Greetings Fellows!

I am pleased to report that your Academy remains active and healthy. I’d like to share a few highlights from the past year.

Congratulations to each of our new Fellows joining the Academy this year. The Fellow distinction represents a prestigious milestone in your career. The ATS growth curve continues its trend upwards each year as qualified scientists actively engaged in the practice of toxicology continue to apply to become Fellows. Our records indicate that we have 268 Fellows—41 are women and 35 are from 16 countries outside the US. We encourage all qualified individuals who meet the requirements to consider applying for Fellow status. Our successes are driven in large part by the continued growth. Therefore, I ask a favor of each of you to help sustain the Academy. Please identify promising candidates and encourage them to apply.

I was pleased to greet many of you at our annual reception on March 26 in Phoenix, Arizona. I sensed a strong camaraderie among those present as I looked around the room. We presented the 4th annual Mildred Christian Career Achievement Award to Roger O. McClellan and corporately recognized his outstanding career with the ongoing tradition of a champagne toast.

Your board of directors was very active this past year, in activities above and beyond our review of applications. I want to thank Ken Wallace, with able assistance from Nancy Monteiro-Riviere and Matt Bogdanffy, for leading the review of the bylaws. I thank Ken for also leading an effort to improve the Fellow recertification form. We continue to make improvements to our application form. I want to thank Mike Holsapple, Nancy Monteiro-Riviere, and MaryJane Selgrade for spearheading this process. The goal is to make the application process easier for applicants to provide the most helpful information and in a format that enhances the review by the Board. I also thank Jim Lamb for leading the effort, with key input from IT/graphics department in our management firm, to upgrade the design, content, and functionality of the ATS website (read Jim’s report in this newsletter). The “History of the ATS” section of the website was updated.

I was honored to serve as your President this past year. I step down knowing that the Academy arc
will continue to trend upward and forward next year under the able leadership of Ken Wallace. Thanks to all members of the board of directors, and especially April Brewer, our Executive Director, who supported me and the many activities undertaken this year.

Cheers-

Peter L. Goering, PhD, DABT, ATS
2013–2014 ATS President

Improved ATS Website
By James C. Lamb, IV

The ATS has revised our website (www.acadtoxsci.org) to make it much more useful for all ATS applicants and fellows. You can even pay your application fees and dues online with the new credit card function. One other advantage is that it is easier to update the site than it was in the past. We welcome any comments on the revised site and hope that you find it useful. We thank Ladd Smith for his very generous donation that made these updates possible.

Roger O. McClellan Receives Academy of Toxicological Sciences 2014 Mildred S. Christian Career Achievement Award

Dr. Roger O. McClellan, DVM, received the Mildred S. Christian Career Achievement Award from the Academy of Toxicological Sciences at the ATS Annual Reception on March 26, 2014. The annual ATS reception is held during the Annual Meeting of the Society of Toxicology.

ATS established the Mildred S. Christian Career Achievement Award to honor the memory of Dr. Christian. Millie was one of the founders of ATS, one of its early presidents, and secretary-treasurer for many years. She devoted a significant amount of passion and hard work to establish ATS as a scientifically recognized organization. The Award is conferred to an ATS Fellow in good standing who has clearly demonstrated a lasting impact on toxicological sciences and extraordinary scientific achievement through publications, professional activities, and/or leadership that have enhanced the practice of toxicology.

Roger McClellan’s monumental achievements and leadership in toxicology for over a half-century
most certainly reflect the attributes of the award. His distinguished career began in the 1950’s during the height of the Cold War at Hanford Research Laboratories, Richland, Washington, when, as a high school and then undergraduate student, he worked alongside senior scientists studying the biological fate and health effects of radioactive materials in plants and animals. In the years following his DVM at Washington State University in 1960, he advanced to the position of senior scientist at Hanford, where he studied the dose-related effects of radiostrontium in producing bone cancer and leukemia.

Roger was recruited to Lovelace Inhalation Toxicology Research Institute (ITRI) in New Mexico in 1966. Over the next two and a half decades under his leadership, Lovelace grew to international esteem for its research on the health effects of airborne radioactive materials and other airborne toxicants, such as diesel exhaust. Roger insisted on two key principles for experimental studies: 1) that aerosol materials be characterized with meticulous detail that enabled robust reproducibility, and 2) that animal exposures range from exposures for which no effects were observed to levels with clear evidence of toxicity. The resulting scientifically sound database proved valuable in addressing health risks and actions following such nuclear facility accidents, such as Chernobyl (Ukraine) and Fukushima (Japan).

