

# Society of Toxicology Awards and Award Descriptions

In recognition of distinguished toxicologists and students, SOT presents several prestigious awards each year. In addition to receiving the award stipend and plaque, recipients are honored at a special Awards Ceremony at the SOT Annual Meeting and their names are listed in SOT publications. **The deadline for 2005 award nominations is October 9, 2004.**

The Awards Committee reviews applications for SOT Awards and Sponsored Awards for scientists. Nominations for most of these awards must be submitted by a sponsor and a seconder who are full members of SOT using the On-Line Award Nomination Form. The supporting documentation must indicate the candidate's achievements in toxicology and is critical in the review of each application. See the award description for the additional requirements for some of the awards, including the Sponsored Awards. The Best Paper Awards are reviewed by the Board of Publications.

Student awards, both SOT and Sponsored awards, are reviewed by the Education Committee, and application procedures are specific for each award. Other student awards are available through Regional Chapters and Specialty Sections. A student may apply for any award for which he or she is eligible and may apply for and receive multiple awards, whether SOT, Regional Chapters, or Specialty Sections sponsor the awards. Policies related to travel awards are determined by the sponsor (SOT, Regional Chapter, or Specialty Section).

Full descriptions of each award, application procedures, and names of past recipients may be found on the SOT Web site at [www.toxicology.org](http://www.toxicology.org).

## Award Descriptions



Indicates an SOT Sponsored Award



### 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.

#### Award Recipients

1967	.....Gabriel L. Plaa
1968	.....Allan H. Conney
1969	.....Samuel S. Epstein
1970	.....Sheldon D. Murphy
1971	.....Yves Alarie
1972	.....Robert L. Dixon
1973	.....(No Award)
1974	.....Morris F. Cranmer
1975	.....Ian C. Munro
1976	.....Curtis D. Klaassen
1977	.....James E. Gibson
1978	.....Raymond D. Harbison

1979	.....Michael R. Boyd
1980	.....Philip G. Watanabe
1981	.....(No Award)
1982	.....Frederick P. Guengerich
1983	.....(No Award)
1984	.....Melvin E. Andersen
1985	.....Alan R. Buckpitt
1986	.....Sam Kacew
1987	.....James S. Bus
1988	.....Jeanne M. Manson
1989	.....James P. Kehrer
1990	.....Michael P. Waalkes
1991	.....Debra Lynn Laskin
1992	.....Michael P. Holsapple
1993	.....David L. Eaton
1994	.....James L. Stevens
1995	.....Lucio G. Costa
1996	.....Kenneth Ramos
1997	.....Kevin E. Driscoll
1998	.....Rick G. Schnellmann
1999	.....Michel Charbonneau
2000	.....Christopher Bradfield
2001	.....Martin Philbert
2002	.....Ruth Roberts
2003	.....Lois D. Lehman-McKeeman
2004	.....David Dorman

\*Deceased

# Award Descriptions (Continued)



## 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.

### Award Recipients

1980	.....Allan H. Conney
1981	.....Gabriel L. Plaa
1982	.....Gary M. Williams
1983	.....David P. Rall
1984	.....Tibor Balasz
1985	.....Frederick Coulston*
1986	.....Gerrit Johannes Van Esch
1987	.....John P. Frawley
1988	.....Kundan S. Khera*
1989	.....Richard H. Adamson
1990	.....Harold C. Grice
1991	.....Bernard A. Schwetz
1992	.....Roger O. McClellan
1993	.....Thomas W. Clarkson
1994	.....Bruce Ames
1995	.....Emil A. Pfitzer
1996	.....John F. Rosen
1997	.....(No Award)
1998	.....Helmut Alfred Greim
1999	.....(No Award)
2000	.....Carole A. Kimmel and Janardan K. Reddy
2001	.....Samuel M. Cohen
2002	.....Dennis Paustenbach
2003	.....Michael L. Dourson
2004	.....Melvin E. Andersen

## AstraZeneca SOT/IUTOX Fellowship

The AstraZeneca company sponsors a travel fellowship award annually through SOT and IUTOX. Three (3) fellowship awards will be available to senior scientists from a country where toxicology is underrepresented to assist with travel to attend the 2005 Society of Toxicology meeting in New Orleans, Louisiana, USA, March 6–10, 2005.

### Award Recipients

2002	.....Christophor Dishovsky (Bulgaria)
	.....Zoltan Gregus (Hungary)
	.....Maritza Rojas Martini (Venezuela)
	.....Choon-Nam Ong (Singapore)
	.....W. Wasowicz (Poland)
	.....Ping-kun Zhou (China)
2003	.....Jian-Hui Liang (China)
	.....Marjan G. Vracko (Slovenia)
	.....Eman A. Seif (Egypt)

## AstraZeneca Traveling Lectureship Awards

The AstraZeneca Traveling Lectureship Awards are presented through the Society of Toxicology to recognize excellence in research and service in toxicology. AstraZeneca, Ltd., provides one or two awards annually to promote greater collaboration between European and North American toxicologists and to enable North American toxicologists to undertake a three-four 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. The awards are given each year in the amount of \$6,000 each.

### Award Recipients

1990	.....Robert I. Krieger, Joseph R. Landolph
1991	.....Sam Kacew
1992	.....Charles V. Smith, Jerold A. Last
1993	.....Terrence James Monks, Harihara H. Mehendale
1995	.....David L. Eaton, Hanspeter R. Witschi
1996	.....Rick G. Schnellmann, James P. Kehrer
1997	.....Lucio G. Costa, Durisala Desai
1998	.....Syed F. Ali, Curtis J. Omiecinski
1999	.....Alvaro Pugo
2000	.....Kenneth Ramos, Garold Yost
2001	.....Ronald Hines, Richard Seegal
2003	.....William D. Atchison
2004	.....Charlene A. McQueen

# Award Descriptions (Continued)



## Board of Publications

### Award

The Board of Publications Award for the *Best Paper in Toxicological Sciences* is presented to the author(s) of the best paper published in this official SOT publication 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. In addition, the titles of no more than six papers to be considered are submitted by the editor of *Toxicological Sciences*. All papers submitted will be evaluated by the Board of Publications. This award consists of a plaque and a cash stipend. (This award was formerly known as the Frank R. Blood Award.)

