

# SOCIETY OF TOXICOLOGY AWARDS

In recognition of distinguished toxicologists and students, SOT presents several prestigious awards each year. In addition to receiving the specific award, recipients are honored at a special Awards Ceremony at the SOT Annual Meeting and their names are listed in SOT publications. The deadline for the 2002 awards is October 9, 2001.

Information regarding the individual awards and mandatory application forms are available at the SOT Web site. The application deadline for the 2002 awards is October 9, 2001. Each SOT Award nomination (except those for the Best Paper Awards) must be submitted in writing by a sponsor and a seconder who are Full members of SOT. The supporting documentation must indicate the candidate's achievements in toxicology and is critical in the review of each candidate. The Awards Committee, chaired by Dr. Daniel Acosta, Jr., reviews these applications. Student Awards are reviewed by the Education Committee. Sponsored and Student Award submission requirements and review process may vary from those for the SOT Awards, therefore, please reference the SOT Web site.

## AWARD DESCRIPTIONS

### Achievement Award

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

### Arnold J. Lehman Award

The Arnold J. Lehman Award is presented to recognize an individual who has made a major contribution to risk assessment and/or the regulation of chemical agents, including pharmaceuticals. The contribution may have resulted from the application of sound scientific principles to regulation and/or from research activities that have significantly influenced the regulatory process. The nominee may be employed in academia, government, or industry and must be a SOT member. This award consists of a plaque and a cash stipend.

### Board of Publications Award

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

### Burroughs Wellcome Fund Toxicology Scholar Award

The Burroughs Wellcome Fund Toxicology Scholar Award offered five-year scholar awards to support career development in toxicology. These awards were intended to identify and encourage the development of established, independent investigators whose work will advance the understanding of toxicological processes on both fundamental and physiologic levels. (This award is no longer being offered.)

### Colgate-Palmolive Post-Doctoral Fellowship Award in *In Vitro* Toxicology

The Colgate-Palmolive Company sponsors the Colgate-Palmolive Post-Doctoral Fellowship Award in *In Vitro* Toxicology through the Society of Toxicology to advance the development of alternatives to animal testing in toxicological research. The award is given in alternate years and includes stipend and research-related costs (up to \$33,000) for one year. The award may be extended for an additional year upon agreement between Colgate-Palmolive and the post-doctoral fellow. Post-doctoral trainees in their first year of study beyond the Ph.D., M.D. or D.V.M. degree who are employed by academic institutions, federal/national laboratories or research institutes worldwide may apply. The Education Committee will review applications. The Education Committee will review applications which are due in even calendar years and the fellowship is awarded for the following year. The next application deadline: October 9, 2002.

### Colgate-Palmolive/SOT Awards for Student Research Training in Alternative Methods

The purpose of the Colgate-Palmolive/SOT Awards for Student Research Training in Alternative Methods is to enhance student research training using *in vitro* methods or alternative techniques to reduce, replace or refine use of animals in toxicological research. The Education Committee will present the awards to graduate students or to institutions that provide research internships. Up to six awards at \$2,500 each are available. Applications are accepted until all funds are committed.

# SOCIETY OF TOXICOLOGY AWARDS

(Continued)

**Graduate Students:** The award will help to defray expenses for graduate students in toxicology to visit an off-site laboratory for the purpose of gaining knowledge about and developing *in vitro* or alternative toxicology techniques that will support student's dissertation research. The overall goal of this program is to support the replacement, reduction or refinement of currently used animal models in toxicology research and testing.

**Institutions:** Awards will also be made to institutions that propose a 10-week research experience for students (at any level) involving *in vitro* toxicology or alternative methods to reduce, replace or refine the use of animals in toxicology research.

## **Colgate-Palmolive Traveling Lectureship in Alternative Methods in Toxicology Award**

The Colgate-Palmolive Company sponsors the Colgate-Palmolive Traveling Lectureship in Alternative Methods in Toxicology Award annually through the Society of Toxicology. This award covers expenses for an individual scholar to visit institution(s) for the dissemination of knowledge and for stimulating research that takes advantage of modern *in vitro* toxicology approaches. The overall goal of this program is to make scientists aware of the benefits of modern *in vitro* toxicology approaches and to simulate research for the replacement, reduction or refinement of currently used animal models. The scholar may be asked to make a special presentation at the SOT Annual Meeting.

