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 2007 award nominations is October 9, 2006.

The Awards Committee reviews applications for SOT Awards and Sponsored Awards. 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 Awards 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). Students may only receive one SOT-National travel award.

Full descriptions of all awards, awards no longer being offered, application procedures, and names of past recipients may be found on the SOT Web site at www.toxicology.org.

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.

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 ..................................................................... Iain C. Munro
1976 ..................................................................... Curtis D. Kaassen
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 S. Ramos
1997 ..................................................................... Kevin E. Driscoll
1998 ..................................................................... Rick G. Schnellmann
1999 ..................................................................... Michel Charbonneau
2000 ..................................................................... Christopher Bradfield
2001 ..................................................................... Martin A. Philbert
2002 ..................................................................... Ruth A. Roberts
2003 ..................................................................... Lois D. Lehman-McKeeman
2004 ..................................................................... David C. Dorman
2005 ..................................................................... (No Award)
2006 ..................................................................... Jose E. Manautou
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
2005 ................................................................. Rory B. Conolly
2006 ................................................................. Kathryn R. Mahaffey

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 Desaih
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
2005 ................................................................. Kevin M. Crofton
2006 ................................................................. Robert A. Roth
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 Toxicological Sciences (formerly published as Fundamental and Applied Toxicology)

Award Recipients

1995 ..............................  J. L. Larson, D. C. Wolf, B. E. Butterworth
1995 ..............................  M. I. Luster, C. Portier, D. G. Pait, G. J. Rosenthal,
1995 ..............................  D. R. Germolec, E. Corsini, B. L. Blaylock,
1995 ..............................  P. Pollock, Y. Kouchi, W. Craig, K. L. White,
1995 ..............................  A. E. Munson, C. E. Comment
1996 ..............................  B. C. Allen, R. J. Kavlock, C. A. Kimmel,
1997 ..............................  T. Hamashima, S. Sato, T. Kitaizaki,
1998 ..............................  M. C. Matony, G. D. Hodgson
1998 ..............................  D. D. Parrish, M. J. Schlosser, J. C. Kapegian,
1999 ..............................  C. A. Franklin, M. J. Inskip, C. L. Baccanale,
1999 ..............................  C. M. Edwards, W. I. Manton, E. Edwards,
1999 ..............................  V. M. Traina
2000 ..............................  H. A. Boulares, C. Giardina, C. L. Navarro,
2000 ..............................  E. A. Khairallah, S. D. Cohen
2001 ..............................  Jinqiang Chen, Yunbo Li, Jackie A. Lavigne,
2001 ..............................  Michael A. Trush, James D. Yager
2002 ..............................  M. J. Bajt, J. A. Lawson, S. L. Vonderfecht,
2002 ..............................  J. S. Gujral, H. Jaeschke
2003 ..............................  S. Haddad, M. Beliveau, R. Tardif, K. Krishnan
2004 ..............................  Urmila Kodavanti, Carolyn Moyer,
2004 ..............................  Allen Ledbetter, Mette Schlusweiler, Daniel Costa,
2004 ..............................  Russ Hauser, David Christiani, Abraham Nyska
2005 ..............................  Nicole V. Soucy, Michael A. Inhat,
2005 ..............................  Chandrashekar D. Kamat, Linda Hess,
2005 ..............................  Mark J. Post, Linda R. Klei,
2005 ..............................  Callie Clark, Aaron Barcowsky
2006 ..............................  Hiroshi Sawada, Kenji Takami, Satoru Ashai