### Best Paper in *Fundamental and Applied Toxicology and Toxicological Sciences*

#### Award Recipients

1995 .....J. L. Larson, D. C. Wolf, B. E. Butterworth  
1995 .....M. I. Luster, C. Portier, D. G. Pait, G. J. Rosenthal,  
.....D. R. Germolec, E. Corsini, B. L. Blaylock,  
.....P. Pollock, Y. Kouchi, W. Craig, K. L. White,  
.....A. E. Munson, C. E. Comment  
1996 .....B. C. Allen, R. J. Kavlock, C. A. Kimmel,  
.....E. M. Faustman  
1997 .....F. L. Fort, H. Ando, T. Suzuki, M. Yamamoto,  
.....T. Hamashima, S. Sato, T. Kitazaki,  
.....M. C. Matony, G. D. Hodgen  
1998 .....D. D. Parrish, M. J. Schlosser, J. C. Kapeghian,  
.....V. M. Traina  
1999 .....C. A. Franklin, M. J. Inskip, C. L. Baccanale,  
.....C. M. Edwards, W. I. Manton, E. Edwards,  
.....E. J. O'Flaherty  
2000 .....H.A Boulares, C. Giardina, C.L. Navarro,  
.....E.A. Khairallah, S.D. Cohen  
2001 .....Jinqiang Chen, Yunbo Li, Jackie A. Lavigne,  
.....Michael A. Trush, James D. Yager  
2002 .....M.J. Bajt, J.A. Lawson, S.L. Vonderfecht,  
.....J.S. Gujral, H. Jaeschke  
2003 .....S. Haddad, M. Beliveau, R. Tardif, K. Krishnan  
2004 .....Urmila Kodavanti, Carolyn Moyer,  
.....Allen Ledbetter, Mette Schlasweiler, Daniel Costa,  
.....Russ Hauser, David Christiani, Abraham Nyska

### Best Paper in *Toxicology and Applied Pharmacology*

#### Award Recipients

1995 .....M. F. Denny, M. F. Ware, W. D. Atchison  
1996 .....T. A. Slotkin, C. Lau, E. C. McCook, S. E. Lappi,  
.....F. J. Seidler  
1997 .....P. R. S. Kodavanti, T. R. Ward, J. D. McKinney,  
.....C. L. Waller, H. A. Tilson  
1998 .....J. S. Landin, S. D. Cohen, E. A. Khairallah  
1999 .....S. K. Ramaiah, M G. Soni, T. J. Bucci,  
.....H. M. Mehendale,  
1999 .....C. L. Zuch, D. J. O'Mara, D. A. Cory-Slechta  
2000 .....J.E. Staples, N.C. Fiore, D.E. Frazier, Jr.,  
.....T.A. Gasiewicz, A.E. Silverstone  
2001 .....Barbara J. Mounho, Brian D. Thrall  
2002 .....G.S. Ratra, S.G. Kamita, J.E. Casida  
2003 .....J. Doorn, M. Schall, D. Gage, T. Talley,  
.....C. Thompson, R. Richardson

#### Award Recipients (Frank R. Blood Award)

1974 .....Yves Alarie  
1975 .....Donald J. Ecobichon, G. J. Johnstone, O. Hutzinger  
1976 .....Richard D. Brown  
1977 .....J. Dedinas, George D. DiVincenzo, C. J. Kaplan  
1978 .....Perry J. Gehring, E. O. Madrid, G. R. McGowan,  
.....Philip G. Watanabe  
1979 .....R. Fradkin, E. J. Ritter, W. J. Scott, James G. Wilson  
1980 .....Jerold A. Last, Peter F. Moore, Otto G. Raabe,  
.....Brian K. Tarkington  
1981 .....Yves Alarie, Martin Brady, Christine Dixon, Meryl Karol  
1982 .....Melvin E. Andersen, Michael L. Gargas,  
.....Lawrence J. Jenkins, Jr., Robert A. Jones  
1983 .....Henry D. Heck  
1984 .....Erik Dybing, Sidney Nelson, Erik Soderlund,  
.....Christer Von Bahr  
1985 .....Nobumasa Imura, Masae Inokawa, Kyoko Miura  
1986 .....Calvin C. Wilhite, M. I. Dawson, K. J. Williams  
1987 .....John Kao, Frances K. Patterson, Jerry Hall  
1988 .....Debra L. Laskin, Sungchul Ji, Anne M. Pilaro  
1989 .....R. G. Cuddihy, W. C. Griffith, Rogene F. Henderson,  
.....Joe L. Mauderly, Roger O. McClellan, M. D. Snipes,  
.....Ronald K. Wolff  
1990 .....William P. Beierschmitt, Joseph T. Brady,  
.....John B. Bartolone, D. Stuart Wyand,  
.....Edward A. Khairallah, Steven D. Cohen  
1991 .....Jay Babcock Silkworth, Daryl Cutler,  
.....LuAnn Antrim, Don Houston, Casimir Tumasonis,  
.....Laurence S. Kaminsky  
1992 .....Donald A. Fox, Steve D. Rubinstein, Pauline Hsu  
1993 .....Thomas Mably, Robert W. Moore, Robert W. Goy,  
.....Richard E. Peterson  
1994 .....Susan J. Borghoff, William H. Lagarde

# Award Descriptions (Continued)

## 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 \$33,500) 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 reviews applications, which are due in even calendar years, and the fellowship is awarded for the following year. The next application deadline: October 9, 2004.

