



# Communiqué

Summer/Fall Issue 2012

## SOT News

### President's Message



*President  
William Slikker Jr.*

Three things are simmering in the hot summer sun: funding for toxicologists, rolling out the strategic plan, and anticipating science in San Antonio.

We are all aware that sufficient funding to support research and student training for toxicologists may be challenging to secure in the next few years. SOT's Research Funding Committee chaired by David Dorman, as well as Council members, recognize the issues and have developed a [new blog site](#) to let our members know of both traditional and nontraditional sources of funding.

From the traditional perspective, there is the call from the new NIH Study Section, Special Emphasis Panel (SEP) Systemic Injury by Environmental Exposure (SIEE), reinstated to review grant applications "in the fields of Environmental Health and Toxicology." SOT leadership worked with the CSR for a number of years regarding the need for a Study Section focused on toxicology.

We encourage potential applicants in the field of toxicology and environmental health sciences to consider submitting applications directed to this study section. [View the new guidelines for SIEE.](#)

Applicants are strongly advised to include a cover letter asking for their applications to be reviewed in the SIEE SEP. The future success of this study section will largely depend on the response from the research community in this vital discipline.

From the nontraditional perspective, we provide the following sources for you to consider. As just a first offering:

Department of Defense (Autism Concept Award)

Bureau of Land Management

The Gulf Research Initiative (British Petroleum)

DOD (Office of Naval Research)

**Contracts—BARDA**

**Broad Agency Announcements (BAAs)**

- [BARDA-CBRN-BAA-12-100-SOL-00011: Advanced Research and Development of Chemical, Biological, Radiological, and Nuclear Medicine Countermeasures](#)

**Requests for Proposals (RFPs)**

- [RFP-BARDA-10-100-SOL-00025: BARDA Animal Model Development of Chemical, Biological, Radiological, and Nuclear; Influenza; and Emerging Infectious Disease Medical Countermeasures](#)

## **NINDS/CounterACT—Chemical Countermeasure Program—OB—Pediatric Medical Countermeasure Development**

The below three mechanisms provide funding for research and development of medical countermeasures for chemical WMD agents including children. They are expected to be renewed.

- **Countermeasures Against Chemical Threats (CounterACT) Cooperative Research Projects (U01)**  
[[Summary](#)]  
Application Due Date(s): September 14, 2011, 2012  
Announcement Number: **PAR-11-155**  
Funding Contact: [David A. Jett, PhD](#)  
Program Area: **Office of Translational Research**
- **Countermeasures Against Chemical Threats (CounterACT) Research Centers of Excellence (U54)**  
[[Summary](#)]  
Application Due Date(s): September 14, 2010, 2011, 2012  
Announcement Number: **PAR-10-181**
- **Countermeasures Against Chemical Threats (CounterACT) Exploratory/Developmental Projects in Translational Research (R21)** [[Summary](#)]  
Application Due Date(s): February 1, 2010, 2011, 2012  
Announcement Number: **PAR-10-019**  
Funding Contact: [David Yeung, PhD](#)  
Program Area: **Office of Translational Research**  
Funding Contact: [David A. Jett, PhD](#)

## **NIAID-Nuclear/Radiation Countermeasure Program**

### **Requests for Applications (RFAs)**

- [RFA-AI-12-023: Development of Medical Countermeasures for Post-Exposure Mitigation/Treatment of Injuries Resulting from a Radiation/Nuclear Incident \(U01\)](#)

[The NIH-FDA, Tobacco Centers of Regulatory Science for Research Relevant to the Family Smoking Prevention and Tobacco Control Act \(P50\) was published in the NIH Guide, July 10, 2012](#)—These grants will include a minimum of three research projects, a developmental/pilot research component, and research training and education. Research grant applications are due November 14, 2012, with funding in fiscal year 2013.

