
University of Michigan

Shih-Hsuan Hsiao
University of Illinois at Urbana

Jing Jiang
Texas A&M University

Cheryl A. Kassed
University of South Florida

Erica L. Kennedy
University of the Sciences in
Philadelphia

Julie C. Kern
University of Texas at Austin

Ramez A. Labib
UMDNJ Medical School

Jennifer A. Loertscher
University of Wisconsin-Madison

Hailing Lu
University of Washington

Stephen W. Luckey
University of Colorado Health
Sciences Center

Karen B. McClendon
Meharry Medical College

Anne M. McDermott
Iowa State University

Susan C. McKarns
Michigan State University

Jeffery H. Moran
University of Arkansas for
Medical Sciences

Kerry A. O'Brien
Cornell University

Chrysanthus J. Obot
Texas Southern University

Selen Olgun
VA-MD Regional College of
Veterinary Medicine

Andriana D. Papaconstantinou
George Washington University

William A. Price
Wright State University

Michael R. Rossi
West Virginia University

Annette B. Santamaria
University of Texas School of
Public Health

Kartik Shankar
University of Louisiana at Monroe

Angela M. Siesky
Indiana University School of
Medicine

Tasha R. Smith
Wake Forest School of Medicine

Xun Song
Oklahoma State University,
College of Veterinary Medicine

Dina Spassova
University of Minnesota

Jason P. Stanko
University of Alabama at
Birmingham

Mona Thiruchelvam
University of Rochester

Christopher Dennis Toscano
Johns Hopkins University SHPH

Tiffany E. Tribull
Clemson University

Kevin D. Welch
Utah State University

Yusong Yang
University of Texas Medical Branch

2001 Burroughs Wellcome Fund Graduate Travel Award Recipients

Norman J. Barlow
CIIT Centers for Health Research

Wenbin Deng
Rutgers University

Timothy J. Evans
University of Missouri, Columbia

Giuseppe Galati
University of Toronto

Gayle E. Hennig
University of Connecticut

Edward C. Meek
Mississippi State University

Damani K. Parran
University of North Carolina at
Chapel Hill

David E. Shubert
SUNY at Buffalo

Rodney W. Thompson
Vanderbilt University Medical
Center

Kimberly J. Voigt-Blum
St. John's University

Yi Yang
University of Cincinnati

Dan Yao
University of Illinois at Chicago

Education Subcommittee Grants Expand Activities

Success of the education programs at the 2001 annual meeting was bolstered with recent grant renewals. The NIEHS grant to the K-12 Subcommittee supplies teacher stipends and materials for participants in the "Paracelsus Goes to School" workshop. The award is \$15,000 each year for the San Francisco, Nashville, and Salt Lake City meetings. The Subcommittee for Minority Initiatives will receive about \$40,000 each year for four years from the NIH Minority Access to Research Careers program to support travel for participants in the Undergraduate Minority Student program.

This year, "Paracelsus Goes to School" included 75 teachers from the Bay area. About twenty toxicologists served as mentors for the teachers; many had attended

the special outreach training session earlier in the day. New materials for K-12 outreach at the K-12 Exhibit included a series of mentor tipsheets and a colorful career brochure; these can now be printed from the recently unveiled K-12 section of the SOT Web site.

A full 2½ days of Undergraduate Minority Student activities provided the opportunity for 32 undergraduate students and 8 advisors to learn about toxicology. The program included a series of lectures, a special poster session, meeting with representatives from academic programs and summer intern hosts, and tips for successful graduate school admission. Eight returning students were peer mentors and twenty-two toxicologists served as host/mentors.

President's Message

Continued from page 2

meetings on topics of current scientific interest, and through our CCT process, SOT has sponsored several such meetings over the past two years. However, we have not fully tapped the potential of our large and growing membership to develop such meetings. In the coming year, Council will re-examine how we can foster closer ties with "sister" organizations through more formal "liaison" appointments, and through co-sponsorship of CCT meetings. Of course our two journals will continue to serve as a major avenue of distribution of our science to the rest of the scientific world. Both editors (Curt Klaassen, *Toxicological Sciences*, and Mike Waalkes, *Toxicology and Applied Pharmacology*) have done a remarkable job in the past year with these journals, in part because of the hard work of our members who serve on the Editorial Board and as reviewers. Ensuring the continued growth and success of these journals will continue to be a high priority with Council.