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,
1996 ..............................  F. J. Seidler
1997 ..............................  P. R. S. Kodavanti, T. R. Ward, J. D. McKinney,
1997 ..............................  C. L. Waller, H. A. Tilson
1999 ..............................  S. K. Ramaiah, M. G. Soni, T. J. Bucci,
1999 ..............................  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.,
2000 ..............................  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,
2003 ..............................  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,
1978 ..............................  Philip G. Watanabe
1980 ..............................  Jerold A. Last, Peter F. Moore, Otto G. Raabe,
1980 ..............................  Brian K. Tarkington
1981 ..............................  Yves Alarie, Martin Brady,
1981 ..............................  Christine Dixon, Meryl Karol
1982 ..............................  Melvin E. Andersen, Michael L. Gargas,
1982 ..............................  Lawrence J. Jenkins, Jr., Robert A. Jones
1983 ..............................  Henry D. Heck
1984 ..............................  Erik Dybing, Sidney Nelson, Erik Soderlund,
1984 ..............................  Christier 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,
1989 ..............................  Rogene F. Henderson, Joe L. Mauderly,
1990 ..............................  Roger O. McClellan, M. D. Snipes, Ronald K. Wolff
1990 ..............................  William P. Beierschmitt, Joseph T. Brady,
1990 ..............................  John B. Bartolone, D. Stuart Wyand,
1991 ..............................  Edward A. Khairallah, Steven D. Cohen
1991 ..............................  Jay Babcock Silkworth, Daryl Cutler,
1991 ..............................  LuAnn Antrim, Don Houston, Casimir Tumasonis,
1991 ..............................  Laurence S. Kaminsky
1992 ..............................  Donald A. Fox, Steve D. Rubinstein, Pauline Hsu
1993 ..............................  Thomas Mably, Robert W. Moore, Robert W. Goy,
1993 ..............................  Richard E. Peterson
1994 ..............................  Susan J. Borghoff, William H. Lagarde

Visit the SOT Web site for up-to-date
Membership information at www.toxicology.org.
Colgate-Palmolive Grants for Alternative Research

The Colgate-Palmolive Grants for Alternative Research will identify and support efforts that promote, develop, refine, or validate scientifically acceptable animal alternative methods to facilitate the safety assessment of new chemicals and formulations. Scientists at any stage of career progression may submit a proposal.

High priority will be given to projects that use in vitro or non-animal models, reproductive and developmental toxicology, neurotoxicology, systemic toxicology, sensitization, and acute toxicity.

Applications can be for a single year or multi-year, and candidates can reapply for additional funding each year. The maximum award in any one year will not be greater than $40,000. Awards are made as a single lump payment. An expert panel from the SOT In Vitro Specialty Section will recommend a prioritized list of applicants for funding, with the final awards designated by the SOT Awards Committee.

Award Recipients

2006 ......................................................... Rola Barhoumi, Abby Benninghoff, Jodie Flaws, Courtney Sulentic, Xiaouzhong Yu

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 $38,500) for one year. The award may be extended for an additional year upon agreement between Colgate-Palmolive and the post-doctoral fellow. The award is available to post-doctoral trainees employed by academic institutions, federal/national laboratories, or research institutes worldwide. Preference will be given to applicants in their first year of post-doctoral study. Applications are due in even calendar years and the fellowship is awarded for the following year. The next application deadline: October 9, 2006.

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

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 Awards Committee will present the awards to graduate students. Up to five awards, at $3,500 each, are available. Deadlines for applications are February 15, June 15, and October 9.

Graduate Students: The award is for expenses for training consistent with the goal of this award program. The training may include, but is not limited to, use of in vitro and ex vivo procedures, non-mammalian animal models, computer modeling, and structure-activity relationships. Graduate students may propose to develop expertise in such methodologies at 1) a laboratory away from their home institution; 2) a laboratory at their home institution that would not be available to them otherwise; or 3) approved workshops, symposia, or continuing education programs where hands-on training will be received. The training should help toxicology graduate students enhance their thesis or dissertation research. The overall goal is to support the replacement, reduction, or refinement of currently used animal models in toxicology research and testing. Awards of up to $3,500 per student will defray travel, per diem, and training expenses.