Of equal importance, through a NEW blog mechanism and an open [Research Funding Community](#) on ToXchange, we provide the opportunity for you to suggest additional sites that provide links to possible funding. Let's help each other meet the challenge of adequate support of toxicology research

In collaboration with Graduate Student Leadership Committee (GSLC; Tammy Lynn Palenski, Chair) and the Postdoctoral Assembly Executive Board (PDA; Enrique Fuentes-Mattei, Chair), Council also will use the same blog approach to provide links to student training opportunities at the predoctoral and postdoctoral levels. For example: The US FDA website on the US FDA Commissioner's Fellowship Program, a two year structured training program focused on Regulatory Science. Other examples are listed below:

At present, we are seeking postdoctoral candidates with expertise in the areas of: [Ecology—Biostatistics—Biology/Toxicology/Health Sciences Announcement](#).

[Career Awards for Medical Scientists](#) 

With Council's allocation of resources to [aspirational goals, the Society's strategic plan](#) is rising in the summer sun. In

addition to listing the many budgeted activities proposed by SOT's active committees, task forces, and other component groups, progress has been made in the following areas: The data for the SOT Job Outlook Survey has been collected, primarily from industry and academia, and analysis is underway, with the results to be reported to the full SOT membership this Fall; the Board of Publications is holding a Strategic Review of *Toxicological Sciences* in September 2012 to evaluate enhancing its scientific impact, and an increased emphasis on strengthening SOT's mentoring initiatives is underway. In addition, groups such as the Scientific Liaison Coalition and the Disease Prevention Task Force are engaged in activities to increase the awareness and appreciation of toxicology by human health practitioners and to encourage these individuals to participate in collaborative endeavors focused on human health and disease prevention with the Society.

Thanks to the good work of the Scientific Program Committee and the many Regional Chapters, Special Interests Groups, Specialty Sections, and Committees that contributed proposals, the March 2013 Annual Meeting is becoming a treasure chest of research and education. New this year will be a session called Frontiers for Toxicology, designed by our Vice President and Scientific Program Committee Chair, Lois D. Lehman-McKeeman, that will focus on cutting-edge research presented by preeminent scientists with the goal of bringing important, new information to our membership on a subject that will impact basic and applied toxicology research. The session is going to feature scientific leaders in the broad field of systems biology. Soon our preliminary program will highlight all the exciting symposia, workshops, and other sessions that promise to provide the very best in research and education.

So as we try to stay cool in the summer sun, keep in mind the beautiful sunny skies and moderate temperatures that will greet you in the festive city of San Antonio, our 2013 SOT Annual Meeting location. The abstract deadline of October 3, 2012, is not far off so act now to secure your spot to deliver your very best research.

Sincerely,

William Slikker Jr., 2012–2013 SOT President

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## Who's the Boss?

Looking for some information on the Society's leaders? SOT's leaders work in government, in the private sector, and in our universities and institutions of higher learning. These officers, called Councilors, begin their term on May 1 following the March SOT Annual Meeting. Ballots for the Councilors to be elected in any year must be sent by the Secretary to the membership by January 1. Two members are elected for a term of three years. The rest of Council consists of the President, the immediate Past President, the Vice President, the Vice President-Elect, the Secretary, and the Treasurer and either the Secretary-Elect or the Treasurer-Elect. To learn more about each Councilor, visit the [Meet the Leaders](#) section of the website.

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## SOT Endowment Fund Helps Build for the Future and Global Impact of Toxicology

Contributors to the SOT Endowment Fund are instrumental in building for the future of toxicology by providing long-term financial support to enable the Society to fulfill its mission, now and in the years to come. In the SOT 2012–2013 fiscal year, the [Education](#), [Global Activities](#), and [SOT Strategic Priorities](#) Funds, as well as both the [Harry W. Hays](#) and [Sheldon D. Murphy](#) Memorial Funds, are financially contributing to SOT initiatives that address one or more of the [Society's Strategic Priorities](#). Significant attributes of the Endowment Funds include the following:

- One hundred percent of each contribution goes toward supporting endowment activities. All of the Endowment administrative costs are defrayed by the SOT operating budget.
- Donations to each named fund are accounted separately.
- The goal of the Endowment is to support long-range activities, many of which are in perpetuity.