While the first priority of SOT is, and should be, promoting our science, SOT as an organization must also continue to provide excellent service to our membership. After all, all of our accomplishments and attainment of goals depend upon the enthusiastic contributions of our members. Thus, if SOT Council and our management team (AIM) fail to address the needs of our members, our goals will not be met and we will have failed as an organization. Perhaps the most important single element of "success" in providing excellent service to our members is "communication." Through our committee structure, Regional Chapters, Specialty Sections, newsletter, and Web site, Council will strive to improve the level of communication to our members—but it must be "two way." I encourage you to get involved: express your opinions on important topics directly to Council or appropriate Committee Chairs, organize a symposium or workshop for the Annual Meeting or organize a CCT meeting, volunteer your time and

expertise to your Regional Chapter or Specialty Section. To learn more about the Society and ways that you can get involved, use the SOT Web site (www.toxicology.org) as a source of new information, and by all means suggest ways that we can improve our Web site, newsletter, and other avenues of communication.

I look forward to the coming year with both excitement and trepidation, but am comforted by the enthusiastic support of Council and the remarkable dedication and commitment of our members to the goals of this organization. In future issues of the *Communiqué*, I will address more specific issues of concern to our organization. I welcome your thoughts and ideas on how Council and I can make SOT a more effective professional and scientific organization.

David L Eaton

David Eaton, Ph.D.
2001–2002 President

In Memoriam



Tibor Balazs, D.V.M.

Jim Davis, Ph.D.

Bjorn Rickard Ekwall, M.D., Ph.D.

Heather Anne Ferguson, B.Sc.

John P. Frawley, Ph.D.

Harry W. Hays, Ph.D.

Frank L. Lyman, M.D.

Charles D. Proctor, Ph.D., D.Sc.

Theodore Wernick

Norman G. White, Ph.D.



HARRY W. HAYS

Harry W. Hays, a charter member of SOT and the founding editor of the *Journal of Toxicology and Applied Pharmacology*, died on February 6, 2001 in Washington, DC. He was 91.



Dr. Hays was born in Emmitsburg, MD and graduated from Franklin & Marshall College. He received a doctorate in biology from Princeton University.

He was a research pharmacologist with Ciba Pharmaceutical Company in Summit, N.J. and a professor of pharmacology at Wayne State University in Detroit before moving to Washington in 1957 to become director of the advisory center on toxicology at the National Academy of Sciences' National Research Council. In 1966 he joined the U.S. Department of Agriculture as director of the pesticides regulation division.

When that division was assigned to the Environmental Protection Agency, Dr. Hays was assigned to the national program staff for food, safety, and health. He retired in 1980. In addition to his founding work for the Society of Toxicology and its journal, Dr. Hays served as an adviser on toxicology for the *International Dictionary of Medicine and Biology*. Following his retirement, he served as a toxicology consultant for a number of years.

Dr. Hays is survived by his wife, Florence Hays of Washington, DC, and by his son, Gregory Hays of Hagerstown, MD.

Member News

Please see the *Communiqué On-Line* for a story about **Shamira Anika Jones-Brown**, an SOT Member who has been acclaimed a "Hometown Hero."



Exhibitor Directory Update

Please note the following updates to information contained in this year's *Exhibitor Directory*. The Exhibitor Yellow Pages (www.toxicology.org, go to Resources menu option.) connects you to the Annual Meeting vendors.

Bio-Rad

2000 Alfred Nobel Drive
Hercules, CA 94547
T: (510) 741-1000
F: (510) 741-5368
Internet: www.bio-rad.com

Esoterix Center for Clinical Trials

201 Summit View Drive, Suite 200
Brentwood, TN 37027
T: (615) 370-8393
F: (615) 370-2987
E-mail: ken.pennline@esoterix.com
Internet: www.esoterix.com

ISIS BioComp

39540 Tinderbox Way
Murrieta, CA 92562
T: (909) 677-2446
F: (781) 207-5533
E-mail: sales@isisbio.com
Internet: www.isisbio.com

LeadScope, Inc.