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
2005 ................................................................. Vishaka Bhave, Ankur Dnyanmote, Johnathan Maher
2006 ................................................................. Mary Hassani, Prajakta Palkar

Visit the SOT Web site for up-to-date membership information at www.toxicology.org.
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: .................................................. Narendre 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 ........................................................... North Carolina Association for Biomedical Research (NCABR), Americans for Medical Progress (AMP)
2005 ........................................................... Orrin G. Hatch, Foundation for Biomedical Research (FBR)
2006 .......................................................... Jayne Mackta

Visit the SOT Web site for up-to-date Membership information at www.toxicology.org.
AWARDS AND DESCRIPTIONS

The Distinguished Lifetime Toxicology Scholar Award

The Distinguished Lifetime 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 presented in 2001 as the Scientific Achievement Award.)

Award Recipients

2001 ................................................................. James E. Troska
2003 ................................................................. Henry C. Pitot
2004 ................................................................. Gerald N. Wogan
2005 ................................................................. Daniel Nebert
2006 ................................................................. Sten G. Orrenius

The 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 ................................................................. Ted A. Loomis
1976 ................................................................. Robert B. Forney
1977 ................................................................. Sheldon D. Murphy
1979 ................................................................. 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 Mehandale
2002 ................................................................. Joseph Borzelleca
2003 ................................................................. Frederick W. Oehme
2004 ................................................................. A. Jay Gandolfi
2005 ................................................................. Nobuyuki Ito
2006 ................................................................. Robert A. Schatz

The 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 sound and responsible use of animals in scientific 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
2005 ................................................................. Daniel Acosta
2006 ................................................................. William S. Stokes

Visit the SOT Web site for up-to-date Membership information at www.toxicology.org.
Graduate Student Fellowship Award—Novartis Award

The Graduate Student Fellowship—Novartis Award is available for 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 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.

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 ................................................................. Vimal Vaidya
2002 ................................................................. Kartik Shankar
2003 ................................................................. Sachin Devi
2004 ................................................................. James Luyendyk
2005 ................................................................. Andrea W. Wong
2006 ................................................................. Sheung P. Ng

(Recipients of Graduate Fellowship Awards no longer offered may be found on the SOT Web site at www.toxicology.org.)

Graduate Student Travel Support

Graduate Student Travel Support defrays 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 SOT Graduate Student Travel Support.

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. Sollingen*
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. Eliot*
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

Visit the SOT Web site for up-to-date Membership information at www.toxicology.org.
AWARDS AND DESCRIPTIONS

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. The recipient delivers the Merit Awardee Lecture at the SOT Annual Meeting.

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
2005 .................................................. Roger McClellan
2006 .................................................. A. Wallace Hayes

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.

Pfizer Undergraduate Student Travel Award

Pfizer Undergraduate Student Travel Awards are presented through the Society of Toxicology to foster an interest in graduate studies in the field of toxicology by bringing promising undergraduate students to the SOT Annual Meetings. Pfizer, Inc. will provide up to five awards per year to undergraduate students presenting research at the Annual Meeting. Awardees will be selected based on the quality of the submitted abstract and their advisor’s supporting recommendation. Those selected will receive travel assistance for the Meeting, a plaque presented at the annual Awards Ceremony, and recognition at a special Pfizer function. Awardees will be matched with a graduate student and a Pfizer scientist to mentor them during the Meeting, and will have the opportunity to attend the Society of Toxicology Undergraduate Education Program on the Sunday of the SOT Annual Meeting.

Awards Recipients

2006 .................................................. Shawntay Chaney, Theresa M. Eagle,
.................................................. Natalie Malek, Adeliada Segarra, Ryan Vaughan

Visit the SOT Web site for up-to-date membership information at www.toxicology.org.
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), outreach, public presentations, public forums, radio and television scripts, and workshops. The award consists of a plaque and a cash stipend.