Typically SOT operating funds are used to support activities for the entire membership; whereas, the Endowment Funds often are targeted toward specific subgroups within SOT.

## Undergraduate Educator Award

During the SOT 2012 Annual Meeting, the second Undergraduate Educator Award was conferred to [Susan M. Ford](#). This award was established to recognize the efforts to increase the pipeline of future toxicologist and is funded via the [Endowment Education Fund](#).

## SOT/Endowment Fund/IUTOX Travel Fellowships



*Left to right: Jon C. Cook, Sunisa Chaiklieng, Jianlin Lou, and Norbert E. Kaminski*

Environmental Health Science, Muang Khon Kaen, Thailand, and Jianlin Lou, Zhejiang Academy of Medical Sciences, Hangzhou, P.R. China.

The principal goal is to increase capacity in the developing country through strengthening toxicology within the university and the country. The [International Union of Toxicology \(IUTOX\)](#) administers the award review process.

## Student Travel to SOT Annual Meeting

Hundreds of students, many of them now leaders in SOT, attended their first SOT Annual Meeting by winning a student travel award funded by the Society. From the early days of SOT to the present, it has been recognized that such participation is essential to “building for the future of toxicology.” There is no substitute for the excitement of being among the first to hear presentations of cutting-edge science delivered to a gathering of the best in the field. Likewise, the importance of engaging in face-to-face discussions with experts and peers in one’s area of interest cannot be underestimated. As it did in 2012, the [Education Fund](#) will provide funding for an additional 10 students, who might not otherwise have found funding, to participate in the San Antonio 2013 Annual Meeting.

## PPTOX II Student Travel Awards

The Endowment Global Fund provided support for two student travel awards for the [PPTOX III: Environmental Stressors in the Developmental Origins of Disease: Evidence and Mechanisms](#) meeting held in Paris in May 2012.

## Founders Award

[John A. Moore](#) received the 2012 SOT Founders Award in recognition of his outstanding leadership in fostering the role of toxicological sciences in safety decision making through the development and application of state-of-the-art approaches that elucidate, with a high degree of confidence, the distinctions between safe and unsafe exposures to chemical and physical agents. For his contributions to toxicology and to the safety assessment and regulation of chemicals, the Society recognized Dr. Moore by conferring this award.

To become an Endowment Fund contributor and enjoy the fulfillment of knowing that you are helping to build for the future of toxicology, please visit the [Endowment Fund Section](#) of the SOT website. You can make a difference in the lives of toxicologists by your generous support. Add your name to the [Honor Roll of Contributors](#).

As part of strengthening our global participation, the [Global Activities](#) and the [SOT Strategic Priorities Fund](#) provide financial assistance for two scientists from a country where toxicology is underrepresented to travel to the SOT Annual Meeting.

The recipients of the 2012 IUTOX Travel Fellowships were Sunisa Chaiklieng, Department of

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## Rep. Holt Receives SOT Congressional Science Leadership Award



*Right to Left: Shawn Douglas Lamb, Rep. Rush Holt, William Slikker Jr., and Jon C. Cook*

Society leaders including (from left) SOT Executive Director Shawn Douglas Lamb, SOT 2012–2013 President William Slikker Jr., and SOT 2012–2013 Past President Jon C. Cook, traveled to Capitol Hill to present (center) Rep. Rush Holt (D-NJ) with the SOT 2012 Congressional Science Leadership Award for his enduring vision and preeminent leadership in fostering recognition throughout the legislative community of the importance of supporting sound science as a basis for making effective policy

decisions.

An active Member of Congress and a strong voice for his constituents, Rep. Holt serves on the Committee on Education and the Workforce and the Committee on Natural Resources, where he is the Ranking Member on the Subcommittee on Energy and Mineral Resources, helping to develop a long-term strategy to decrease our nation's dependence on fossil fuels and protect our environment for future generations.

Moreover, he has won several significant victories on Capitol Hill, including helping to secure more than \$700 million in new federal funding for science and technology research. Rep. Holt also is co-chair of the Research and Development Caucus, the Children's Environmental Health Caucus as well as the Alzheimer's, Diabetes, and the Biomedical Research Caucuses. He also served on the National Commission on Mathematics and Science Teaching for the 21st Century.