1275 Kinnear Road
Columbus, OH 43212
T: (614) 675-3730
F: (614) 675-3732
E-mail: smead@leadscope.com
Internet: www.leadscope.com

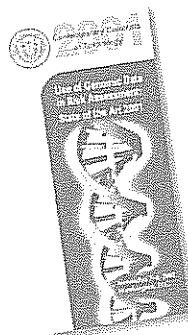
Northview Pacific Laboratories, Inc.

551 Linus Paul Drive
Hercules, CA 94547
T: (510) 741-3744
F: (510) 964-0551
E-mail: tomspalding@northviewlabs.com
Internet: www.northviewlabs.com

SOT Workshop

Use of Genomic Data in Risk Assessment: State of the Art 2001

November 7-8, 2001 Washington, D.C.



The workshop will focus on the use of genomic data for:

- Whole genome functional analysis in humans using cDNA microarrays.
- Integration of genomics, transcriptomics, and proteomics.
- SNP maps for drug response studies.
- Use of polymorphism data in risk assessment.

Ethical and legal issues over the use of tissue samples in genetic research.

Speakers include Francis Collins of NIH, Charles Cantor of Sequenom, Inc., and other experts from government, academia and the pharmaceutical industry.

Visit SOT's Web site at www.toxicology.org
or call (703) 438-3115 for brochure or more information.

Student Advisory Committee Moving Ahead

One of the newest SOT organizations helping to define the future makeup of the Society is the Student Advisory Committee (SAC). The SAC was formed to identify and present to SOT Council issues and ideas designed to increase student participation in the Society. Committee membership is made up of a student representative named by each of the regional chapters of SOT. Accomplishments of the SAC in the past year include addition of a student representative to the SOT Placement Service Committee and the creation of a student section to the SOT Web site (Membership Services menu option). Special thanks go to **Christiane Massicotte** (National Capital chapter, SAC chair for 2000), **Dana Tarka** (North Carolina chapter, representative to the Placement Committee), **Annette Santamaria** (Gulf Coast

chapter, representative to the 40th Anniversary Committee) and **Shawn Kinser** (Michigan chapter, WWW Task Force and student Web site designer) for jobs well done this past year.

The SAC convened on several occasions during the 40th Annual Meeting. After new officers for 2001 were elected, the committee discussed issues of immediate concern as well as new initiatives to propose for the coming year. The committee was also present during the Wednesday afternoon open meeting of all interested students and the SOT Council. Though sparsely attended, the meeting produced many good comments and insights into student concerns regarding issues such as scientific session formats, the Placement Service, and student social functions during the Annual Meeting.

Using input from the student/Council meeting and prior discussions, the SAC is currently working on proposals to present to SOT Council that can be used to expand and enrich the experience of students in the Society both now and in the future as associate and full members. The SAC would very much like to hear from students throughout the Society regarding issues and ideas for improvement of student participation. E-mail links to the regional representatives, the SAC chair (**Michael Lumpkin**, Southeastern chapter), and co-chair (**Miyun Tsai**, Southern California chapter) may be found, along with the new discussion forum, on the student section of the SOT Web site. The SAC would like to thank the SOT Council for its wonderful support and is looking forward to being part of exciting new changes to the Society.

COUNCIL HIGHLIGHTS

Highlights from the March Council Meeting

- 1 Council approved the donation of surplus 2001 CE Course Syllabi to IUTOX.
- 2 Council unanimously approved the final wording for changes to the By-Laws text regarding the Awards Committee. The full membership voted on the issue through the May Ballot.
- 3 Council meeting dates for this year are:
June 4th- June 5th in Reston , VA;
September 18th-September 19th in Baltimore, Maryland;
November 15th-November 16th in Baltimore, Maryland;
January 15th-January 16th at a location to be determined; and
March 17th at the Opryland Hotel in Tennessee.