Awards Recipients

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>1994</td>
<td>Michael A. Kamrin</td>
</tr>
<tr>
<td>1995</td>
<td>Philip Abelson*</td>
</tr>
<tr>
<td>1996</td>
<td>Bruce N. Ames</td>
</tr>
<tr>
<td>1997</td>
<td>Audrey Gotsch</td>
</tr>
<tr>
<td>1999</td>
<td>Ann de Peyster</td>
</tr>
<tr>
<td>2001</td>
<td>Anna Shvedova</td>
</tr>
<tr>
<td>2002</td>
<td>Sam Kacew</td>
</tr>
<tr>
<td>2003</td>
<td>Charlene A. McQueen</td>
</tr>
<tr>
<td>2004</td>
<td>Kenneth Olden</td>
</tr>
<tr>
<td>2005</td>
<td>Robert Kreiger</td>
</tr>
</tbody>
</table>

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 section on the SOT Web site for full details.

SOT/AstraZeneca IUTOX Fellowship

The AstraZeneca company and SOT, sponsor travel fellowship awards annually, which are administered by IUTOX. Awards will be available to senior scientists from a country where toxicology is underrepresented to assist with travel to attend the Society of Toxicology Annual Meeting.

Award Recipients

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>Christopher Dishovsky (Bulgaria), Zoltan Gregus (Hungary), Maritza Rojas Martini (Venezuela), Choon-Nam Ong (Singapore), W. Wasowicz (Poland), Ping-kun Zhou (China)</td>
</tr>
<tr>
<td>2003</td>
<td>Jian-Hui Liang (China), Marjan G. Vrakoc (Slovenia), Eman A. Seif (Egypt)</td>
</tr>
</tbody>
</table>

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, under Specialty Sections or the Awards and Fellowships section.

Undergraduate Toxicology Education Award

The Undergraduate Toxicology Education 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 institutions that receive a limited amount of Federal funding in science and technology (Institution List). Preference in selection will be students who are first generation college attendees (that is, neither parent graduated from a four-year academic institution).

Meeting registration and support for travel, lodging, and meals are provided for students who are not local to the meeting site. Students from local institutions receive registration, meeting materials, and an expense stipend.

Awards Recipients

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>Cristina Bolaton (Philippines), P.K. Gupta (India), Salmaan Inayat-Hussain (Malaysia), Xianping Ying (China)</td>
</tr>
<tr>
<td>2005</td>
<td>Diana B. Apostolova (Bulgaria), Marite Aria Bake (Latvia), Teresa I. Fortuoul (Mexico), Mary Gulumian (South Africa), He Jiliang (China), Khalidiya Khamidulina (Russia), L. Orish Orisakwe (Nigeria), Songsak Srianuntra (Thailand), Sinan Suzen (Turkey)</td>
</tr>
<tr>
<td>2006</td>
<td>Olanike Adeyemo (Nigeria), Deepak Argwal (India), Carlos Colangelo (Argentina), Sandra Demichelis (Argentina), Mamtaz Iscan (Turkey), Karolina Lyubomirova (Bulgaria), Osman Aly Osman (Egypt), Shuang-Qing Peng (China), Julia Radenkova-Saeva (Bulgaria)</td>
</tr>
</tbody>
</table>
Dr. Jose Manautou's dedication to the training of young scientists is unmatched. His students speak proudly of his continued mentorship through daily problem solving, while allowing them the autonomy and flexibility needed for them to guide the path of their research projects. In addition to managing his research laboratory, Dr. Manautou participates on a number of committees including the National Research Council Committee on Human Health Risks of Trichloroethylene and the European Commission Sixth Framework Programme on Food Quality and Safety on Risk Assessment of Non-Dioxin-Like Polychlorinated Biphenyls. Also worth mentioning is his continued contributions to regulatory affairs and risk assessment of chemical agents, particularly on the health risks associated with exposures to the toxic metals lead and methylmercury.