In 1989, Roger was recruited to serve as the third President of the Chemical Industry Institute of Toxicology in North Carolina. Over the next decade, Roger grew the reputation of CIIT, recruited a world-class scientific team, and maintained and recruited a cadre of 30 chemical companies to fund the work of institute. CIIT was known for its contributions to improving the scientific basis for understanding and assessing human health risks from exposure to chemicals. Since stepping down as CIIT president, Roger has continued to be active in toxicology and risk assessment, advising private and public organizations on inhalation toxicology and human health risk analysis issues. His efforts in research and risk assessment have led to authoring or co-authoring over 400 peer-reviewed articles or special reports, as well as numerous book chapters.

In addition to building world-class toxicology research organizations, Roger committed these organizations to training future toxicologists. He initiated programs for interns, post-doctoral fellows, and graduate students that ultimately included 500 participants at ITRI and 200 at CIIT. Leadership by example is one of Roger’s traits. He was the first Lovelace scientist to be certified as a Diplomate of the American Board of Toxicology and of the American Board of Veterinary Toxicology, and first Lovelace scientist elected to the National Council of Radiation Protection and Measurements, where he served five terms and is now a Distinguished Emeritus Member. As an institute director, he continued to get into the laboratory, often helping with necropsies. He also demonstrated leadership through service to numerous organizations. Five pages of his CV list his participation in a host of public and private advisory committees and boards. Notably, he served on five National Academy of Science-NRC Committees and guided the Committee on Toxicology as chairperson for seven years. He served as the 26th President (1986–1987) of the Society of Toxicology and was the founding chairperson of the SOT’s Endowment Board.

Roger has been recognized for his achievements throughout his career. He was elected to the Institute of Medicine of the National Academy of Sciences in 1990 and a Fellow of the AAAS. His accomplishments have been honored by the Society of Toxicology with multiple
recognitions—Arnold J. Lehman Award (1992), Merit Award (2005), and Founders Award (2009). More recently, he received the Regents’ Distinguished Alumnus Award (2008) from Washington State University; the David Sinclair Award (2012), the American Association for Aerosol Research; and the Outstanding Career Achievement Award (2012), International Dose-Response Society.

For his distinguished achievements in scholarly research and promoting that the best science is used in human health risk assessment, for untiring leadership and service to multiple scientific organizations and advisory panels, and for contributions to improve the health of our nation and world, the ATS is honored to bestow the 2014 Mildred Christian Career Achievement Award to Dr. Roger O. McClellan.

Call for Nominations for the Mildred S. Christian Career Achievement Award – November 26 Deadline

ATS established the Mildred S. Christian Career Achievement Award to honor the memory of Dr. Christian, known to many as “Millie.”

She gave much of her time and financial resources to the Academy and helped to make the ATS into an efficient and scientifically recognized organization. Many of the policies and practices used today benefit from her efforts.

The ATS award is conferred to an ATS Fellow who has clearly demonstrated a lasting impact on toxicological sciences. The previous winners have been Bruce Ames, Curtis Klaassen, John Doull, and Roger McClellan.

The criteria for the award include, but are not limited to, the following:

1. The awardee must be an ATS Fellow in good standing as either a full ATS Fellow or ATS Emeritus. A Fellow that is a current member of the Board of Directors of ATS is not eligible to receive the award.
2. The awardee must have demonstrated extraordinary scientific achievement through publications, professional activities, and/or leadership that have enhanced the practice of toxicology as judged by the Board of Directors.

The ATS Board of Directors is requesting nominations from the ATS Fellows for the 2015 Mildred S. Christian Award. Nominations remain active for two years. If you believe an ATS Fellow meets the criteria for this award, we request that you submit a letter of support along with the nominee’s biographical information (complete CV if possible) to April Brewer for the Board’s consideration. The deadline for receipt of nominations for the 2015 award is November 26, 2014.

Member News

Dr. Keith Solomon was the 2013 recipient of the Stirling B Hendricks award from the American Chemical Society in Sep 2013.

Dr. John Doull was the recipient of 2013 AACT Career Achievement Award from the American Academy of Clinical Toxicology.