Lecturing scholars should be established, mid-career through late-career scientists who are members of SOT and who are developing collaborative relationships with scientists at other institutions.

Requests for funds can be made by the individual scholar or by an organization such as universities, colleges, SOT Specialty Sections and SOT Regional Chapters, and other toxicology organizations that are interested in inviting the scholar. Up to \$15,000 is available. The Awards Committee reviews the applications, which must be accompanied by a statement of the applicant's experience, a brief overview of the techniques to be discussed in the lecture and a letter from the hosting institution(s) indicating their interest in serving as host and the potential benefits to the institution.

## **Contributions to Public Awareness of the Importance of Animals in Toxicology Research Award**

The Contributions to Public Awareness of the Importance of Animals in Toxicology Research Award is presented annually to an individual (or organization) in recognition of the contributions made to the public understanding of the role and importance of experimental animals in toxicological science. This award may be for either a single seminal piece of work or a longer-term contribution to public understanding of the necessity of the use of animals in toxicological research both to ensure and enhance the quality of human and animal health and the environment. The award consists of a plaque and a cash stipend.

## **Education Award**

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

## **Enhancement of Animal Welfare Award**

The Enhancement of Animal Welfare Award is presented annually to a member of the Society in recognition of the contribution made to the advancement of toxicological science through the development and application of methods that replace, refine, or reduce the need for experimental animals. This award recognizes outstanding/significant contributions made by members of the Society of Toxicology to the scientifically sound and responsible use of animals in research. The achievement recognized may be either a seminal piece of work or a long-term contribution to toxicological science and animal welfare. The award consists of a plaque and a cash stipend.

## **Frank R. Blood Award**

The Frank R. Blood Award was presented to the author(s) of the best paper published in official SOT publications during a 12-month period terminating with the June issue of the calendar year preceding the Annual Meeting at which the award was presented. This award was replaced by Best Paper Award.

## **Graduate Student Fellowship Awards**

The Graduate Student Fellowship Awards are provided by generous sponsors including Covance, Novartis Corporation and the Procter & Gamble Company, and are open to student members of the SOT engaged in full-time graduate study towards a Ph.D. degree in toxicology. The major professor must be a SOT member. The Education Committee's evaluation is based primarily on originality of the dissertation research, research productivity, relevance to toxicology, scholastic achievement and letters of recommendation. Finalists are interviewed at the Annual Meeting and receive travel support.

## **Graduate Student Travel Awards**

Graduate Student Travel Awards defray expenses for students presenting platform talks or posters at the annual meeting. To be eligible the student must be a SOT member (or have submitted a membership application) who has not previously received this award.

# SOCIETY OF TOXICOLOGY AWARDS

(Continued)

## Honorary Member Award

The Society of Toxicology recognizes non-members who embody outstanding and sustained achievements in the field of toxicology with the Honorary Member Award. Candidates are nominated by two voting or associate members of the Society. Seconding letters and information regarding career achievements in toxicology should accompany the nomination. A two-thirds vote of Council determines recipients, with not more than two Honorary Members elected during any one term of Council. Send nominations to SOT Headquarters.

## Merit Award

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

## Minority Undergraduate Student and Advisor Awards

The Minority Undergraduate Student and Advisor Awards program is part of the SOT Annual Meeting. This introduction to the discipline of toxicology is for undergraduate science majors from races and ethnic groups under-represented in the sciences (African American, American Indian or Hispanic American) and for their advisors. Advisors are eligible regardless of racial or ethnic background. Supported in part by a MARC grant from NIH, Pfizer, and Johnson & Johnson, the program includes an orientation, a special poster session with scientists, and activities with an SOT mentor. Meeting registration and support for travel, lodging, and meals are provided for students and advisors who are not local to the meeting site. Students and advisors from local institutions receive registration and an expense stipend.

## Public Communications Award

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

## Regional Chapter Awards

Most SOT Regional Chapters provide awards to recognize outstanding students. Application requirements and deadlines vary.

## Robert L. Dixon International Travel Award

The Robert L. Dixon Award, sponsored by the Toxicology Education Foundation, takes applications from graduate students in the area of reproductive toxicology. The award carries a stipend of \$2,000 for travel costs to enable a student to attend the International Congress of Toxicology meeting. It is available every three years. (Next application date is October 9, 2003.)