Dr. Jose Manautou is a highly deserving recipient of the 2006 SOT Achievement Award. His outstanding research and professional accomplishments place him among an elite few in the field of toxicology.
Drug-induced phospholipidosis was identified more than 50 years ago, and since that time, numerous drugs and xenobiotics have been shown to produce this phospholipid storage disorder. The condition is generally difficult to diagnose, relying predominantly on microscopic confirmation of the presence of lamellar bodies in affected tissues. In the recognized paper, the authors carried out toxicogenomic studies to examine the molecular mechanisms of drug-induced phospholipidosis and applied these results to identify specific markers that could be used to develop an in vitro screening test for this effect. They performed large-scale gene expression analysis in human hepatoma HepG2 cells, and the results established that alterations in pathways involved in both the synthesis and degradation of phospholipids were involved in the syndrome. Specifically, after 6 or 24 hours after treatment, there was evidence for reduced expression of genes involved in lysosomal phospholipase activity and lysosomal enzyme transport along with the induction of genes that regulate phospholipid and cholesterol biosynthesis. The authors validated the results of the gene expression changes by real-time PCR and used these results to identify a set of 12 marker genes that could be used to predict phospholipidosis. The in vitro assay represents an important extension of the toxicogenomic analysis because it provides for an accurate, mechanism-based in vitro screening method.

It is generally recognized that genomic technologies can facilitate major advances in our understanding of the molecular underpinning of both normal biological events and adverse effects. However, with only a few exceptions, much of the available toxicogenomic data is limited to a description of gene expression patterns that may or may not facilitate hypothesis generation. The recognized paper is an important and outstanding contribution in advancing the use of toxicogenomic data because it provides new mechanistic insight into an important toxicological issue that extends the validated genomic results into an effective rapid screening system. The authors have provided an exceptional example of the utility of toxicogenomic approaches for mechanistic toxicology and for developing useful biomarkers of toxicity.

**Colgate-Palmolive Grants for Alternative Research**

The following five toxicologists have been awarded funding for research that promotes, develops, refines, or validates scientifically acceptable animal alternative methods to facilitate the safety assessment of new chemicals and formulations.

**Rola Barhoumi, Texas A & M University**

Project Title: Early Toxicity Screening for Drug Development in Immature Neural Cells

**Abby D. Benninghoff, Oregon State University**

Project Title: Toxicogenomics in Chemical Profiling: An Evaluation of the Utility of In Vitro Hepatic Gene Expression Profiles for Predicting Chemical Classification

**Jodi Flaws, University of Maryland Baltimore**

Project Title: Proposal to Develop a Micro-assay for Culturing Mouse Ovarian Surface Epithelium and Assessing DNA Adduct Formation

**Courtney E.W. Sulentic, Wright State University**

Project Title: Modulation of the 3’ Immunoglobulin Heavy Chain Regulatory Region, a Prospective In Vitro Screening Tool for Identifying Potential Immunotoxicants

**Xiaozhong Yu, University of Washington**

Project Title: Validation of an ECM-Overlay-Based 3-D Sertoli Cell/Gonocyte Co-Cultures System as an In Vitro Model for Assessment of Male Reproductive Toxicity
Contributions to Public Awareness of Animal Welfare 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.

The 2006 Award winner, Ms. Jayne Mackta, is President of the New Jersey Association for Biomedical Research (NJABR), an organization that is a well known and widely heard voice of reason in conveying the importance of animals in toxicological research to the public. In her role as President of this organization, Ms. Mackta is an untiring crusader. Not only is she active in providing public awareness of this issue, she also participates in informing local and national legislators of the need for government recognition and appropriate legislation regarding the use of animals in research. Ms. Mackta accomplishes her goal of educating the public about the importance of animals in research through diverse mechanisms. She established a speakers bureau that links speakers with schools for the purpose of spreading the message of the value of animals in all types of research. She developed a variety of programs including the ASK program that supports teachers who believe in the importance of using animals in education, the CLOUT program that educates elective officials to the importance of using animals in research, and roundtable discussions that bring together academic scientists with potential partners in industry and government. Under Ms. Mackta’s leadership, the NJABR sponsors an annual “Thank You Research” month to celebrate the achievements of people and programs involved in biomedical research. This program includes a lesson plan that encourages students to write thank you letters to researchers involved in an area of biomedical research that has affected them. Ms. Mackta’s efforts have been instrumental in establishing the NJABR as a credible resource for providing information for schools and public organizations on the important and integral role that animals play in biomedical research including toxicology. Her dedication to fostering awareness in the community of the importance of animals in toxicology and other areas of biomedical research make her an excellent choice for the Contributions to Public Awareness of the Importance of Animals in Toxicology Research Award.