Dr. Daniel Acosta, Jr., was appointed as Deputy Director for Research at the National Center for Toxicological Research (NCTR), effective January 26, 2014. Dan joined the FDA/NCTR from the University of Cincinnati (UC), where he served as the 4th Dean of one of the most prestigious Colleges of Pharmacy in the United States, the University of Cincinnati James L. Winkle College of Pharmacy, from 1996 to 2011,
and, since 2012, as the Joseph W. Carl Chair of Pharmacy. Prior to UC, he was a faculty member of the University of Texas College of Pharmacy for 22 years where he helped develop a nationally-ranked program in toxicology as the first Director of the Toxicology Training Program. Dan exemplifies the credentials of an ATS Fellow. He has been President, Society of Toxicology; Chair of FDA’s Science Advisory Board for the National Center for Toxicological Research; Chair and member of the Texas A&M External Advisory Board of the NIEHS Center for Environmental and Rural Health; Board member of Scientific Advisors for the Office of Research and Development of the Environmental Protection Agency; and member of the National Advisory Committee to the Director of the Center for Environmental Health of the Centers for Disease Control and Prevention. He is also past President of the International Union of Toxicology, a worldwide federation of over 50 countries and their professional toxicology organizations. He has published extensively and serves as Editor of Toxicology In Vitro, an international journal.

As Deputy Director of Research within the Office of Research, NCTR/FDA, Dan will work to continue to expand research collaborations with other FDA Centers, other government agencies, and internationally via the Global Coalition for Regulatory Science Research.

**ATS Takes Part in Global Gallery at SOT Annual Meeting**

The SOT Annual Meeting featured a special session entitled the Global Gallery of Toxicology. Adjacent to the Toxicology Pavilion, Representatives from toxicology societies across the globe gathered to share the aims, initiatives, and accomplishments of these sister societies. The Academy of Toxicological Sciences was one of 32 organizations represented! Our poster and many of the others can be viewed through the SOT Annual Meeting website. Featured in our poster was our vision, how to become a Fellow, a bit about our history and recent achievements, and an impressive display of our growth. Also included was an extraordinary list of winners of our prestigious Mildred S. Christian Career Achievement Award. “The global gallery was an impressive display of the worldwide toxicology community and it was encouraging to see the growing intersection of the ATS membership with many of these global toxicology organizations” said ATS President Peter Goering.

**ATS members participated in the Past Presidents Fun Run at the SOT Annual Meeting**

A perky crew of ATS members after completing the Fun Run at the SOT meeting!
Please Pay Your Annual ATS Membership Dues

Please note that the Annual Membership Dues is due by September 15 of each year. Fellows who have not paid their annual dues as of December 1 will be considered delinquent. For any Fellow who remains delinquent for 30 days (January 1), the Fellow will be encouraged to pay dues in a prompt manner so that their certification and privileges are not suspended pending dues payment. If dues remain unpaid for one year (September 15 of the following year), the Fellow will be informed that their Fellowship status has been revoked. The designation of Fellow can no longer be used, including any professional media and correspondence, from that day forward. This includes, but is not limited to, business cards, letterhead, curriculum vitae, etc.

Election Highlights—Incoming ATS Board of Directors

In December 2013, ATS Fellows cast their ballots to elect new members to serve on the ATS Board of Directors. The ballot included an impressive list of candidates who stepped forward to serve the membership. We are pleased to welcome Samuel M. Cohen, University of Nebraska Medical Center; and Paul M.D. Foster, National Toxicology Program, NIEHS. In addition, we express our gratitude to Ann de Peyster, University of California San Diego; and John DeSesso, Exponent, for participating as candidates in this election process.

