It has been my privilege and honor to serve as the President of ATS for the 2011-12 calendar year. ATS is certainly no exception to the rule that performance of professional institutions is largely reflected by the willingness and passion of its leadership and administration to support the mission of the organization. My deepest thanks go out to our Board Members for their outstanding efforts in offering their valued time and talent in working towards the success of ATS over the past year. I would be particularly remiss if special thanks were not offered to those Board members who are completing their terms of service on July 1: Bill Brock (our Past-President, who set a very high standard for me to follow!), Peter Goering (our Treasurer; great effort deserving of more - Peter is returning as President-Elect), and Councilors Dan Acosta, Meryl Karol, and José Manautou. Very special thanks are also due to our Executive Director, Marcia Lawson, for her tireless work in watching over the interests of the ATS and our Fellows, as well as for her much appreciated willingness to find creative ways to limit ATS operating expenses allowing the Board to focus on strategic emphases important to ATS.

This past year the ATS Board of Directors engaged in various core activities designed to promote the continuing success and growth of the organization. Many of those core activities such as certification and re-certification of Fellows, development and implementation of a budget that keeps ATS on sound financial grounds, and promoting the visibility of ATS within the larger community of toxicologists are all highlighted in various segments of this Newsletter. You, our ATS members, can have confidence that the ATS was in great hands this past year, and that our continuing and newly elected Board members will no doubt build on that success.

One particular initiative of this past year, however, is deserving of a special highlight - the revision of the Fellow applicant form (see accompanying article). ATS Fellows are recognized for their high level of career achievements and professional expertise, and thus, the pool of candidates for ATS Fellows is, by definition, limited in numbers. The Board fully appreciates that in order to assure sustainable growth of the ATS, the application form must transparently demonstrate that toxicology
practitioners from all sectors of toxicology, whether from academia, industry, government, consultants, etc., qualify as ATS Fellows. The revised ATS application form is specifically designed to extract the differential experiences and expertise associated with those employment sectors, and to assure that differing job responsibilities and activities across that spectrum of employment are equitably and appropriately valued. I encourage all Fellows to visit the ATS website and review the revised Fellow applicant form, but even more importantly, to use the form to identify colleagues worthy of ATS Fellowship and encourage them to submit an application. Alternatively, just notify Marcia Lawson of potential candidates fitting the requirements outlined on the new form and the Board will invite those individuals to submit an application. Many of you have already taken these actions after reviewing the new form; many thanks from the Board for your efforts!

This has been a year of important and significant change for the ATS, but your Board is confident that the change is necessary to protect the high reputation of ATS Fellowship while at the same time assuring sustainable growth and diversity of ATS Fellows.

Again, my deepest thanks to the Board members and our administrative team for their efforts, passion, and leadership in working for the continuing success of ATS.

Newsletter HIGHLIGHTS

- President’s Message
- ATS Revised Application Form
- 2012 ATS Mildred Christian Career Achievement Award to Curtis D. Klaassen & Fellow News Updates
- ATS New Board Members
- ATS President-Elect and Secretary/Treasurer
- Donor Recognition
- SOT Informational Session: “Getting Certified As a Toxicologist: Why, When, Where, and How”
- Annual Business Meeting and Reception
- New ATS Fellows and Recertification

New ATS Fellow Application Form
Submitted by Jim Lamb

The ATS Board is always working to improve the application process so that we grow with appropriately qualified toxicologists. Several years back the Board made significant improvements to the ATS application form. We stepped in recently to further advance the process. As a result, in August 2011 we released the new ATS application form and retired the previous form.

We encourage current members to take a look at the new form. If you compare it to the old form, you will like what you see. We are asking you to encourage your colleagues to look at it as well. The new form makes the process more transparent and easier, without compromising the standards of the organization. Some of the changes are simply clarifications of what we are requesting and how to comply.

The Board also dealt with ambiguities in the form. It is now easier for the applicant and the Board to understand exactly what counts towards certification. It also is clearer how the applicant can satisfy the documentation requirements. It should take less time to apply then in the past because of these changes.