Nominations Sought for Awards

SOT recognizes distinguished toxicologists and students each year with its annual awards. Recipients receive a plaque and a cash stipend, are listed in the annual *Membership Directory*, and are honored at the Awards Ceremony at the Annual Meeting. Information regarding the individual awards and mandatory application forms is available on the SOT Web site at www.toxicology.org. Select the **Information** menu, then **Awards and Fellowships** on the drop-down menu. The **deadline for the 2002 awards is October 9, 2001.**

Report of the Congressional Science Fellow

Dr. Harry Salem, Chief Scientist for Life Sciences at SBCCOM, serves as the 2001 Society of Toxicology Congressional Science Fellow. He serves on the staff of Congressman James Greenwood of Pennsylvania.



My task is to provide support in the use of scientific expertise in governmental legislation and policy decisions. To date I have made over 160 office calls to find a fit and to discuss various issues of interest in the House and Senate, as well as several committees. I provided input on public health and the environment, biotechnology, and labeling of these products, Gulf War illness, low-dose exposure and delayed and/or long term effects, chemical and biological terrorism, and multiple chemical sensitivities.

I serve on the staff of the Honorable Mr. Greenwood, Chair of the Subcommittee on Investigation and Oversight for the Committee on Energy and Commerce. This Subcommittee has the broadest investigative jurisdiction of any subcommittee in Congress. Congressman Greenwood "has the ability to call anyone from UFO cult leaders to computer hackers, to Nobel Prize winners to testify." In the office, Congressman Greenwood has ten full-time staffers to help him with these investigations. Among the governmental entities answerable to

Greenwood's Subcommittee are the National Institutes of Health, Federal Communications Commission, and the Environmental Protection Agency. He plans to hold hearings on a weekly basis, which makes it a very busy and challenging office to be associated with. The first hearing this year was on human cloning which made national headlines. This was followed by a hearing on computer security in the Energy and Commerce Department.

The issues that I address for Congressman Greenwood include global warming, arsenic, MTBE, health tracking, and emerging biological threats (natural and intentional). I have provided an information paper on global warming, and am assembling information on arsenic and MTBE. I have also attended a briefing by the Energy Information Administration. I plan to attend the meeting of the Allegheny-Erie Regional Chapter of SOT on May 11, which concentrates on MTBE. I have also assisted in the arrangements for a Members-Only Luncheon discussion of a growing menace, International Health Threats. The speakers included Laurie Garrett, a Pulitzer Prize-winning reporter and author of *The Coming Plague and Betrayal of Trust: The Collapse of Global Public Health*,

and Dr. Jerry Jaax, (Col. (R)) and Col. Nancy Jaax. The Jaax's are among the world's leading specialists on the "hot" (extremely infectious) viruses and high hazard biological research. Their heroic roles are detailed in the best-selling book, *The Hot Zone*. This program addressed emerging diseases (natural and intentional), including small pox, anthrax, ebola, mad cow, and foot and mouth diseases, and agro terrorism. The session may result in a hearing, or at least increase activity in our office. Current plans are underway in our office to conduct another Member Policy Forum on Bioterrorism.

In addition to all of this exciting work, I have been invited and plan to attend three birthday parties for Congressman Greenwood, one of which will also be attended by Senator John McCain.

If any of our members have any thoughts or information on these issues, I will be happy to hear from them.

I am really thankful and humbled by this privilege of walking the halls of the seat of our government, and providing scientific input to the legislative and policy process of our great nation.

Harry

Dow Supports TEF's Toxicology in the Classroom™

continued from page 3

These leaders then, in turn, provide professional development for teachers in their regions using the middle school unit of ToxRAP™, "What is the Matter with the Johnson Family?" TEF also funds distribution of the *Essentials of Cell Biology: Toxicology in Action*, a CD-ROM produced by the Center for Ecogenetics and Environmental Health at the University of Washington, and the BioRAP™ Risk Assessment issue. All of the curriculum materials meet national and state science standards and encourage active participation of students in science lessons promoting analytical thinking, providing a balanced understanding of the value of chemicals, and stressing the importance of toxicology in improving human health and the environment.

SOT member support is also important to make these programs possible. Contributions can be sent to TEF at 1767 Business Center Drive Suite 302, Reston, Virginia 20190. As TEF is a 501(c)3 charity, contributions are tax deductible as allowable by law. Employers may also match contributions, or may be interested in supporting a special distribution of Toxicology in the Classroom™ materials in their region. For further information contact bettye@toxicology.org.