Rep. Holt earned his BA in Physics from Carleton College in Minnesota, and completed his Master's and PhD in Physics at New York University. He has held positions as a teacher, Congressional Science Fellow, and arms control expert at the US State Department, where he monitored the nuclear programs of such countries as Iraq, Iran, North Korea, and the former Soviet Union. He was assistant director of the Princeton Plasma Physics Laboratory, which is the largest research center for research in alternative energy in New Jersey.

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## SOT Seeks Congressional Science Leadership Nominations

SOT holds that the support and use of sound science by Congress is vital to the safety and health of all Americans. SOT has presented five separate awards for the past few years and plans to confer this honor each year to a deserving Member of Congress. Information about this award is provided below.

Assist us by submitting your nomination of one or more Members of the Congress to receive the 2013 Congressional Science Leadership Award. Please send your nomination(s) to [Martha Lindauer](#) by the close of business on October 9, 2012. Your nomination needs to include:





































*Captain Tox, Tony Schatz, in front of the informational posters and Toxic Island game board*



*Committee member Lisa Hoffman, and undergraduate Lauren Dire assist Captain Tox during game play*



*Captain Tox oversees Toxic Island game while undergraduate tox student Daniel Incalcaterra and All Stars staff member look on*



*Most of the Toxic Island cast and crew as they stop for lunch and a group photo*



*Diane Hardej at the entrance to Toxic Island*

**Endowment Awards Conferred by Regional Chapters, Special Interest Groups, and Specialty Sections**

The SOT Regional Chapters, Specialty Sections, and Special Interest Groups confer a number of awards, principally to graduate students and postdoctoral fellows. Some of these awards are supported through Named Endowment Funds. Deadlines and criteria for these awards vary and are listed on the [Awards and Fellowships](#) section of the SOT website. The [2012 recipients](#) of these awards are listed on the SOT website.

## **SOT Continuing Education Speaker Bureau—An Excellent Resource for Regional Chapters**

The Continuing Education (CE) courses provide excellent lectures to participants at Annual Meetings and SOT makes some of the course presentations available to a wider audience. Outstanding speakers have been identified based upon course evaluations, and these selected speakers have agreed to participate in the [SOT CE Speaker Bureau](#). Any Regional Chapter may request a presenter for chapter meetings, and SOT will provide funding to cover the speaker's travel costs through the [Funding for Regional Chapter Speakers](#) program. These funds are limited and evaluated on a quarterly basis, so it is important to put your request in early. Please contact [Marcia Lawson](#) for more information and to submit your request. For further information about these speakers, please visit the [SOT CE Speaker Bureau](#).

## **Postdoctoral Representative Positions Open in Several Component Groups**

Postdoctoral Representatives serve as the backbone of leadership in the SOT Postdoctoral Assembly (PDA). They provide leadership within their group, and they serve as the liaison between their group and the Postdoctoral Assembly. These representatives are the group the PDA goes to when making recommendations for PDA reps to the standing committees. Serving as a Postdoctoral Representative is a great way for trainees to gain leadership experience and become involved in the workings of SOT and the PDA.

Below is the list of Regional Chapters, Special Interest Groups, and Specialty Sections with “**Open**” positions for PDA Reps:

### **Regional Chapters with open positions for PDA reps:**

- Lake Ontario
- Michigan
- South Central

### **Special Interest Groups with open positions for PDA reps:**

- Korean Toxicologists Association in America

### **Specialty Sections with open positions for PDA reps:**

- Dermal Toxicology
- Drug Discovery Toxicology
- Ethical, Legal, and Social Issues
- Medical Device
- Occupational and Public Health
- Ocular Toxicology
- Risk Assessment

If you are interested in serving as a representative for one of these groups, please contact the leadership of the component to pursue this opportunity.



# Something Big for Everyone in San Antonio

We're Big on Science and Big Savings are Available on Hotels and Airfare.