### Award Recipients

1988	Ernest Bloom
1989	Gin Hsieh
1990	Dennis E. Chapman
1991	Anne Walsh
1992	Qin Chen
1993	Erika Cretton
1994	William Chan
1995	Bob Van de Water
1997	Alan Parrish
1999	Russell Thomas
2001	Kevin Kerzee, Christopher Reilly
2002	Kevin Kerzee
2003	Kimberly Miller

## 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 received after October 9 will be accepted until all funds are committed.

**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 the 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.

### Award Recipients

2000	Jason Gross
2001	Jason Biggs, Victoria Richards
2002	Kartik Shankar, Chad M. Vezina, Ryan L. Williams
2003	Sachin Devi, Midhun Korrapati, Pallavi Limaye
2004	Jaya Chilakapati, Marc Nascarella

# Award Descriptions (Continued)

## 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 stimulate 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 organizations 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.

### Award Recipients

1996 .....University of Mississippi Medical Center  
Visiting Professor: .....Tetsuo Satoh  
1996 .....University of Illinois at Urbana  
Visiting Professor: .....Julio Davila  
1996 .....Mississippi State University  
Visiting Professor: .....Michael Holsapple  
1996 .....Washington State University  
Visiting Professor: .....Daniel Acosta  
1997 .....Indiana University School of Medicine  
Visiting Professor: .....A. Jay Gandolfi  
1997 .....University of Arizona Health Science Center  
Visiting Professor: .....Kevin E. Driscoll  
1997 .....University of New Mexico Health Sciences Center  
Visiting Professor: .....Sam Kacew  
1997 .....University of Illinois  
Visiting Professor: .....Michael Denison  
1998 .....University of Washington  
Visiting Professor: .....Bruce Fowler  
1998 .....San Diego State University  
Visiting Professor: .....Leigh Ann Burns Naas  
1999 .....San Diego State University  
Visiting Professor: .....Robert Chapin  
2000 .....Yale University, School of Medicine  
Visiting Professor: .....Narendra Singh

2001 .....Medical College of Wisconsin  
Visiting Professor: .....Garold Yost  
2003 .....Washington State University  
Visiting Professor: .....Marc W. Fariss  
2004 .....Snorri S. Thorgeirsson  
Institution to be Visited: .....University of Louisiana at Monroe



## 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.

### Award Recipients

2000 .....Allegheny-Erie Chapter  
2001 .....Massachusetts Society for Medical Research  
2002 .....George Nethercutt  
2003 .....Michael Derelanko  
2004 .....Americans for Medical Progress (AMP)  
.....North Carolina Association for Biomedical Research (NCABR)



## Distinguished Lifetime Toxicology Scholar Award

The Distinguished Toxicology Scholar 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 award is scientific accomplishments and not necessarily service to the Society. This award consists of a plaque and a cash stipend. (This award was formerly known as the Scientific Achievement Award.)

### Award Recipients (Scientific Achievement Award)

2001 .....James E. Troska

### Award Recipients

2003 .....Henry C. Pitot  
2004 .....Gerald N. Wogan

# Award Descriptions (Continued)



## 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.

### Award Recipients

1975	.....Harold C. Hodge
1976	.....Ted A. Loomis
1977	.....Robert B. Forney
1979	.....Sheldon D. Murphy
1980	.....Herbert H. Cornish
1981	.....Frederick Sperling
1982	.....Lloyd W. Hazleton
1983	.....Julius M. Coon
1984	.....Frank Guthrie, Ernest Hodgson
1985	.....William B. Buck
1986	.....Robert I. Krieger
1987	.....Gabriel L. Plaa
1988	.....John Autian
1989	.....Tom S. Miya
1990	.....Charles H. Hine
1991	.....Hanspeter R. Witschi
1992	.....Dean E. Carter
1993	.....Curtis D. Klaassen
1994	.....Robert A. Neal
1995	.....William Carlton
1996	.....Robert Snyder
1997	.....Albert E. Munson
1998	.....David J. Holbrook
1999	.....Jules Brodeur
2000	.....Gary Carlson
2001	.....Harihara Mehendale
2002	.....Joseph Borzelleca
2003	.....Frederick W. Oehme
2004	.....A. Jay Gandolfi

## Graduate Student Fellowship Awards

The Graduate Student Fellowship Awards are provided by generous sponsors 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.

## Novartis Corporation Graduate Fellowship

### Award Recipients

1989	.....Timothy Zacharewski
1990	.....Mary Suzanne Stefaniak
1991	.....Donald Bjerke
1992	.....Lhanoo Gunawardhana
1993	.....Christopher Martenson
1994	.....Nyla Harper
1995	.....Heather E. Kleiner
1996	.....Russell Thomas
1997	.....Melva Rios-Blancos
1998	.....Kent Carlson
1999	.....Mark Hickman
2000	.....Jeffrey Moran
2001	.....Vishal Vaidya
2002	.....Kartik Shankar
2003	.....Sachin Devi
2004	.....James Luyendyk

*(Recipients of Graduate Fellowship Awards no longer offered may be found on the SOT Web site at [www.toxicology.org](http://www.toxicology.org).)*



## 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.

### Award Recipients

2000	.....Yves Alarie
2001	.....Alan Goldberg
2002	.....Gary Williams
2003	.....G. Frank Gerberick, Ian Kimber

# Award Descriptions (Continued)



## Graduate Student Travel

### Awards

Graduate Student Travel Awards defray expenses for students presenting platform talks or posters at the SOT Annual Meeting. To be eligible, the student must be a SOT member (or have submitted a membership application) who has not previously received a graduate student travel award. Each institution may rank and submit applications from up to three students.



## Honorary Membership

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. Nominations should be sent to SOT Headquarters.