Distinguished Lifetime Toxicology Scholar Award

Dr. Sten G. Orrenius has made important contributions to the field of toxicology over the last 40 years. He received his Ph.D. in 1965 and his M.S. in 1967 from the Karolinska Institute in Stockholm, Sweden. He later was appointed Professor and Chairman of the Department of Forensic Medicine at the Karolinska Institute and also became its Dean of Medicine. From 1988-1999, he served as Director of the Institute of Environmental Medicine, and subsequently became Professor Emeritus at the Karolinska Institute in 2004. During his tenure he has contributed over 542 publications related to cytochrome P-450, mechanisms of cytotoxicity, glutathione and other cellular defense systems, oxidative stress, calcium signaling, and, most recently, regulation and mechanisms of cell death. The importance of his contributions is indicated by the fact that he is recognized as a Highly Cited Researcher by Thomson ISI. Moreover, he has received numerous professional honors, such as membership in the Royal Swedish Academy of Sciences, the Merit Award from EUROTOX, the MRC lectureship at the 41st Annual Meeting of the Society of Toxicology, and the first European Cell Death Organization (ECDO) Career Award for Excellence in Cell Death Research. This SOT award is granted in recognition of his extensive and continuing contributions in both research and mentorship to the field of toxicology over the past four decades. Dr. Orrenius continues to be a major contributor both to our understanding of oxidative stress and calcium-mediated cytotoxicity and to promotion of the field of toxicology.
Education Award

The recipient of the 2006 Education Award is Dr. Robert A. Schatz, Associate Professor of Toxicology and Director, Toxicology Program, Bouve College of Health Sciences, Northeastern University. January 2006 will be Dr. Schatz’s 25th anniversary for toxicology teaching at Northeastern University! While Dr. Schatz has had a long-standing interest in studying the influence of solvents on the regulation of drug metabolizing enzymes in the respiratory tract and consequent respiratory toxicity, his greatest achievement has been the training of both undergraduate and graduate students in toxicology.

Dr. Schatz began his career by receiving his B.S. in Pharmacy from the Massachusetts College of Pharmacy (1966) and Masters in Pharmacology from Northeastern University (1968). He received his Ph.D. in Pharmacology/Toxicology from the University of Rhode Island (1971) after which he was appointed as an NIH post-doctoral fellow at the Mental Health Research Institute, University of Michigan. From 1973-1981 he rose through the ranks and reached the level of Senior Research Associate. In 1981, Dr. Schatz joined the Toxicology/Pharmacology Program at Northeastern University. At Northeastern University, Dr. Schatz quickly assumed leadership positions. From 1985-1988, he served as Acting Director of the Toxicology Program and was then appointed Director. He also served as Acting Director, Biomedical Sciences (1988-1990) and then Director of the Pharmaceutical Sciences Graduate Program (1999-present). Dr. Schatz has also held numerous positions in the Society of Toxicology including, most recently, a member of the Animals in Research Committee (1998-2002) and Vice President of the Northeast Regional Chapter of the Society of Toxicology (1998-1999).

Northeastern University has one of the few undergraduate toxicology degree programs in the United States. This program has been very successful over the years in producing undergraduate students, numbering in the 100s, who have assumed leadership positions in academia, government, and industry. Dr. Schatz has also trained 19 doctoral students and has served on the thesis committees of many others. The training of this large number of students from this small toxicology program, with limited resources and space, is quite an accomplishment. The success of the Northeastern Toxicology program at both the undergraduate and graduate levels has been and continues to be completely dependent on Dr. Schatz’s continuous perseverance and, often, personal financial support. Ask any Northeastern University graduate how they traveled to SOT each year to participate in the national meeting and you are likely to discover that personal support from Dr. Schatz played a major role. We honor Dr. Schatz with the 2006 Education Award because of this personal dedication and willingness to foster the development and career interest of undergraduate and graduate students in toxicology.