## Scientific Achievement Award

The Scientific Achievement Award is presented to a member of SOT who has made substantial and seminal scientific contributions to the discipline of toxicology. The prime consideration for this new award is scientific accomplishments and not necessarily service to the Society. This award consists of a plaque and a cash stipend.

## Society of Toxicology/American Chemistry Council Early Award in Neurotoxicology

The Society of Toxicology/American Chemistry Council Early Award in Neurotoxicology of up to \$100,000 is designed to encourage persons beginning their professional careers to conduct research that will improve the scientific basis for risk assessment and decision making with respect to the potential neurotoxicity of chemicals.

## Specialty Section Student Awards

Most SOT Specialty Sections provide awards to recognize outstanding student presentations at the SOT annual meeting. Application requirements and deadlines vary.

## Zeneca Traveling Lectureship Awards

The Zeneca Traveling Lectureship Awards are presented through the Society of Toxicology to recognize excellence in research and service in toxicology. Zeneca, Ltd., provides two awards annually to promote greater collaboration between European and North American toxicologists and to enable North American toxicologists to undertake a 3-4 week lecture tour of Europe. The awards are intended to familiarize recipients with research and regulatory issues in Europe as well as bring a North American perspective to these issues. Candidates for these awards should be established, mid-career North American scientists who are members of the Society and who demonstrate the ability to develop collaborative relationships with European colleagues. Two awards are given each year in the amount of \$6,000 each.

Applications must include a statement of the applicant's experience and area of expertise. A proposed itinerary and its underlying rationale should be provided, along with an indication of the benefits that the lectureship will confer on the applicant. The itinerary must include a visit and lecture at Zeneca's Alderley Park Facility in Cheshire, England. Candidates should contact the itinerary hosts prior to submission of the application. The application should not exceed 1,500 words.

The Society of Toxicology Awards committee will select recipients for the Zeneca Traveling Lectureships. The awardees will be named at the SOT 2002 Annual Meeting.

# 2001 Award Winners

The Society of Toxicology  
presented the following awards for the year 2001:

*In recognition of distinguished toxicologists and students, SOT presents several prestigious awards each year. Award recipients receive a plaque and a generous stipend, are listed in the annual Membership Directory, posted on the SOT Web Site and are honored at a special Awards Presentation at the SOT Annual Meeting.*

## Zeneca Traveling Lectureships



Ronald Hines

The 2001 Zeneca Traveling Lectureship Awards are presented to Dr. Ronald Hines, Professor of Pediatrics and Pharmacology/ Toxicology at the Medical College of Wisconsin in Milwaukee, and to Dr. Richard Seegal, Research Scientist at the Wadsworth Center, New York State Department of Health in Albany. Dr. Hines will visit university, industry, and research institute laboratories in

England, Scotland, Sweden, Finland, Denmark, France, and Portugal, where he will present lectures, learn about issues, and set up future collaborations. Dr. Seegal will visit England, the Netherlands, Germany, the Czech Republic, and Norway to present his research on PCBs, learn new techniques, and become more familiar with European risk assessment.



Richard Seegal

## Colgate-Palmolive Traveling Lectureship in Alternative Methods in Toxicology



Garold Yost

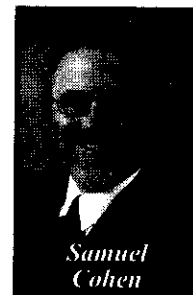
The Medical College of Wisconsin is the recipient of the 2001 Colgate-Palmolive Traveling Lectureship in Alternative Methods in Toxicology Award. Dr. Yost was been invited to visit the College to present lectures on his current work and, importantly, to foster new research directions concerning the development and use of human lung cell lines as surrogates for animal testing of respiratory toxicants. These cell lines will be used in studies

aimed at discerning mechanisms of gene regulation, particularly in response to environmental toxicants and also genes

encoding enzymes important for the disposition of such toxicants. Dr. Yost will collaborate with Dr. Ronald N. Hines, Professor, Departments of Pediatrics and Pharmacology/Toxicology, and Co-Director, Birth Defects Research Center, Medical College of Wisconsin.