### Inductees

1962	Eugene M.K. Geiling*
1962	W. F. Von Oettingen*
1962	Torald H. Sollman*
1963	Ethel Browning*
1966	R. Tecwyn Williams*
1976	Norton Nelson*
1982	George H. Hitchings*
1986	Bernard B. Brodie*
1986	Herbert Remmer
1991	Hyman J. Zimmerman*
1994	Ronald W. Estabrook
1994	Wendell W. Weber
1995	Gertrude B. Elion*
1995	Charles S. Lieber
1996	Sten G. Orrenius
1996	Dennis Parke
1997	John E. Casida
1997	Roger W. Russell*
1998	Jud Coon
1998	Michel Mercier
1999	William O. Robertson
1999	Takashi Sugimura
2000	Findlay Russell
2001	Herbert Needleman



## 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.

### Award Recipients

1966	Henry F. Smyth, Jr.
1967	Arnold J. Lehman
1968	R. T. Williams
1969	Harold C. Hodge
1970	Don D. Irish
1971	Kenneth P. DuBois
1972	O. Garth Fitzhugh
1973	Herbert E. Stokinger
1974	William B. Deichmann
1975	Frederick Coulston*
1976	Verald K. Rowe*
1977	Harry W. Hays
1978	Julius M. Coon
1979	David W. Fassett
1980	Bernard L. Oser
1981	John H. Weisburger
1982	Harold M. Peck
1983	Perry J. Gehring*
1984	Tom S. Miya
1985	Carrol S. Weil
1986	Ted A. Loomis
1987	Bo Holmstedt
1988	Seymour L. Friess
1989	Wayland J. Hayes, Jr.*
1990	Sheldon D. Murphy
1991	Toshio Narahashi
1992	W. Norman Aldridge
1993	John Doull
1994	Ernest Hodgson
1995	Robert A. Scala
1996	Gabriel L. Plaa
1997	Mary O. Amdur
1998	John A. Thomas
1999	Thomas Clarkson
2000	Philippe Shubik
2001	Donald Reed
2002	Bernard Schwetz
2003	M.W. Anders
2004	Robert Goyer

# Award Descriptions (Continued)



## Minority Undergraduate Student and Advisor Awards

The Minority Undergraduate Student and Advisor Awards provide support for awardees to participate in the Undergraduate Education Program at the SOT Annual Meeting. This program is an introduction to the discipline of toxicology for undergraduate science majors and includes an orientation, a special poster session with scientists, and activities with a SOT mentor. The travel awards are for those 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. 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 meeting and program registration and meals. In the past, the program has been supported in part by NIH-MARC, Pfizer, and Johnson & Johnson.



## 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.

### Awards Recipients

1994	.....Michael A. Kamrin
1995	.....Philip Abelson
1996	.....Bruce N. Ames
1997	.....Audrey Gotsch
1999	.....Ann de Peyster
2001	.....Anna Shvedova
2002	.....Sam Kacew
2003	.....Charlene A. McQueen
2004	.....Kenneth Olden



## Regional Chapter Awards

Most SOT Regional Chapters provide awards to recognize outstanding students or scientists. Application requirements and deadlines vary. Visit the Regional Chapter or Awards and Fellowship sections on the SOT Web site for full details.



## Society of Toxicology/ American Chemistry Council Early Career Award

The American Chemistry Council offers an Early Career Award through the Society of Toxicology. The award is up to \$100,000 and 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 a particular specialty area of potential toxicity of chemicals. Awards have been offered in Inhalation and Neurotoxicology. Full details are available on the SOT Web site.

### Award Recipients

2002	.....Ronald Tjalkens (Neurotoxicology)
2003	.....Ilona Jaspers (Inhalation)
2004	.....Nikolay Filipov (Neurotoxicology)



## 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. For more details refer to the Award descriptions on the SOT Web site at [www.toxicology.org](http://www.toxicology.org), under Specialty Sections or the Awards and Fellowships sections

## 2004 Award Winners

*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.*

The Society of Toxicology presented the following awards for the year 2004:

### *Achievement*



The Awards Committee of the Society of Toxicology is honored to have selected Dr. David Dorman as the recipient of the 2004 Achievement Award for significant contributions to the field of toxicology.

Dr. Dorman received his undergraduate degree in Chemistry from the University of San Diego. He received a DVM from Colorado State University and he completed a residency in Clinical Veterinary Toxicology and a Ph.D. in Toxicology (1990) at the University of Illinois at Urbana-Champaign. He was a post-doctoral fellow at CIIT and then converted to a staff scientist at the Institute in 1992. Dr. Dorman is a Diplomat, by examination, of both the American Board of Veterinary Toxicology and the American Board of Toxicology. He is currently Director of the Biological Sciences Division at CIIT Centers for Health Research.

Dr. Dorman is nationally recognized for his research on the nasal toxicity and pharmacokinetics of inhaled chemicals. Early in his career, Dr. Dorman conducted studies to evaluate the pharmacokinetics of inhaled methanol in normal and folate-deficient monkeys. His research also demonstrated that the neuroteratogenic effects of methanol in rodents are mediated through methanol and not formate, the metabolite responsible for methanol-induced acidosis and blindness in humans. Dr. Dorman's laboratory has also been characterizing the pathogenesis of hydrogen sulfide-induced olfactory neuronal loss in rodents. These studies have been used in the risk assessment for these chemicals. More recently, Dr. Dorman has been leading a multi-year effort to evaluate the pharmacokinetics and neurotoxicity of manganese. His research has focused on determining exposure conditions that lead to increased concentrations of the metal within the central nervous system. His laboratory has also developed a novel nasal occlusion model for examining the direct transport of inhaled compounds to the brain *via* the olfactory.