2001-2002 officers of the Foundation include William Berndt, President, Judith MacGregor, Vice-President, and Ernest Hodgson, Secretary/Treasurer.

An Invitation to Get Involved

Dear Members of the Society of Toxicology,

This message comes to you as part of a continuing effort by the SOT Council to encourage your involvement in our effort to enhance the stature of toxicology as a scientific discipline. As you know, Council has been building a strong relationship with NIH's Center for Scientific Review over the last few years. You responded to our plea for suggestions and comments directed to **Ellie Ehrenfeld**, director of the Center and several members of the SOT Council met with Dr. Ehrenfeld to discuss the issue. Subsequently, Dr. Ehrenfeld has provided information to the Society through the *Communiqué*. This letter is both an update on recent actions at CSR and an invitation to you to continue your participation in this important process.

The NIH Center for Scientific Review recently announced an update of the new CSR proposed guidelines for reorganization of IRGs and Study Sections (Panel of Scientific Boundaries for Review Report, Phase 2). Details can be found at: <http://www.csr.nih.gov/PSBR/IRGComments.htm>.

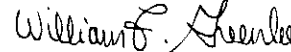
The first IRG area for which Study Sections have been proposed is Hematology. Three Study Sections were proposed within this Boundary area, and we were pleased to note that the Hematology A Study Section contains specific reference to "Toxicology as it impacts the formed blood elements" as one of six highlighted areas. We hope that the CSR continues to recognize the

importance of identifying toxicology as a key component in most, if not all, other IRG areas.

According to the Phase I report guidelines, "...the Panel expects those individuals involved in Phase 2 to ensure that applications related to crosscutting areas will be clustered so that they constitute at least 30 percent of applications in a study section. The membership of each study section should also include at least 30 percent who are experts for each area to be reviewed." If these recommendations for implementation of Phase 2 hold true in the development of new study sections, and toxicology appears as an explicit area of emphasis within a specific Study Section (as it does with Hematology A), we should anticipate that toxicology will be well represented in the membership of many Study Sections.

We encourage you to keep abreast of these changes as they develop, and to provide feedback directly to the CSR as they develop the IRGs areas most relevant to you.

Sincerely,



Jay Goodman, Daniel Acosta,
David Eaton, William Greenlee

PLACEMENT SERVICES

Lead the way! Become a leader by furthering your career and experience with one of the world's largest research-based companies. At Wyeth, part of American Home Products, your knowledge will help lead the way into a healthier world. Join us in one of these promising positions at our Drug Safety site. It is ideally located in New York's scenic Adirondack region, just an hour's drive from Montreal, Canada and Burlington, Vermont. This offers a unique proximity to varied (and international) cultural events and incredible recreational opportunities as well as housing choices to suit any price range and lifestyle. Wyeth offers competitive compensation and benefits programs.

Study Toxicologist

Successful candidate will serve as a Study Toxicologist and will assist designated Study Directors in the execution of GLP requirements for safety studies with specified drug candidates; will assist Study Directors in drafting protocol outlines, study protocols and other pre-study paperwork consistent with study designs; will review study data on a timely basis as well as non-routine findings; will draft/review deviations and amendments, QC reports, assemble and track reports to meet established timelines.

BS, Toxicology or Biological Sciences; minimum of 7 years relevant experience or MS, Toxicology or Biological Sciences;

minimum of 5 years relevant experience; Experience with GLP drug safety, computer skills, good teamwork and interpersonal skills required; Excellent written and oral communication skills also required.

Study Director (Inhalation Toxicology)

Successful candidate will plan, direct and interpret safety studies on new drug candidates via oral, parenteral and inhalation routes, taking overall responsibility for these studies in accordance with GLP and other regulatory guidelines; will serve as study team leader; must be able to perform oversight duties as Principal Investigator for studies directed by Drug Safety; monitor designated studies at contract laboratories; provide summaries of safety information for inclusion in submission to regulatory agencies.

Ph.D. in a science-related discipline plus 2-5 years of relevant experience.

Please send cover letter/current resume to Human Resources (Attn: Barbara Hebert), Wyeth-Ayerst Research, 641 Ridge Road, Chazy, NY 12921 or fax to (518) 846-6397.

Equal Opportunity Employer, M/F/D/V