Samuel M. Cohen, MD, PhD, ATS, received holds an: MD, PhD, from the University of Wisconsin, and completed an anatomic and clinical pathology residency (St. Vincent Hospital, Worcester, MA. He was visiting professor, Nagoya City University Medical School (1976-1977), staff pathologist at St. Vincent Hospital (1975-1981), and associate professor, pathology, University of Massachusetts Medical School (1977-1981). In 1981 he became Professor and Vice Chairman of Pathology and Microbiology, University of Nebraska Medical Center, and Chairman 1992-2007. Dr. Cohen’s research has focused on carcinogenesis mechanisms, especially the role of cell proliferation. In addition, his research has involved clinical investigations, extrapolation between animals and humans, and risk assessment. This research has resulted in more than 400 publications. He has been a member of numerous NIH, EPA, FDA, WHO, IARC and NAS scientific panels, was a member of the NTP Board of Scientific Counselors (BSC) and the NIEHS BSC. He was recipient of the SOT’s Lehman Award (2001), Distinguished Scientist in Cancer Research by the Japanese Foundation for Cancer Research (2004), and the George H. Scott Award from Toxicology Forum and Lifetime Achievement Award from the Association for Environmental Health and Science (2012). He continues to be active in human surgical pathology and is listed as one of the “Best Doctors in America.” He has been actively involved with ILSI, RSI, and HESI since 1985, member of the HESI Board of Trustees since 2001 (Chairman, 2006-8) and the ILSI Board since 2007 (Chairman, 2012-2014). He has been active in the Carcinogenesis Specialty Section of SOT (President, 2002), the Central States Chapter (President, 2004-5), and several SOT committees. He is a fellow of the Academy of Toxicological Sciences (1995) and International Academy of Toxicologic Pathology (2003).
Paul M. D. Foster, PhD, ATS, received his PhD from Brunel University, Uxbridge, England in 1977 and is currently the Chief of the Toxicology Branch of the Division of the National Toxicology Program (NTP) at the National Institute of Environmental Health Sciences (NIEHS) in Research Triangle Park, NC. Prior to joining NIEHS in 2002, he was the Director of the research program in endocrine, reproductive and developmental toxicology at the CIIT Centers for Health Research (CIIT). He joined CIIT in December 1995 after a 13-year career at Zeneca’s (formerly Imperial Chemical Industries) Central Toxicology Laboratory in Cheshire, England, where he was Head of Reproductive and Developmental Toxicology responsible for all aspects of the Company’s activities in this field in both the research and regulatory arenas. Dr. Foster’s research interests span from understanding the potential human health effects of environmental endocrine disruptors (particularly antiandrogens); mechanisms of testicular toxicity; the study of early testicular Leydig cell dysfunction induced by chemicals as a prelude to hyperplasia and tumors and the toxicokinetic and dynamic parameters affecting the induction of reproductive and developmental toxicity. He also has a broad interest in risk assessment issues in these areas and currently serves as the NTP’s senior discipline leader in Reproductive, Developmental and Endocrine Toxicology. Dr. Foster was presented with the European Society of Toxicology’s young scientist award in 1988 for his work on testicular toxicity and the Society of Toxicology (SOT)’s Reproductive and Developmental Toxicology specialty section award for best paper published in Toxicological Sciences in 2001 and 2004. He has been awarded four NIH merit awards and an EPA Bronze medal. Dr. Foster has served on numerous national and international advisory committees (EPA, WHO, IPCS, ECETOC, OECD, INSERM, MRC, NRC/ NAS, SETAC) dealing with reproductive and developmental toxicology or endocrine disruption. He also holds an adjunct appointment at North Carolina State University. Dr Foster is a member of a number of learned Societies dealing with toxicology and reproduction. He is a former Chair and member of the Continuing Education Committee (1996-1999), Science Program Committee (2009-2013) and a Past President of the Reproductive and Developmental Toxicology specialty section (1997-2001) of the Society of Toxicology. He is also a Fellow of the Academy of Toxicological Sciences (2011). Dr. Foster has served on the editorial boards of Reproductive Toxicology, Birth Defects Research: Developmental and Reproductive Toxicology and as an Associate Editor of Toxicological Sciences. Dr Foster is the author or co-author of over 120 peer-reviewed publications and book chapters, including 5 of the top 50 most cited papers (3 in the top10) in Toxicological Sciences and numerous regulatory study reports.
Kendall B. Wallace is 2014-2015 ATS President

Kendall B. Wallace is a Professor and Associate Dean at the University of Minnesota Medical School on the Duluth campus. Dr. Wallace received his BS in Biochemistry from Michigan State University in 1975 and his PhD in Physiology in 1979 from the same institution. He completed a two-year postdoctoral fellowship in the Toxicology Center at the University of Iowa before accepting an academic appointment first in Pharmacology and then Biochemistry and Molecular Biology at the University of Minnesota, Duluth. Dr. Wallace’s research interest is on the mitochondrion as a target for chemical-induced toxicity and the biochemical and molecular mechanisms that mediate such metabolic diseases; he has received academic recognition as “Basic Science Teacher of the Year” on several occasions. Dr. Wallace is a Diplomate of the American Board of Toxicology and served as President of its Board of Directors in 2001-02. He has served on the executive committees for the Toxicology Division of ASPET (1992-98) and the IUTOX (1993-95; 2013-current). Dr. Wallace is co-Editor of the journal Toxicology and has served on scientific advisory panels to the NIEHS, NHLBI, the US EPA and the US FDA, including the Food Safety Advisory Committee. He is also a member of the Medical Expert Panel for the Vaccine Injury Compensation Program of the HHS. Dr. Wallace is Past President of the Society of Toxicology and a Fellow of the Academy of Toxicological Sciences since 2005.