Dr. Dorman has been active in a number of professional societies making valuable contributions to both veterinary and toxicological societies through chairing committees and holding society offices. He served as President of the Comparative and Veterinary Specialty Section of SOT and co-chaired an SOT continuing education course that examined the use of animal in inhalation toxicology and a symposium examining the olfactory transport of inhaled metals. Dr. Dorman is currently President of the North Carolina Chapter of the SOT. Dr. Dorman has also been quite active in teaching. He received the Teacher of the Year Award (1992-1993) at the North Carolina State University College of Veterinary Medicine despite the fact that he served as an adjunct faculty member. He holds active adjunct faculty appointments with North Carolina State University, University of North Carolina-Chapel Hill and Duke University.

Dr. Dorman has made, and continues to make seminal contributions to the field of toxicology through his research, teaching, and service.

### *Arnold J. Lehman*

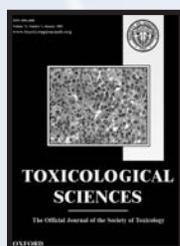


Dr. Melvin E. Andersen's career contributions reflect well the spirit of the Arnold J. Lehman Award. He is widely recognized for contributions in strengthening the scientific basis of chemical risk assessment. Over the past 25 years, he has pioneered use of physiologically based pharmacokinetic (PBPK) models in toxicology research and as tools to enhance regulatory decision making. His approaches have contributed to risk assessments for many individual chemicals. In addition, he has been a consistent advocate and role model for using sound scientific principles as the basis for improving dose-response assessments.

Dr. Andersen has published over 200 papers on PBPK modeling and its application to chemical risk assessment. The breadth of his career contribution is evident through involvement with industry, government, consulting, and academia in his 30 year career in toxicology. Dr. Andersen's influence in risk assessment, however, is best reflected by his activities as a teacher-mentor in expanding the use of PBPK dosimetry models in toxicology research and in chemical risk assessment.

### *Board of Publications Best Paper Award*

#### *Toxicological Sciences*



*Inhaled Environmental Combustion Particles Cause Myocardial Injury in the Wistar Kyoto Rat.* Urmila Kodavanti, Carolyn Moyer, Allen Ledbetter, Mette Schladweiler, Daniel Costa, Russ Hauser, David Christiani and Abraham Nyska (*ToxSci* 71, 237-245, 2003).

The Board of Publications has selected the paper entitled *Inhaled Environmental Combustion Particles Cause Myocardial Injury in the Wistar Kyoto Rat* as the best paper published in *Toxicological Sciences* during the past year. This paper represents comprehensive work that demonstrated cardiac effects due to particulate matter (PM) in rats under experimental conditions relevant to human exposure. The authors, representing a team of scientists with expertise in inhalation toxicology, cardiac pathology and occupational health, worked collaboratively in the characterization of the composition of the particles and identification of zinc as a potentially causative agent that laid the foundation for the hypothesis that might link exposure to PM containing bioavailable zinc to myocardial injury. The paper provides the first clear evidence of the effect of PM on the heart, and provides supportive evidence for epidemiological associations between exposure to ambient PM and cardiovascular morbidity. The paper has also laid the foundation for further mechanistic work, and a letter was submitted to the journal speculating on additional pathways of research to pursue the etiology of the myocardial injury.

The paper is an outstanding example of an inter-disciplinary, hypothesis-driven approach to address an important human health concern, and it represents how integration of innovative basic and applied science can help to enhance human and environmental health.

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

The Contributions to Public Awareness of the Importance of Animals in Toxicology Research Award is presented to two organizations in 2004: North Carolina Association for Biomedical Research (NCABR) and Americans for Medical Progress (AMP).

#### *NC Association for Biomedical Research (NCABR)*



**Karen S. Hoffman,  
NCABR President**

The NCABR works to promote public understanding of the importance of biomedical research, particularly the role that animals play in the research process. The NCABR was founded in 1989 as a positive counter to the animal rights movement that was gaining momentum regionally and nationally. The NCABR has developed a K-12 teacher workshop program entitled *Rx for Science Literacy: The What, Where, How and Why of Health Science Research* that

instructs educators in the benefits of biomedical research and regulations pertaining to the care and use of laboratory animals. Since the program began in 1994, more than 2,000 teachers have participated in this workshop program with 270 of these returning for a second time to attend programs on either toxicology or genetics. The impact of this program is enormous. Teachers have come from 88 of the state's 100 counties and represent a wide array of backgrounds. By the end of the current school year (2003-2004) a total of 24 toxicology workshops for over 400 middle and high school teachers will have been held. When one considers that each North Carolina middle and high school teacher interacts with 100 or more students each year, this program has the potential of indirectly reaching thousands of impressionable students that are forming opinions about animal use and toxicology.

In addition to the teacher workshops, the NCABR has produced high quality educational publications and information resources for the general public. These materials have also highlighted the use of animals in toxicology research and training and has contributed substantially to the public understanding in this highly political arena. The NCABR has also hosted or co-sponsored symposia and exhibits at state and national conferences and has held public forums to address controversial issues in the biosciences, including symposia for journalists that have proven extremely useful in advancing public understanding towards the use of animals in biomedical research.

# Award Winners 2004 (Continued)

## *Contributions to Public Awareness of the Importance of Animals in Toxicology Research* (continued)

### *Americans for Medical Progress (AMP)*



**Jacqueline  
Calnan,  
AMP President**

Americans for Medical Progress (AMP) is a non-profit organization whose mission is to protect society's investment in biomedical research. To that end, AMP promotes public understanding of and support for the appropriate role of animals in medical research so that scientists are able to continue their quest for cures and improved methods of treatment for illness, injury and disease. AMP achieves this goal *via* the following methods:

AMP is involved in timely dissemination of information to the news media, the research community and others concerning animal-based research, activist opposition to such research and developments concerning the use of and replacement of animals in research.

AMP promotes fair and accurate media coverage of the use of animals in biomedical research.