## Arnold J. Lehman

The Arnold J. Lehman Award honors a member of the Society of Toxicology for major contributions that improve the scientific basis of risk assessment. The 2001 awardee, Samuel M. Cohen, has distinguished himself by conducting pioneering research on the role of cell proliferation in carcinogenesis. This research included the development of probabilistic models for cell proliferation and cancer. He conducted critical experiments on saccharin, establishing its mode of action in rats and the lack of relevance of the rodent data for humans. Dr. Cohen is Professor and Chair, Department of Pathology and Microbiology, University of Nebraska Medical Center in Omaha. In addition to a highly productive research and teaching career, Dr. Cohen has freely given his time serving on national and international committees involved in toxicology and risk assessment. His leadership has been pivotal in championing the inclusion of more science in the risk assessment process and has led to more accurate assessment of human risks.



Samuel Cohen

## Contributions to Public Awareness of the Importance of Animals in Toxicology Research



### Massachusetts Society for Medical Research

Understanding is our biggest breakthrough

The Massachusetts Society for Medical Research, Inc. (MSMR) is recognized for long-term and significant contributions made to the public understanding of the role and importance of experimental animals in toxicological science, both to ensure and enhance the quality of human and animal health and the environment.

Massachusetts Society for Medical Research, Inc. promotes and enhances biomedical and biological research, including the proper care and use of animals. MSMR provides print and electronic resources and innovative programs to students, educators, government officials, media representatives, the general public, and the research community itself. MSMR programs are developed in close partnership with its member institutions throughout the Northeast. Among recent activities recognized by this award are an evening seminar series featuring prominent toxicologists, a newsletter for middle and high school teachers and students introducing the science of toxicology and risk assessment, *People & Animals: United for Health*, a comprehensive curriculum resource for secondary-level teachers with correlated teacher training workshops, exhibits at teacher conferences, and two other programs, *Risky Business: Skills, Awareness & Understanding of Risk Assessment* and *What's in a Label?*

## Enhancement of Animal Welfare



Alan Goldberg

The 2001 Award for the Enhancement of Animal Welfare is presented to Dr. Alan M. Goldberg, Professor of Toxicology at the Johns Hopkins School of Hygiene and Public Health. Dr. Goldberg is the founder and director of the Center for Alternatives to Animal Testing (CAAT) at Johns Hopkins University. It is impossible to overstate the significance of Dr. Goldberg's contribution to the formation and continued success of CAAT. No one

was better prepared to seize this opportunity, no one has more commitment to ensuring its success, and no one has wider respect among all stakeholders. Dr. Goldberg's achievements at CAAT clearly demonstrate that he is a true leader in toxicology who has exemplified ways to enhance animal welfare while maintaining quality toxicological science. Today, CAAT is recognized internationally as a focal point for the development

and validation of scientifically sound toxicology assays that reduce animal testing.

One of Dr. Goldberg's most recent projects, "TestSmart," brought together representatives from academia, industry, government, and the animal welfare community to forge an immensely creative and significant effort to refine, reduce, and replace the standard methods used by the Organization for Economic Cooperation and Development for chemical testing. Dr. Goldberg has brought to this undertaking the extraordinary vision to recognize within this program the unparalleled opportunity for improving both testing and animal welfare.

## Public Communications Award—CPC



Anna Shvedova

The 2001 Public Communications Award is presented to Dr. Anna Shvedova of NIOSH in Morgantown, West Virginia. Dr. Shvedova, through her leadership positions in the Allegheny-Erie Chapter of SOT (AESOT), advanced the cause of public awareness of the importance of toxicological research through two innovative projects. The first was the development and dissemination of the regional *Paracelsus Goes to School* program, which

is designed to educate high school teachers about the science of toxicology. AESOT has presented this program four times, in Ohio, Pennsylvania, and West Virginia, reaching over 75 teachers who in turn are responsible for teaching many thousands of high school students. The program now includes laboratory experiments as well as lectures. The second program initiated by Dr. Shvedova, with financial aid from AESOT, was a summer student program in toxicology at NIOSH. The program has sponsored more than 100 college undergraduate students. The culmination of these students' summer has been the preparation and presentation of posters at an AESOT meeting. The Public Communications Award recognizes Dr. Shvedova's leadership in these projects and her infectious enthusiasm which has energized the AESOT's efforts in this area.





## Board of Publications Best Paper Awards:

### Toxicology and Applied Pharmacology

This Board of Publications award is presented to the author(s) of the best paper published in the SOT journal, *Toxicology and Applied Pharmacology*, in the year ending June 2000.