Enhancement of Animal Welfare

Dr. William S. Stokes, Director of the National Toxicology Program’s Interagency Center for the Evaluation of Alternative Toxicological Methods at the National Institute of Environmental Health Sciences, is the 2006 recipient of the Enhancement of Animal Welfare Award. This award was instituted in 2000 to honor a member of the Society of Toxicology whose scientific accomplishments have lead to a marked reduction in the use of experimental animals for research. Dr. Stokes is responsible for directing the scientific evaluation of new chemical and product safety assessment methodologies that support improved protection of human health and improved animal welfare. He also administers the Interagency Coordinating Committee on the Validation of Alternative Methods (ICCVAM), which reviews test methods of interagency interest and coordinates related validation, regulatory acceptance, and national and international harmonization issues within the Federal government. Dr. Stokes is a Captain in the Commissioned Corps of the U.S. Public Health Service (USPHS) and the Chief Veterinary Officer for the USPHS. In this role, he is responsible for providing leadership and coordination of Public Health Service veterinary professional affairs for the Office of the Surgeon General and the Department of Health and Human Services. Dr. Stokes is a recipient of the NIH Director’s Award and the Russell and Burch Recognition Award from the Humane Society of the United States. Dr. Stokes also served as a Council member for the Institute for Laboratory Animal Research at the National Research Council, National Academy of Sciences from 1998-2004. The Society of Toxicology is pleased and honored to recognize Dr. Stokes’ contributions to marked reduction in the use of experimental animals for research.

Visit the SOT Web site for up-to-date Membership information at www.toxicology.org.
2006 AWARD WINNERS

Merit Award

Dr. A. Wallace Hayes has made significant contributions to the field of toxicology through his research accomplishments, his mentorship of young scientists, his dedication to the associated societies, and his textbook contributions. Through his tenure in both corporate environments and academic positions, he has been a contributing author to over 180 peer-reviewed scientific reports and has contributed to the publication of nine reference books, including Principles and Methods of Toxicology, which serves as an indispensable guide not only for those involved in risk assessment but for basic scientists, clinicians, and others. He has given generously of his time to the Society of Toxicology in roles on many different committees (Program, Technical, Animals in Research, Membership, and Education) and served on its Council. In addition, he has served in numerous editorial capacities for journals, including Editor of Toxicology and Applied Pharmacology. Dr. Hayes is currently editor of Cutaneous and Ocular Toxicology and editor for the Americas of Human and Experimental Toxicology. He has served on the board of Directors, and as Vice-President and President, of the Academy of Toxicological Sciences. His dedication to education and mentoring is exemplified by his role in the establishment of the Leon Goldberg Memorial Post-Doctoral Fellowship Program for Toxicology at Duke University. Dr. Hayes has been active as a Board Member and Officer of the Toxicology Education Foundation. He has served as a delegate to the International Union of Toxicology (IUTOX) and on several IUTOX commissions. Dr. Hayes currently is the Secretary-General of IUTOX. Dr. Hayes has served on committees and expert panels for the National Academy of Sciences, the National Institutes of Health, the Environmental Protection Agency, and the Department of Defense as well as on several international expert panels. Dr. Hayes is a diplomat of the American Board of Toxicology, the American Board of Forensic Medicine, and the American Board of Forensic Examiners. He is a Fellow of the Academy of Toxicological Sciences, the Institute of Biology (UK), and the American College of Forensic Examiners. Dr. Hayes is a registered toxicologist in the European Union (ERT). Dr. Hayes is currently at Harvard School of Public Health. For his past and continuing contributions, Dr. A. Wallace Hayes is highly deserving of the Merit Award.