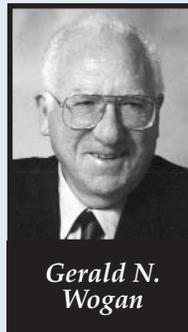
AMP continues to bolster public understanding and support of scientists' biomedical research with animals.

AMP provides services to individuals and organizations that help manage crisis inflicted by animal rights groups.

AMP plays a partnership role with numerous other institutions and brings together research advocates, institutions and corporations. One good example is, in 2001 AMP co-sponsored a national forum on cancer research with American Association for the Advancement of Science.

In short, there are extensive contributions AMP has provided to the field of toxicology

## *Distinguished Lifetime Toxicology Scholar Award*



**Gerald N.  
Wogan**

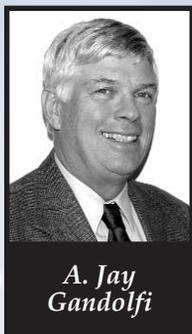
Dr. Gerald N. Wogan has been selected to receive the 2004 Distinguished Lifetime Toxicology Scholar Award for his substantial and seminal scientific contributions to the discipline of toxicology. Dr. Wogan is Professor of Toxicology and Professor of Chemistry at the Massachusetts Institute of Technology. He received his Ph.D. degree in physiology from the University of Illinois, Urbana, and has spent most of his professional career at MIT where he has held a number of positions, including appointment as the Underwood-Prescott Professor and Director, Division of Toxicology, Whitaker College of Health Sciences and Technology and as the Director of the Environmental Health Sciences Center.

Dr. Wogan has led a concerted, long-term effort to elucidate the fundamentals of chemical carcinogenesis and is truly a pioneer in the field of environmental toxicology. Dr. Wogan's research interests have long been focused on understanding the chemistry and toxicology of aflatoxins, which are food contaminants that affect the health and well being of millions of people worldwide and are among the most potent liver carcinogens known. Dr. Wogan's combined synthetic and structure-activity studies of aflatoxins demonstrated the utility of chemical approaches to understand mechanisms of toxicity. In other work, he elucidated the structure of the major DNA-aflatoxin adducts, which provided the basis for investigations on the biological effects of aflatoxin exposure. Dr. Wogan's studies have had direct relevance to public health, and he has developed methods for risk identification and remediation through his participation in epidemiological studies in Thailand, China, and Africa.

Dr. Wogan has served as a pre- and post-doctoral mentor to over 100 trainees. He was elected to the National Academy of Sciences in 1977 and was one of the first researchers in the environmental health sciences to be elected to the NAS and to the IOM. He is also the recipient of the Founders' Award of the Chemistry Industry Institute of Toxicology along with a range of other honors and awards. Finally, Dr. Wogan is an individual of great scientific and personal integrity and has provided leadership at MIT and through his participation on many national and international committees. Dr. Wogan is highly deserving of the Distinguished Lifetime Toxicology Scholar Award.

# 2004

### *Education Award*



Dr. Jay Gandolfi is a Professor of Anesthesiology, Pharmacology, and Toxicology in the Department of Pharmacology & Toxicology at the College of Pharmacy of the University of Arizona. He has also served in several administrative positions at the University. Throughout his academic career he has maintained a strong focus on education, research, and collaborative programs. For over 25 years, Dr. Gandolfi has taught toxicology to undergraduate, graduate, and profes-

sional students. Dr. Gandolfi has been an advisor to over 55 graduate students, served as a committee member for another 70 graduate students, and directed 25 research Fellows. His students have attained important positions in academia, industry, and government. Besides his research publications, Dr. Gandolfi has contributed to educational texts, reviews, and has co-edited the Comprehensive Toxicology series. Dr. Gandolfi has served on numerous SOT national and specialty section committees including being a member of the SOT Education Committee, as well as the Secretary of the Society. Dr. Gandolfi's letters of support clearly demonstrate that he is held in high regard by his former students and colleagues. One student comments that the first thing that comes to mind when describing Jay's role in education is ... "extraordinary mentorship to graduate and medical students, post-doctoral fellows, and colleagues." It was also pointed out that "when faced with a delicate or thorny situation, I often ask myself, what would Jay do?" This year's recipient of the Education Award brings great credit to his University and the SOT.

### *Merit*



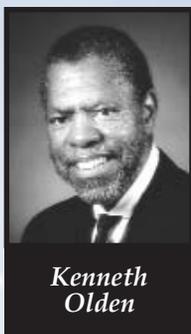
Dr. Robert Goyer is the recipient of the 2004 Merit Award. Dr. Goyer, a clinical pathologist, is an internationally recognized expert in health effects of toxic and nutritionally essential metals. He has a special interest in pediatric pathology, toxicology and research in health effects of toxic metals. After serving in the US Navy at the end of World War II, he graduated from the College of the Holy Cross and the St. Louis University School of Medicine, interned at St. Francis Hospital in