Finally, we also reorganized the sections to make the value of the points awarded clear. Everyone should find the process easier, clearer, and fairer. ATS is an elite organization and we will maintain our high standards, but we want to encourage qualified applicants to join. We hope you agree that we have made an important step towards that goal with the refined Application Form.
Klaassen Receives 2012 ATS Mildred Christian Career Achievement Award

ATS President James S. Bus presented Curtis D. Klaassen with the 2012 ATS Mildred Christian Award

The Academy of Toxicological Sciences presented the second annual Mildred S. Christian Career Achievement Award to Curtis D. Klaassen at the ATS Annual Business Meeting and Reception on Wednesday, March 14. ATS President James S. Bus presented this award to Dr. Klaassen noting that this award is conferred to an individual who “has 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.” On the previous Sunday, Dr. Klaassen received the SOT Merit Award during the Society of Toxicology Award Ceremony. The SOT Merit Award is presented in recognition of distinguished contributions to toxicology throughout an entire career in areas of research, teaching, consulting, and service to the Society. The inaugural Mildred S. Christian Career Achievement Award was presented in March 2011 to Dr. Bruce Ames.

Dr. Klaassen is presently University Distinguished Professor at the University of Kansas Medical Center, where he has worked for the past 44 years. During this time he has been instrumental in establishing his department as one of the top departments for research and training in toxicology in the world. In addition to departmental leadership, he has directly trained over 100 PhD students and postdoctoral fellows.

From his incredibly productive research efforts, he has published more than 500 original research manuscripts and over 125 book chapters or review articles. He has been recognized internationally as a “highly cited researcher,” and in 2007, ranked as the 7th most-cited researcher in Pharmacology and Toxicology in the world. In addition to those formally trained with him, Dr. Klaassen developed the Mid-America Toxicology Course that is frequently used by those seeking certification as toxicologists, and he has been Co-editor or Editor of the major textbook in toxicology since the 2nd edition of Casarett and Doull’s Toxicology was published. He also served as the President of IUTOX, providing international leadership to toxicology. Moreover, he has won numerous awards for his leadership and service as an educator and scientist.

Pictured left to right, Peter L. Goering, John Doull, Curtis D. Klaassen, David Eaton, and Lois D. Lehman-McKeeman. Drs. Goering, Eaton and Lehman-McKeeman are former graduate students of Dr. Klaassen.

From SOT, he has been recognized with the Achievement Award, Education Award, and from the Women in Toxicology Special Interest Group with their Mentoring Award. He has also been recognized at the University of Kansas with numerous awards for research, mentoring and teaching, and he has been recognized internationally with countless honors of achievement and service to toxicology. Again, hearty congratulations to Dr. Klaassen.
Call for Nominations for the Mildred S. Christian Career Achievement Award – December 2 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 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 2013 Mildred S. Christian Award. 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 Marcia Lawson for the Board’s consideration. The deadline for receipt of nominations for the 2013 award is December 2, 2012. Nominations submitted for the 2012 award will remain in active consideration for the 2013 award.

ATS Fellows News Updates

Nancy Monteiro-Riviere is the Regents Distinguished Scholar, University Distinguished Professor, and Director of the new Nanotechnology Innovation Center of Kansas State University (KSU), as of August 1, 2012.

Jim Riviere recently served as the Chair of the National Academies Institute of Medicine study on "Ensuring Safe Foods and Medical Products through Stronger Regulatory Systems Abroad," which released its findings at a press conference at the National Press Club on April 4, 2012. (See live CSPAN video at the IOM's website: IOM website) Dr. Riviere will be joining KSU as the McDonald Chair of Veterinary Medicine University Distinguished Professor of Anatomy and Physiology, as of August 1, 2012.

IUTOX President Daniel Acosta Jr. has been appointed to the US Food and Drug Administration’s Science Board, the principal committee that advises the FDA Commissioner. He also was elected President, Board of Directors, TERA (Toxicology Excellence for Risk Assessment).