*The Extracellular Signal-Regulated Kinase (ERK) Pathway Contributes to Mitogenic and Anti-Apoptotic Effects of Peroxisome Proliferators In Vitro.* Barbara J. Mounho and Brian D. Thrall.

Peroxisome proliferators are a class of nongenotoxic rodent hepatocarcinogens thought to induce tumors by altering the balance between mitosis and apoptosis. Previous studies suggest mitogenic growth factors that act through the extracellular signal-regulated kinase (ERK) pathway, including insulin and epidermal growth factor (EGF), modulate peroxisome proliferator-activated receptor  $\alpha$  (PPAR $\alpha$ ) activation as well as the mitogenic activity of peroxisome proliferators. This paper investigates whether the ERK pathway plays a role in regulating the growth and survival altering properties of peroxisome proliferators in primary mouse hepatocytes. The studies indicate that activation of the ERK pathway through a P13K-dependent mechanism may play a significant role in the tumor promoting properties of peroxisome proliferators.

### Toxicological Sciences

This Board of Publications award is presented to the author(s) of the best paper published in the SOT journal, *Toxicological Sciences*, in the year ending June 2000.

*Increased Mitochondrial Superoxide Production in Rat Liver Mitochondria, Rat Hepatocytes, and HepG2 Cells following Ethinyl Estradiol Treatment.* Jinqiang Chen, Yunbo Li, Jackie A. Lavigne, Michael A. Trush, and James D. Yager.

Ethinyl estradiol (EE) is a strong promoter of hepatocarcinogenesis. Treatment of rats with EE and other hepatic promoters induces a mitosuppressed state characterized by decreased hepatocyte turnover and reduced growth responsiveness. In a previous work, the authors identified several nuclear and mitochondrial genome-encoded mitochondrial genes whose transcripts were increased during EE-induced hepatic mitosuppression in rats and in EE-treated HepG2 cells. This paper provides additional characterizations of these effects. The results support a working hypothesis that in liver cells, increased respiratory chain activity induced by estrogen treatment requires both metabolism to catechols and an estrogen receptor-mediated signal transduction pathway.

## Education



Harihara  
Mehendale

The 2001 Education Award is presented to Dr. Harihara M. Mehendale. Currently he holds the Kitty DeGree Endowed Chair in Toxicology at the University of Louisiana at Monroe (ULM). Since moving to ULM, he has been successful in fostering an excellent training program in toxicology at this institution. Dr. Mehendale also established a center for toxicology, which is preeminent in the State of Louisiana and has gained considerable national recognition in recent years.

Dr. Mehendale has been actively involved in educational activities in the Society of Toxicology through the task force for toxicology education and has served as the Secretary/Treasurer of the Toxicology Education Foundation. His work on the task force helped development of SOT's Minority Education Program (known today as the Undergraduate Education Program). In addition, he has worked behind the scenes to contribute to the awareness of public education in toxicology through public forums. Dr. Mehendale remains in demand as a lecturer for other training programs in the United States and elsewhere.

Dr. Mehendale has been widely recognized for his outstanding original research contributions and received many awards including the Burroughs Wellcome Toxicology Scholar Award and the Researcher of the Year Award from ULM in 1995.

## Achievement

The 2001 Achievement Award is presented to Dr. Martin Philbert, Associate Professor of Toxicology at the University of Michigan. Dr. Philbert's research is in the area of neurotoxicology, particularly in understanding the role of the mitochondrial permeability transition in toxicant-induced oxidative stress and injury in the central nervous system. His research interests include encephalopathies induced by nitro compounds, toxicant-induced gliomas, and neuropathological consequences of early exposures to toxicants. He has published over 30 papers, book chapters, and reviews. Dr. Philbert's interests extend to biotechnology—He holds two patents for nanooptochemical devices for the detection and treatment of cancer. Continuation of this work is supported by NCI's Unconventional Innovations Program. Dr. Philbert received his Ph.D. from the London University Royal Postgraduate Medical School. He did post-doctoral work at Rutgers, where he later



Martin  
Philbert

## 2001 Award Winners

Continued

joined the faculty as a Research Assistant Professor before moving to the University of Michigan. In addition to his research, Dr. Philbert has a significant role in training undergraduate, graduate, and professional students.