Student Awards

2006 Graduate Student Fellowship—Novartis Award

Sheung P. Ng, New York University School of Medicine

Pfizer Undergraduate Student Travel Award

Shawntay Chaney, University of Houston
Theresa M. Eagle, Michigan State University
Natalie Malek, Texas A&M University
Adeliada Segarra, University of Puerto Rico Cayey
Ryan Vaughan, University of Connecticut Storrs

Visit the SOT Web site for up-to-date Membership information at www.toxicology.org.
2006 Society of Toxicology Graduate Travel Support Recipients

Amanda Ashley, Colorado State University
Ok Nam Bae Seoul, National University, Korea
Wade Barranco, University of California Los Angeles
Sally Brady, University of London, United Kingdom
Christopher Brynczka, NIEHS
Cecilia Chan, University of California Los Angeles
Grace Chan, St. John's University
Xiaoning Chang, Queen's University, Canada
Jaia Chilakapati, University of Louisiana Monroe
Sudhakar Chintharlapalli, Texas A&M University
Jonathan Ciencewicki, University of North Carolina Chapel Hill
Jeanette Comeau, Queen's University, Canada
Steven Cooper, USFDA-NCTR
Lauren Courter, Oregon State University
Christine Curran, University of Cincinnati
Yolanda Dale, Meharry Medical College
Edward Deke, Rutgers University
Ankur Dnyanmote, University of Louisiana Monroe
G. Scott Dotson, University of South Florida-CEORAM
Althea Elliott, Wayne State University
David Farrer, University of Rochester
Shannon Fernandez, University of Arizona
Robert Foxenberg, University at Buffalo
Marisol Gutierrez, Rutgers University
Genevieve Hamelin, Universite de Montreal, Canada
Kouji Harada, Kyoto University, Japan
Jaime Hatcher, Emory University
Rebecca Henseler, Wright State University
Christina Herden, Michigan State University
Lya Hernandez, Queen's University, Canada
Jedd Hillegass, Rutgers University
Frank Johnson, Mississippi State University
Vijay Kale, University of Louisiana Monroe
Suzanne Krance, University of Rochester School of Medicine
Chelsea LauderMilch, Virginia-Maryland Regional College of Veterinary Medicine
Junga Lee, Oregon State University
Fujun Liu, Texas Tech University
Thomas Long, University of North Carolina
Jean Lord, University of Arizona
Gang Lu, Rutgers University
Yasong Lu, Colorado State University
Rosemarie Marchan, University of Rochester
Vivek Mathrani, University of California Davis
Minerva Mercado-Feliciano, Indiana University
Keiko Okamoto, San Diego State University
Bladimir Ovando, University at Buffalo
Rushang Patel, Penn State University
Julian Pittman, Mississippi State University
Kathila Rajakapaka, University of Arizona
Jennifer Rayner, University of North Carolina Chapel Hill
Ava-Gaye Rhule, University of Montana
Elizabeth Ryan, University of Rochester School of Medicine
Ashwini Sabnis, University of Utah
Yuhui Shi, Michigan State University
Kerstin Stemmer, University of Konstanz, Germany
Lorraine Sullivan, University of California Davis
Lauren Tarantino, New York University School of Medicine
Robert Taylor, University of California Los Angeles
Salina Torres, Lovelace Respiratory Research Institute
Emily Tung, Queen's University, Canada
Olga Valenzuela, CINVESTAV, Mexico
Kathryn VanDeMark, University of Washington
Caren Villano, Rutgers University
Xiaodong Wang, University of the Pacific
Xueqian (Shirley) Wang, Purdue University
Lifang Xie, University of Arizona
Yan Xu, Rutgers University
Koji Yamazaki, Chiba University, Japan

Sponsored by Merck & Company
Paul Grivas, University of South Africa
Linnzi Wright, USFDA-NCTR

Colgate-Palmolive—SOT Awards for Student Research Training in Alternative Methods Recipients

Mary Hassani
University of Montana

Prajakta Palkar
University of Louisiana Monroe