Hartford Connecticut and completed a residency in pathology at the St. Louis University Hospitals. He held a National Foundation Research Fellowship and was a post-doctoral research fellow in the Medical Unit of University College Hospital Medical School, London, England. Professional appointments included Director of Laboratories at the Cardinal Glennon Hospital for Children in St. Louis, Professor of Pathology at the University of North Carolina at Chapel Hill, and Deputy Director of the National Institute of Environmental Health Sciences at Research Triangle Park, NC. He also served two terms as Professor and Chairman of the Department of Pathology at the University of Western Ontario, London, Canada. Dr. Goyer has published over 170 research papers, reviews and book chapters on toxicity of metals and interactions of toxic metals with nutritionally essential metals. He has co-edited 3 books on toxicology of metals. Dr. Goyer was one of the first to demonstrate the relationship of nutritional deficiencies of iron and calcium and the toxicity of lead. These studies were followed by mechanism of lead toxicity, especially in the kidney and the formation of lead-induced nuclear inclusion bodies. His vision and broad experience permitted him not only to uncover new facts but also to recognize their significance and synthesize them into a better understanding of metal actions. He has made important scientific discoveries in the field of nuclear ultrastructural alterations and the role of specific proteins in metal toxicology. He has served on numerous committees for US and International Health Agencies including the National Institutes of Health, the Environmental Protection Agency, the National Research Council of the National Academy of Sciences and The World Health Organization International Programme for Chemical Safety. Dr. Goyer was recognized at an International Conference on Metal-Binding Proteins in 1998 for his outstanding lifetime contribution to the understanding of the actions and effects of metals on living organisms. In 2001 he was designated a lifetime National Associate of the National Academy of Science for extraordinary service to the National Academies as advisor to the nation in matters of science, engineering and health. Dr. Goyer is retired as Professor Emeritus of Pathology University of Western Ontario but continues to contribute to various national and international agencies on matters of health effects of metals. Dr. Goyer is highly respected as a teacher in toxicology and for his worldwide influence in the assessment of health risks from toxic metals.

2004

# 2004 Award Winners (Continued)

## *Public Communications*



*Kenneth  
Olden*

Dr. Kenneth Olden, Director of the National Institute of Environmental Health Sciences and the National Toxicology Program, is the 2004 recipient of the Public Communications Award. Dr. Olden is a distinguished research investigator, teacher, and outstanding articulator of the role sound science should play in guiding critical public and environmental health decisions. His exemplary leadership of the NIEHS has fostered a strong human disease outcome focus to guide

environmental health research and has served as a model for effective integration and focusing of bench research on human and environmental health issues. Dr. Olden's seminal contributions to cell and cancer biology during his tenure at Howard University as Director of the Cancer Center and Professor and Chairman of the Department of Oncology, and his leadership of the NIEHS resulted in his election to membership in the Institute of Medicine of the National Academy of Sciences in 1994, the City of Medicine Award in 1996, and in 1997 the inaugural award for public policy leadership in protecting health and the environment by the National Association of Physicians for the Environment. Dr. Olden, a Fellow of the Academy of Toxicological Sciences, has championed a strong relationship between the NIEHS and the Society of Toxicology (SOT) through many initiatives that include teacher training workshops, underrepresented minority education programs, and NIEHS sponsored symposia at SOT annual meetings. His ability to reach all audiences and tireless commitment to bettering the health of the public-at-large make him one of our discipline's most effective advocates and communicators. The Society is pleased and honored to recognize Dr. Olden's outstanding contributions.

## *SOT/ACC Early Career Award in Neurotoxicology*



*Nikolay  
Filipov*

The 2004 SOT/ACC Early Career in Neurotoxicology Award is presented to Nikolay Filipov. Dr. Filipov was selected for his proposed research entitled *Dopaminergic Toxicity of Chronic Exposure to the Herbicide Atrazine Interfaced with Short-Term Exposure to Maneb*.

Dr. Filipov plans to his research on susceptibility of the aged to environmental chemicals, an area very important for risk assessment. In addition, he proposes to work with two chemicals of environmental interest:

atrazine and maneb. The endpoints he proposes to explore are also directly relevant to the human condition: indicators of dopaminergic degeneration.

This Early Career Award, sponsored by the Long-Range Research Initiative of the American Chemistry Council (ACC) and administered through the Society of Toxicology—is provided to encourage persons beginning their professional careers to conduct research on topics related to Neurotoxicology.

*Congratulations  
to the 2004  
award winners*

### *AstraZeneca Traveling Lectureship*



**Charlene A. McQueen**

This year's recipient of the AstraZeneca Traveling Lectureship Award is Dr. Charlene McQueen. Dr. McQueen is a professor in the Department of Pharmacology and Toxicology, College of Pharmacy at the University of Arizona. Dr. McQueen's research focus is currently on fundamental studies of the role of genetic variation in susceptibility to aromatic amine and hydrazine toxicity. Along with numerous accomplishments, Dr. McQueen most recently received the 2003 SOT Public Communication Award.

Dr. McQueen's Traveling Lectureship is designed to continue and expand her collaborations with European scientists and to initiate several new collaborative ventures. The scientists at the proposed sites are all highly renowned scientists working in fields that complement Dr. McQueen's current and future research efforts. These include Dr. Edith Sim at the University of Oxford, England, Dr. Ann Daly at the University of Newcastle in England, Dr. Jean-Marie Dupret at the Faculte de Medicine Pitie Salpetriere in Paris, Dr. Urs Meyer at the University of Basel, Switzerland, and Dr. Michael Eichelbaum at the Fischer Bosche Institute of Clinical Pharmacology in Stuttgart Germany. There is no doubt that Dr. McQueen will learn significant and exciting new research modalities and methods from the tour.

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



**Snorri S. Thorgeirsson**

This year's recipient of the Colgate-Palmolive Traveling Lectureship in Alternative Methods in Toxicology is Dr. Snorri S. Thorgeirsson, Laboratory Chief, of the Laboratory of Experimental Carcinogenesis, National Cancer Institute. For his Traveling Lectureship, Dr. Thorgeirsson will be hosted by Harihara M. Mehendale, and faculty in the Department of Toxicology, School of Pharmacy, College of Health Sciences, The University of Louisiana at Monroe, LA. His visit will be for 4 to 5 days and

will encompass daily laboratory demonstrations as well as lectures. Dr. Thorgeirsson, a Member of the Society of Toxicology, is a widely recognized senior scientist with a wealth of experience in the use of *in vitro* alternative methods. He will demonstrate hepatocyte and stem cell culture including aspects of the role of stem cells in tissue repair. Of particular interest, are the future possibilities of using stem cells as predictive models and tools for use in alternative methods to replace the use or at least minimize the use of animals in research. Dr. Thorgeirsson's visit and lecture/demonstration series will benefit the graduate students, post-doctoral fellows and members of the faculty engaged in research as well as in research training.