José E. Manautou has been nominated to be a member of the HESI Emerging Issues Committee and is the Elected Chair, 2013 Gordon Research Conference on Cellular & Molecular Mechanisms of Toxicity, August 11-16, 2013, Proctor Academy, Andover, New Hampshire.
Election Highlights – Incoming ATS Board of Directors

In February, 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 Laura Andrews, Genzyme; George B. Corcoran, Wayne State University; Nancy A. Monteiro-Riviere, Kansas State University; and Kendall B. Wallace, University of Minnesota Chemical Toxicology Research Center. In addition, we express our gratitude to Saber Hussain, Wright-Patterson Air Force Base; Jane Ellen Simmons, US Environmental Protection Agency; Ladd W. Smith, Mista Group LLC; and Christopher M. Teaf, Florida State University, for participating as candidates in this election process.

Laura Andrews

Laura Andrews is Vice President of Pharmacology and Toxicology at Genzyme where she directs the nonclinical development programs for biotherapeutics. She is responsible for the nonclinical development programs for therapeutic biologics, gene therapy products, and cell-based therapies. Dr. Andrews oversees the design, implementation, and interpretation of the in vivo GLP studies and the in vitro assays to support product development. She has authored the pharmacology and toxicology section for several Genzyme INDS and marketing applications in several different territories.

George B. Corcoran

George B. Corcoran is Professor and Chairman, Department of Pharmaceutical Sciences, College of Pharmacy & Health Sciences, Wayne State University and Adjunct Professor, Pediatrics, Wayne State University School of Medicine. His research interests are multidisciplinary and translational, focusing on cellular injury and cell death, and factors governing drug and chemical induced injuries, including drug metabolism and nutrition. Dr. Corcoran serves as Associate Editor of Toxicology and Applied Pharmacology (2002-present) and Editorial Board Member of the international journals Pharmacology and Toxicology (1992-2002) and Basic and Clinical Pharmacology and Toxicology (2002-present).
Nancy A. Monteiro-Riviere is the Regents Distinguished Scholar and University Distinguished Professor and Director of the new Nanotechnology Innovation Center of Kansas State University. She serves on several national panels, including many in nanotoxicology, such as the National Research Council of the National Academies Committee to Review the Federal Strategy to Address Environmental, Health, and Safety Research Needs for Engineered Nanoscale Materials and the International Council on Nanotechnology. She has published over 255 manuscripts in the field of skin toxicology and is Editor of the books, *Nanotoxicology: Characterization, Dosing and Health Effects* and *Toxicology of the Skin Target Organs Series*.

Kendall B. Wallace is the founding Director of both the University of Minnesota Chemical Toxicology Research Center and the all-University Toxicology Graduate Program. His teaching responsibilities include cardiovascular pharmacology and clinical toxicology, for which he has been recognized by the University of Minnesota-Duluth medical students on four occasions as “Basic Science Teacher of the Year.” Dr. Wallace has published over 300 manuscripts, book chapters, technical reports, and research abstracts, almost all of which are in primary toxicology journals. He also has edited scientific reference books on the topics of Free Radical Toxicology and the Molecular Biology of the Toxic Response. He has served on the editorial boards for a number of leading journals in toxicology and since 2011 has held the position of co-Editor in Chief for *Toxicology*, which is an international journal that ranks among the top tier of most highly cited primary journals in the discipline.
Peter Goering Elected ATS Vice-President

Dr. Goering will serve as the ATS Vice-President for 2012-2013 and will become the ATS 2013-2014 President. He has served on the ATS Board of Directors since 2008, including as the Secretary/Treasurer from 2009-2012. Dr. Goering began his professional career with a postdoctoral fellowship at the NIEHS (1984–1986) specializing in the toxicology of metals and metal defense mechanisms. He later joined the US Food and Drug Administration in 1986 where his research interest involved studying liver and kidney toxic injury, new biomarkers of organ toxicity, and nanotoxicology.