Join us next March for the SOT 52nd Annual Meeting and ToxExpo in San Antonio, Texas.

It's a growing city with a river that winds through years of history, culture, and adventure. Some of the sites you can enjoy while attending the largest scientific meeting of its kind in the world include:

River Walk, the Alamo, the Spanish Governor's Palace, La Villita Historica Arts Village, Instittue of Texan Cultures, Spanish Missions King William Historic District, Texas Star Trail, Casa Navarro State Historic site, HemisFair Park and Majestic Theatre.

Discover San Antonio

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# Invitation to Submit an SOT 2013 Annual Meeting Abstract—Deadline October 3

Dear Colleague:

The Scientific Program Committee (SPC) is planning yet another dynamic slate of sessions for the 2013 Annual Meeting in San Antonio, Texas. We are happy to announce that the [abstract submission site](#) is now open to accept abstracts for poster and platform presentations. The deadline to submit an abstract is October 3, 2012, at 11:59 pm (Eastern Daylight Time), and the cost is \$50.

As always, it is our goal to construct a program that reflects both the best science, as well as the breadth of interests across the SOT membership. We believe that the 2013 symposia, roundtables, workshops, and other special sessions are timely, highly informative, and span a full spectrum of topics to meet the diversity of our membership. An [overview](#) of these sessions can be found on the SOT website. We hope that you have started thinking about your contributions to the meeting, and that you are planning to present your most recent research results.

We are pleased to confirm the participation of Dr. Bruce Beutler as the Opening Plenary Lecturer for the 52nd Annual Meeting. Dr. Beutler is currently the Director of the Center for the Genetics of Host Defense at the University of Texas Southwestern Medical Center in Dallas. Most notably, he received the 2011 Nobel Prize in Physiology or Medicine, along with Jules A. Hoffman, for pioneering work in the molecular regulation of inflammation and innate immunity.

For questions related to the submission of abstract(s), please be sure to visit the Annual Meeting section of the SOT website to access the [Frequently Asked Questions—Submitting an Abstract](#) and [Abstract Submission Guidelines and Instructions](#) developed for your use. If you have additional questions, please feel free to contact the SOT Headquarters office at 703.438.3115.

We are very excited about our first meeting held in San Antonio, a city filled with culturally-significant art, history, museums, and food. The convention center is conveniently located near the River Walk, and of course, we all “remember the Alamo,” the most frequently visited attraction in Texas. On behalf of the SOT Council and Scientific Program Committee, we look forward to welcoming you to San Antonio, Texas for the Annual Meeting that will take place from March 10–14, 2013.

Best regards,

Lois D. Lehman-McKeeman, PhD  
SOT Vice President and SPC Chairperson, 2012–2013

Norbert E. Kaminski, PhD  
SOT Vice President-elect and SPC Co-chairperson, 2012–2013

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## Abstract Submissions Encouraged in Education, Ethics, Legal, and Social Issues Category

The Education Committee, Undergraduate Education Subcommittee, and K–12 Subcommittee are encouraging toxicologists to contribute 2013 SOT Annual Meeting abstracts for the topic “Education, Ethics, Legal, and Social Issues.” The goal is to have as robust a poster session at the 2013 Annual Meeting as we have had at the previous two meetings. Toxicology serves a pivotal role in society. We would like to acknowledge the impact of toxicology relative to scientific, ethical, legal, and social issues and the importance of education related to toxicology at the Annual Meeting.

Toxicologists can provide insight and scholarly information that may not be a result of hypothesis-driven experimentation. For example, you might use innovative teaching methods with demonstrated successful outcomes, or

perhaps you have a model outreach program to share. Lessons learned in developing model outreach programs with accompanying theoretical and applied techniques for success would enrich the educational experience at the upcoming meeting. Community and campus partnerships that contribute to learning about and application of toxicology in the context of social and public health are other examples of appropriate submissions.