### Scientific Achievement



Dr. James E. Trosko, Professor of Pediatrics and Human Development, Michigan State University, is the recipient of the 2001 Scientific Achievement Award. This is the first year that the Society has presented this award. Dr. Trosko is a leader in research into understanding the mechanistic basis of the multi-stage, multi-mechanism process of carcinogenesis. His research has focused upon three major areas: radiation-induced

DNA damage/ repair, modulation of intercellular communication, and the role of stem cells in the cancer process. While the Awards Committee was very impressed with Dr. Trosko's research activities overall, the Scientific Achievement Award is based primarily upon his pioneering research exploring the effect of tumor promoting compounds on epigenetic effects; specifically, modulation of gap junctional cell-to-cell communication. His laboratory has developed three key assays (metabolic cooperation, scrape loading dye transfer, and fluorescent redistribution after photo-bleaching) to assess functional gap junctional intercellular communication (GJIC). With these tools in hand, a structure-function relationship was demonstrated with nongenotoxic compounds that act as tumor promoters and their ability to inhibit (GJIC). His legacy for challenging scientific dogma when the experimental data provide for an alternate conclusion is well established. Indeed, Dr. Trosko's unwillingness to accept the "standard line" in interpretation of research findings is a needed and important attribute. While some may not agree with him, his arguments are always well defined, referenced thoroughly, and presented in a professional manner. Importantly, through the testing of his hypothesis that inhibition of GJIC is a mechanism underlying tumor promotion, Dr. Trosko has spurred numerous investigators to explore this important process as it relates to toxicology and carcinogenesis. In this way, he stimulates experimentation and the progress of research in toxicology well over and above his own exceptional contributions.

### Merit



The Awards Committee of the SOT unanimously selected Dr. Donald J. Reed as the recipient of the SOT Merit Award. The committee concluded that Dr. Reed's career has been a stellar one at all levels, whether one considers his scientific contributions to the discipline of toxicology, his contributions to the mission of the Society of Toxicology, or his contributions as a preceptor of toxicology. His substantive work has provided an extensive impact at

all levels, including university, local, state, national, and international levels. His research into biological oxidations, glutathione metabolism, and oxygen free radicals, and the seminal contributions he has made to our understanding of the mechanism of toxicity of alkylating agents and the role of cellular antioxidants have been both important and timely. His publications appear in important journals and number in the hundreds in both peer-reviewed and other outlets. He has been recognized around the world for his research, as attested by a number of awards bestowed upon him, including a Distinguished Professorship at Oregon State University (OSU), Burroughs Wellcome Fund grants awards from the American Cancer Society, and an NIEHS Merit Award. He has exerted major impact in advancing toxicology at his own institution, OSU, where he successfully guided the NIEHS Environmental Health Sciences Center for 16 years prior to his retirement. He unselfishly returned to lead the Center in its competitive renewal process. He served as the initial Director of the prestigious Linus Pauling Institute upon its transfer to Oregon State University. He has advanced toxicology in the international arena in several capacities, including service as Director and later First Vice President of the International Union of Toxicology and an organizer of the Ninth International Congress of Toxicology. He has played a major role in shaping and propagating toxicology through his activities in support of NIEHS including service in the NIEHS Centers and a Superfund project. His tenure as SOT President in 1991-1992 was the culmination of a long record of service and an excellent example for all junior faculty and SOT members.

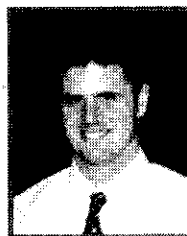
Congratulations  
to all the  
Award Winners

# 2001 Student Awards Recipients

## Colgate-Palmolive Post-Doctoral Fellowship in In Vitro Toxicology



Recipient:  
Kevin Kerzee  
University of  
Cincinnati



Recipient:  
Christopher Reilly  
University of Utah

## Robert L. Dixon International Travel Award



Recipient:  
Mark Fielden  
Michigan State  
University

## Covance Corporation Graduate Fellowship



Recipient:  
Kirsten Fertuck  
Michigan State  
University

## Novartis Corporation Graduate Fellowship



Recipient:  
Vishal Vaidya  
University of  
Louisiana at  
Monroe

## Procter & Gamble Company Graduate Fellowship



Recipient:  
Elizabeth Tonkin  
Vanderbilt  
University



## 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

## Colgate-Palmolive SOT Award for Student Research Training in Alternative Methods Recipients

**Jason S. Biggs (2001)**  
University of Utah

**Jason Gross (2001)**  
San Diego State University

**Victoria E. Richards (2001)**  
University of Arizona