Dr. Goering has co-authored over 80 peer-reviewed publications and book chapters, is a Diplomate of the American Board of Toxicology (in 1994), and was named a Fellow of the Academy of Toxicological Sciences in 2006. Moreover, he serves as an adjunct professor in the Toxicology Program at the University of Maryland and The George Washington University’s Department of Biological Sciences. Dr. Goering also serves on the editorial board for Toxicological Sciences.

Lois Lehman McKeeman Elected ATS Secretary/Treasurer

Lois Lehman-McKeeman is currently a Distinguished Research Fellow in Discovery Toxicology at the Bristol-Myers Squibb Company in Princeton, New Jersey. She was employed in the Human and Environmental Safety Division of the Procter and Gamble Company for 15 years prior to joining Bristol-Myers Squibb in 2001. Dr. Lehman-McKeeman has active research interests and programs broadly in biochemical mechanisms of toxicity, with emphasis on secondary mechanisms of carcinogenesis. She also is working to develop and apply metabonomic and transcriptomic technologies to mechanistic toxicology. She has published extensively in these fields.

She has been active professionally in the Society of Toxicology (SOT) serving on numerous SOT committees, and she held elective office in the SOT as Councilor from 2000–2002 and the SOT Awards Committee (2008–2010). She now is the 2012-2013 SOT Vice President. In 2003 she was appointed Editor of Toxicological Sciences and served in this capacity until September 2011, and she serves on a number of other editorial boards.

Thanks to Lucio G. Costa, University of Washington, and MaryJane Selgrade, ICF International, for participating as candidates in this election process.
ATS organized an Informational Session entitled Getting Certified as a Toxicologist: Why When, Where, and How? This session, which was sponsored by the SOT Career Resource and Development Committee, was presented at the 51st Annual Meeting of the Society of Toxicology in San Francisco, March 14, 2012. The purpose of the session was to provide information on the different certification options available to toxicologists and to highlight the benefits of certification. Representatives for ATS, American Board of Toxicologists (ABT), European Registered Toxicologists (ERT), and the Japanese Society of Toxicology (JSOT) spoke about the various processes used by their organizations to certify toxicologists. Lewis Smith, representing IUTOX, concluded the workshop with a discussion of opportunities for harmonization.

Bill Brock represented ATS and co-chaired the session. After the formal presentations there was time for both formal and informal discussion, when attendees could ask questions about the various organizations and get more detailed information on certification. Although it was an early morning session on a very dark and rainy day, the workshop was attended by more than 100 people.

Dues Payments and Identifying ATS Fellow Candidates: Helping the Profession Moving Forward
Submitted by ATS Past President Bill Brock

As I reflect on my 6+-year term on the ATS Board, there was considerable attention focused to the financial status of ATS. Because of that focus and the dedication of many current and past Board members, the financial status of ATS has significantly improved. However, there remains more work to be done, and this is where ALL Fellows of ATS are asked to participate. Over the last several years, we have asked Fellows to make an additional contribution with their dues payment as well as contributions to the Annual Reception and Business meeting. The Board has never considered this to be sustainable. Therefore, all Fellows should reflect on how they can help ensure the future financial growth and impact of ATS.

Dues Payment: Payment of our annual dues is to be completed by September each year and Fellow dues have always represented the primary revenue stream for ATS. A notice of payment is always sent out to members in July. As we all have busy professional and personal lives, the dues notice may get put aside and forgotten. However, even with multiple notices, dues payments are often late, and some remain unpaid for more than one year. According to an ATS Policy, failure to pay dues for greater than one year can lead to having a Fellow removed from the roles of ATS. Each Fellow puts in a considerable amount of time to become certified and
maintain that certification and recognition as this represents a milestone in our career. Timely payment of dues is a simple responsibility. (Continued on page 9)

Nominate your Colleagues: All Fellows are routinely encouraged to nominate colleagues for induction into ATS. A greater number of Fellows obviously leads to greater financial stability and permits the organization to undertake initiatives that assist the growth of toxicology particularly in less developed regions.