For this type of abstract, the impact on the practice of toxicology, risk assessment, education at all levels, or public health shall be described. Subject matter that fosters discourse relevant to the evolution and improvement of the field of toxicology and toxicological education is encouraged. In the abstract, implications for stakeholders should be articulated. The purpose, research methods, and assessment approach should be described; and the abstract should also include an explicit summary of either qualitative or quantitative findings along with conclusions. Care should be taken to distinguish between statements that are based on documented facts rather than opinions. A literature review or descriptive background materials are not sufficient content for a poster. Remember that the [abstract submission](#) deadline is October 3, 2012.

For further information or to discuss your potential abstract, contact [Teresa Dodd-Butera](#) of the Undergraduate Education Subcommittee or [Dan E. Arrieta](#) of the K–12 Subcommittee.

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## Share Your Expertise: Volunteer to Chair an Annual Meeting SOT Platform or Poster Session

Each year, with assistance from several SOT groups including the Specialty Sections and Special Interest Groups that share in the responsibility for review of the Annual Meeting proposals, an impressive program is developed that provides attendees with an opportunity to learn about emerging fields and gain access to cutting-edge research in the field of toxicology.

We hope that you will [submit an abstract](#) of your most recent research results for the upcoming [SOT Annual Meeting in San Antonio, Texas, March 10–14, 2013](#). In addition to submitting an abstract, we'd like to invite you to consider volunteering to serve as chairperson for the poster and platform sessions that will be programmed.

Listed below are the categories in which authors can submit their abstracts. During the Scientific Program Committee's review, these broad session topics are broken down into sub-topics related to these categories. There will be two chairpersons for each platform session and each poster session will have either one or two chairpersons. At least one platform session chair must be an SOT member.

If you are interested in volunteering to Chair a session, please visit the 2013 SOT Annual Meeting website to review the [Session Chairperson Guidelines](#). To volunteer to serve as an SOT session chairperson, please send [David Rossé](#) an email noting your areas of interest from the list of categories below. If selected, you will be sent an invitation in late October requesting your assistance.

The deadline to submit an abstract is October 3, 2012, at 11:59 pm (Eastern Daylight Time). The cost to submit an abstract is \$50.

### Category List

The categories listed below are used by the Scientific Program Committee to group abstracts focusing on similar subjects as well as for session programming. Please note that semicolons separate each category in this alphabetical listing.

- Alternatives to Mammalian Models; Animal Models; Autoimmunity/Hypersensitivity
- Bioinformatics; Biological Modeling; Biomarkers; Biotransformation/Cytochrome P450
- Carcinogenesis; Cardiovascular Toxicology/Hemodynamics; Cell Death/Apoptosis; Chemical & Biological Weapons;

- Children's Health/Juvenile Toxicity; Clinical and Translational Toxicology; Computational Toxicology
- Developmental Basis of Adult Disease; Developmental Toxicology; Disposition/Pharmacokinetics
- Ecotoxicology; Education, Ethics, Legal & Social Issues; Endocrine Toxicology; Epidemiology; Epigenetics; Exposure Assessment/Biomonitoring
- Food Safety/Nutrition
- Gene Regulation/Signal Transduction; Genotoxicity/DNA Repair
- Immunotoxicity; Inflammation in Disease; Inflammation: Methods and Mechanisms; Inhalants & Cardiopulmonary
- Kidney
- Liver
- Medical Devices; Metals; Mixtures
- Nanotoxicology; Natural Products; Neurodegenerative Disease; Neurotoxicity, Developmental; Neurotoxicity, General; Neurotoxicity, Metals; Neurotoxicity, Pesticides
- Oxidative Injury and Redox Biology
- Persistent Organic Pollutants (POPs); Pesticides; Pharmacogenomics/Genetic Polymorphisms
- Receptors; Regulation/Policy; Reproductive Toxicology; Risk Assessment
- Safety Assessment: Nonpharmaceutical; Safety Assessment: Pharmaceutical-Drug Development; Safety Assessment: Pharmaceutical-Drug Discovery; Skin; Stem Cell Biology and Toxicology; Sustainability; Systems Biology and Toxicology

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## **SOT 2013 Annual Meeting, San Antonio: Registration and Housing Are Now Open**

The Society of Toxicology (SOT) 2013 Annual Meeting [Registration](#) and [Housing](#) are now open. Please take a moment to register and make your hotel reservation for the SOT Annual Meeting to be held in San Antonio, Texas, March 10–14, 2013. Take advantage of the early bird registration rate and the early offering of hotels available at discounted room rates. For a listing of hotels and to make your room reservation, please go to the [2013 Annual Meeting website](#). The Grand Hyatt San Antonio will be Headquarters Hotel for the SOT Annual Meeting.