### *SOT/IUTOX AstraZeneca Travel Award*

Recipients: Xianping Ying (China), P. K. Gupta (India), Salmaan Inayat-Hussain (Malaysia), and Christina Bolaton (Phillipines).

## 2004 Student Award Winners

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



**Recipient:**  
Kimberly Miller

**University of Maryland School of Medicine**

### *Novartis Graduate Fellowship*



**Recipient:**  
James Luyendyk

**Michigan State University**

# 2004 Fellowship and Travel Award Winners

## *2004 Society of Toxicology Graduate Travel Award Recipients*

Lauren M. Aleksunes .....	University of Connecticut	Natalie Lassen .....	University of Colorado Health Sciences Center
Reiko Anahara .....	Chiba University Japan	Yafan Li .....	University of Wisconsin
David Arrington .....	Medical University of South Carolina	Xuhong Liu .....	Texas A&M University
Elizabeth A. Berg .....	New York University School of Medicine	Ying Liu .....	Texas Tech University
Madhavi Billam .....	Texas Tech University	Manupat Lohitnavy .....	Colorado State University
Jessica A. Bonzo .....	University of California San Diego	Amie K. Lund .....	University of New Mexico
Brian M. Brock .....	University of Rhode Island	Daniel E.W. Machemer .....	University of California San Diego
Jared Brown .....	University of Montana	Jeffrey S. Moffit .....	University of Connecticut
Amy B. Cadwallader .....	University of Utah	Mai A. Ngo .....	University of California Davis
Jerry L. Campbell Jr. ....	University of Georgia	Trisha L. Noreault .....	Dartmouth Medical School
Zhuoxiao Cao .....	St. John's University	Onyinye E. Nwagbara .....	Florida A&M University
Amit M. Chaudhary .....	University of Mississippi	Marcin F. Osuchowski .....	University of Georgia
Kathryn J. Chavez .....	Cornell University	Chintan Y. Patel .....	Long Island University
Daesuk Chung .....	University of Michigan	Amanda D. Phelka .....	University of Michigan
Jou-Ku Chung .....	Northeastern University	Melinda J. Pomeroy .....	Virginia Tech
Alper Coban .....	Mississippi State University	Marija Popovic .....	University of Toronto
Stacy M. Corthals .....	Indiana University School of Medicine	Christine L. Powell .....	University of North Carolina at Chapel Hill
Kristy A. Cortright .....	University of California Davis	Karine Price .....	University of Montreal
Kari A. Cox .....	University of Texas at Austin	Xinzhu Pu .....	Purdue University
Todd L. Davidson .....	New York University School of Medicine	Soma S. Ray .....	University of Kentucky
Jennifer E. Dawson .....	Queen's University	Mark J. Reimers .....	Oregon State University
James E. Dennison .....	Colorado State University	Victoria E. Richards .....	University of Arizona
Sachin S. Devi .....	University of Louisiana at Monroe	Cheryl E. Rockwell .....	Michigan State University
Julie A. Dobbs .....	Mississippi State University	Lynette K. Rogers .....	Ohio State University
Jing Dong .....	University of Texas	Sharmilee P. Sawant .....	University of Louisiana at Monroe
Melanie L. Doyle .....	University of North Carolina	Shengli Shi .....	University of Washington
Reem H. Elbekai .....	University of Alberta	Kaul Siddharth .....	Iowa State University
Quentin Felty .....	University of Alabama at Birmingham	Arno G. Siraki .....	University of Toronto
Heather S. Floyd .....	Wake Forest University	Monica R. Smith .....	Meharry Medical College
Enrique Fuentes .....	University of Puerto Rico	Christopher L. Sprague .....	University of Wisconsin-Madison
Thomas Guillot .....	Emory University	Tingting Sun .....	University of Mississippi Medical Center
Yingying Guo .....	University of Washington	Sabine Teske .....	Washington State University
Murali Gururajan .....	University of Kentucky	Natasha A. Thadani .....	Queen's University
Natalia L. Harmon .....	Texas Southern University	Eric S. Tien .....	Pennsylvania State University
Mary Hassani .....	University of Montana	Wachareeporn Trinachartvanit .....	University of Illinois
Juan P. Hernandez .....	University of Texas at El Paso	Irina V. Ustyugova .....	West Virginia University
Laura Y. Hernandez .....	University of Texas at El Paso	Vimala Vemireddi .....	Virginia Tech
Brett D. Hollingshead .....	Pennsylvania State University	Thomas Visalli .....	University of Medicine & Dentistry of New Jersey
Qunshan Jia .....	Michigan State University	Jianyong Wang .....	University of Arkansas for Medical Sciences
Chirag Kariya .....	University of Colorado Health Sciences Center	Deena M. Wassenberg .....	Duke University
Tisha C. King Heiden .....	University of Wisconsin-Milwaukee	Kimberly C. Wise .....	Texas Southern University
Hesham M. Korashy .....	University of Alberta	Kristina K. Wolf .....	Dartmouth Medical School
Marisa L. Kreider .....	Duke University	Amber K. Wyman .....	University of Rochester
Robert K. Kuester .....	University of Arizona	Jianxun Xie .....	University of Rhode Island
Takashima Kyoka .....	Chiba University Japan	Mei Xu .....	West Virginia University
Raymond J. Langley .....	University of New Mexico	Xiaofei Zhang .....	University of California Riverside

## *Colgate-Palmolive/Society of Toxicology Award for Student Research Training in Alternative Methods Recipients*

**Jaya Chilakapati**

University of Louisiana  
at Monroe

**Marc Nascarella**

Texas Tech