Simple reminders…all ATS Fellows can ensure the continued growth by paying dues on time and encouraging our colleagues to become certified by ATS. The outcome of these simple responsibilities is continued financial stability of ATS and an increase in the number of professional initiatives. Simple responsibilities and action will lead to the national and international recognition of ATS and toxicology.

Thank You to Our 2011-2012 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:

William T. Allaben
Elizabeth L. Anderson
Barbara D. Beck
Matthew S. Bogdanffy
Brad Bolon
Joseph F. Borzelleca
William J. Brock
James S. Bus
Joy Cavagnaro
George B. Corcoran
Jack H. Dean
Michael J. Derelanko
Peter N. Di Marco
David C Dorman
Marion F. Ehrich
Bruce A. Fowler

Li Jie Fu
Peter L. Goering
Gio Batta Gori
Sidney Green
Bryan D. Hardin
Stephen B. Harris
Kenneth Hastings
Ronald N. Hines
Ronald D. Hood
Saber M. Hussain
Bruce Kelman
Lois D. Lehman-McKeeman
Bernadene A.
Magnuson
José E Manautou

Donald R. Mattison
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Angelo Moretto
Gerhard Nohynek
Robert E. Osterberg
Stephen B. Pruett
Timothy Raczniak
Leonard Ritter
Ceinwen A. Schreiner
Mary Jane Selgrade
Jane Simmons
Robert G. Tardiff
Christopher M. Teaf
Jeffrey C. Theiss
John A. Thomas
THANKS TO OUTGOING BOARD OF DIRECTORS FOR THEIR SERVICE AND COMMITMENT TO ATS

2011-2012 Board of Directors*
James S. Bus, President (2008-2013)  
James C. Lamb, IV, Vice President (2008-2014)  
Peter Goering, Secretary/Treasurer (2008-2012)  
William J. Brock, Past President (2007-2012)  
Daniel Acosta, Jr. (2010-2013)  

Lucio Costa (2010 -2013)  
Meryl Karol (2010-2012)  
Lois Lehman-McKeeman (2010-2013)  
José Manautou (2010-2012)  
MaryJane Selgrade (2010-2013)  
Garold S. Yost (2010-2014)  

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James S. Bus, Past President (2008-2013)  
Laura Andrews (2012-2015)  
George B. Corcoran (2012-2015)  
Lucio Costa (2010 -2013)  
Nancy A. Monteiro-Riviere (2012-2015)  
MaryJane Selgrade (2010-2013)  
Kendall B. Wallace (2012-2015)  
Garold S. Yost (2011-2014)  

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 David C. Dorman, Peter L. Goering, Michael P. Holsapple, Alan Hoberman, Bruce J. Kelman, James C. Lamb IV, Charlene A. McQueen, Richard Miller, Michael J. Olson, Merle G. Paule, MaryJane Selgrade, Ladd Smith, and Robert G. Ulrich. Emeritus status was conferred to James Gibson and John Doull.

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.

**2012 ATS Annual Business Meeting and Reception Was Great Success!**

Over 70 ATS Fellows gathered to renew long-standing friendships and to welcome the new ATS Fellows at the 2012 Annual Business Meeting and Reception held from 8:00 pm–10:00 pm at the San Francisco Marriott Hotel. Incoming ATS President James C. Lamb presented 2011-2012 ATS President James S. Bus with a plaque in commemoration of his outstanding leadership of ATS. A highlight of the evening was the presentation of the 2012 ATS Mildred Christian Achievement Award to Curtis D. Klaassen. Dr. Bus thanked the board for their active involvement and encouraged all ATS members to inspire distinguished toxicologists to submit applications to become Fellows of the Academy of Toxicological Sciences. Special recognition was given to Bill Brock, Daniel Acosta Jr., Meryl Karol, and José Manautou who are completing their terms on the ATS Board of Directors. ATS donors were acknowledged on signage prominently displayed at this event.
Jim and Shawn Lamb

Richard Parent and William Slikker Jr.

Curtis Klaassen

Standing Ovation to Curtis Klaassen
Toast to New ATS Fellows and Continuing Fellows

Roger and Marion Ehrich

Kendall Wallace and Bruce Fowler