[Annual Meeting General Information](#)

[Annual Meeting Sponsorship Opportunities](#)

[Awards and Fellowships](#)

[Continuing Education Course Descriptions](#)

[Forms and Applications](#)

[Meeting Requests](#)

[San Antonio, Texas: Host City](#)

[Scientific Sessions](#)

[ToxExpo](#)

[Visa Information](#)

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## **Now Is the Time to Book Your Ancillary Meetings and Hospitality Suites—Deadline December 14**

Functions ancillary to the SOT 2013 Annual Meeting may be hosted by SOT Affiliates, Exhibitors, Sponsors, or organizations otherwise associated with SOT. All ancillary functions are held outside of the Convention Center in nearby hotels. Hospitality suites and Ancillary Meeting spaces book fast—Submit your request now! All requests for hospitality suites and ancillary meetings must be approved by SOT Headquarters. To reserve a hospitality suite, contact

**Heidi Prange.** To reserve a meeting room, please complete the [Ancillary Meeting Form](#) online. Only meeting requests made by December 14, 2012, will be listed in the Annual Meeting Calendar in the *Program*.

If your organization plans on holding an off property event, please inform [Katie Moore](#) by **January 11, 2013**. The Society would like to be able to provide a listing of all SOT-related events to the city bureau and INA Security. This information is helpful in ensuring that everyone in San Antonio related to the convention is well informed.

**No hospitality functions or Ancillary Meetings may be scheduled during the following SOT events:**

- Sunday, March 10, 8:15 AM–12:00 Noon & 1:15 PM–5:00 PM, Continuing Education
- Sunday, March 10, 5:15 PM–7:30 PM, Awards Ceremony & Welcome Reception
- Monday, March 11, 8:00 AM–9:00 AM, Keynote Plenary
- Monday, March 11, 9:15 AM–12:00 Noon & 2:00 PM–4:45 PM, Scientific Sessions
- Tuesday, March 12, 9:00 AM–11:45 AM & 1:30 PM–4:15 PM, Scientific Sessions
- Wednesday, March 13, 8:00 AM–9:00 AM, MRC Lecture
- Wednesday, March 13, 9:00 AM–11:45 AM & 1:30 PM–4:15 PM, Scientific Sessions
- Thursday, March 14, 9:00 AM–11:45 AM, Scientific Sessions

**\* *The hotels are not permitted to book meeting space without the authorization from SOT.***

The very foundation of the Society is to create a safer, healthier world by advancing the science of toxicology. To this end, the Society reserves the right to deny an Ancillary Meeting request from any organization whose goals, or past actions are deemed counterproductive to those of the Society of Toxicology.

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## **ToxExpo 2013—Exhibitor Referrals Welcome!**

### **ToxExpo.com—One-Stop Shopping for the Toxicologist**

ToxExpo is the Toxicology profession's largest trade show of its kind anywhere, and the online resource for scientific products and services at [ToxExpo.com](#). Searchable by company name or product/service category, this invaluable resource is at your fingertips 24 hours a day, 7 days a week.

As SOT members know, [ToxExpo](#) is the trade show held in conjunction with SOT's Annual Meeting. What you may not realize is that you can play a vital role in the success of ToxExpo! SOT members are on the front lines of research and often encounter (and even aid in the development of) new technology. Any new vendors that you interact with are potential exhibitors for ToxExpo. Support SOT, and your new vendors, by letting them know that having a presence at ToxExpo is a phenomenal opportunity for them to gain exposure to more than 7,500 of the world's leading scientists, executives, regulators, and decision-makers all gathered under one roof!