Michael P. Holsapple Elected ATS Vice President

Dr. Holsapple received his graduate training in Pharmacology and Toxicology from Purdue University, having earned an MS in 1978 and a PhD in 1981. From 1983–1994, he served on the faculty at the Medical College of Virginia/Virginia Commonwealth University in Richmond, Virginia where he maintained consistent funding with grants from NIH, NIDA, and EPA and served as the advisor for 8 PhD and MS candidates. From 1994–2002, Dr. Holsapple worked in the Toxicology, Environmental Research and Consulting Laboratories at the Dow Chemical Company in Midland, Michigan, where he led the Immunotoxicology and the Respiratory Toxicology groups. From 2002–2011, Dr. Holsapple was the Executive Director of the Health and Environmental Sciences Institute (HESI) in Washington, DC. During his time with HESI, Dr. Holsapple facilitated the organization’s emergence as a recognized global leader in advancing the state-of-the-science of safety and risk assessment. Dr. Holsapple was Senior Research Leader in systems toxicology at the Battelle Memorial Institute in Columbus, Ohio, from 2011–2014 and moved to Covance Laboratories (Madison, WI) in late January 2014. He now serves as the Executive Director of Global Immunotoxicology at Covance. He has published over one hundred and fifty manuscripts and chapters. He is the recipient of the Society of Toxicology (SOT) Achievement Award (1992) and the Vos Award–Career Achievement in Immunotoxicology (2009). Dr. Holsapple served on Council for the SOT from 2005–2007, and was President of SOT in 2010–
2011. He has also served on Council for the American College of Toxicology (ACT; 2003–2006), and currently serves as a member of the Finance Committee for ACT. He was elected a Fellow of the Academy of Toxicological Sciences in 2006.

Thank You to Our 2013–2014 ATS Donors

In appreciation for the very generous support from the membership, please join us in thanking the members listed below who donated additional money to fund emerging initiatives:

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ATS Board of Directors—Terms

ATS 2013–2014 Board of Directors

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Leigh Ann Burns Naas (2013-2016)
George B. Corcoran (2012-2015)
Nancy A. Monteiro-Riviere (2012-2015)

A special thanks to our outgoing Directors James Lamb and MaryJane Selgrade for their service and commitment to ATS.

ATS New Fellow Designation and Recertification


During that same timeframe, ATS Fellows who have demonstrated their continued commitment to ATS by seeking and attaining recertification are Mohamed Abou-Donia, Daniel Acosta, Syed Ali, Matthew Bogdanffy, David Brusick, James Bus, Lucio Costa, Peter Di Marco, Paul Donald Forbes, Donald Gardner, Bernard Goldstein, Ramesh Gupta, Raymond Harbison, Robert Krieger, Lois Lehman-McKeeman, John Lipscomb, Marcello Lotti, Howard Maibach, Mark Robson, James Stevens, Peter Valberg, and Raymond York. Additionally, Byron Butterworth, Judith Graham, Myron Mehlman, and Hanspeter Witschi were granted Emeritus status.

Since 1981, the Academy of Toxicological Sciences (ATS) has certified toxicologists who are recognized by their peers for their expertise and sound scientific judgment; these toxicologists are awarded the title of Fellow. The purpose of this recognition and certification is to ensure the competence and experience of professionals whose work affects public welfare.
2014 ATS Annual Business Meeting and Reception Was Great Success!

Over 65 ATS Fellows gathered to renew long-standing friendships and to welcome the new ATS Fellows at the 2014 Annual Business Meeting and Reception held from 8:30 pm–10:00 pm at the Sheraton Phoenix Downtown, Phoenix Ballroom A, Phoenix, Arizona. The highlight of the evening was the presentation of the 2014 ATS Mildred Christian Achievement Award to Roger O. McClellan. ATS 2013-2014 President Peter L. Goering thanked the board for their active involvement and encouraged all ATS members to foster the interest of distinguished toxicologists to submit applications to become Fellows of the Academy of Toxicological Sciences. Special recognition was given to MaryJane K. Selgrade who is completing her term on the ATS Board of Directors as well as to incoming board members Samuel M. Cohen and Paul M.D. Foster. In appreciation for their support, ATS donors were acknowledged on signage prominently displayed at this event.
Recognizing New Fellows

Raising a toast to Roger McClellan