The show is **70% sold**, so urge your vendors to sign up **now** for a premier spot at ToxExpo 2013 and be a part of the largest gathering of industry, governmental, and academic toxicologists in the world. Members can send exhibitor referrals to the SOT Exhibits Department; just let us know the company name and any contact information you may have, and we'll take it from there!

The Society of Toxicology's 52nd Annual Meeting and ToxExpo will be held at the Henry B. Gonzalez Convention Center in San Antonio, Texas, March 10–14, 2013, with ToxExpo dates of March 11–13. ToxExpo provides a unique opportunity for attendees to see the latest in cutting-edge technology and services under one roof. Moreover, exhibitors can attend the SOT Annual Meeting where they can participate in scientific sessions on the latest developments in toxicology research.

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## **Increase Your Participation in SOT: Volunteer**

## ***Opportunities Include the 2013 SOT Annual Meeting***

There are many ways to increase your involvement in the Society by volunteering to help with programs and activities that are of particular interest to you by using the [Volunteer Form](#). Volunteers are the heart of the Society. Our strength is the result of the time and effort provided by SOT members. For example, you can offer your assistance at the 2013 Annual Meeting in San Antonio, Texas, March 11–14, 2013. You will find volunteer opportunities that are the right fit for you, whether you can commit a year, a month, or a day. For example, you may decide to host an undergraduate student, serve as a toxicology expert during an informal graduate student lunch, promote the Society's programs and activities at the SOT Pavilion, or offer to be a greeter. Moreover, you might be asked to serve on an SOT Committee or Task Force, or work on a project as an *ad hoc* member. Leadership reviews these volunteer submissions when selecting members for appointment or nomination to elected positions. Learn more about any of the [SOT Elected and Appointed Committees](#).

If you volunteered previously, know that not every volunteer can be placed where they request. However, please indicate your interest on the [Volunteer Form](#) this year to reaffirm your willingness to serve. In addition, please contact the leadership of your Regional Chapter, Special Interest Group, or Specialty Section to find out how you can become more involved in those groups.

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## **Three 2012 SOT Annual Meeting Sessions to Be Presented at AAAS Meeting**

Three 2012 SOT Annual Meeting sessions will be presented at the [2013 AAAS Annual Meeting](#), February 14–18, 2013, Boston, Massachusetts.

The sessions include the following:

- Global Health and Environmental Impacts of E-Waste Recycling, *chaired by Erica Dahl and Bruce A. Fowler*
  - Placing Bisphenol A Risks in a Human Exposure Context: Is Internal Exposure to Bioactive Bisphenol A in Humans Similar to Levels in Affected Rodent Test Species?, *chaired by Justin Teeguarden and Jeffrey Fisher*
  - The Toxicological Impact of Metals, Crude Oil, and Chemical Dispersants from the Gulf of Mexico Oil Crisis on Human and Wildlife Health, *chaired by John Wise Sr., and Joe Griffitt*.
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## **SOT 2013 Annual Meeting Sponsorship Opportunities Are Available**

The SOT Annual Meeting is the largest scientific meeting of toxicologists in the world and the 52nd Annual Meeting is sure to draw thousands of attendees. There are many opportunities to become a sponsor for the Annual Meeting to be held March 10–14, 2013, at the Henry B. Gonzalez Convention Center in San Antonio, Texas. Becoming a sponsor of this important event demonstrates your organization's commitment to SOT's mission of "creating a safer and healthier world by advancing the science of toxicology."

Being a sponsor provides an opportunity for better name recognition of your organization among SOT members and the Annual Meeting attendees and helps keep registration fees low, enabling the Society to attract nearly 7,500 scientists from academia, industry, and government—at all stages of their careers—and from around the globe. Many of these attendees are directly involved in the application of toxicology and related sciences to human health and disease prevention. Five levels of sponsorship are offered, with the higher levels providing greater visibility for your organization. The categories are indicated below as follows:

- Diamond (\$10,000 and more)
- Platinum (\$5,000–\$9,999)
- Gold (\$2,500–\$4,999)

- Silver (\$2,000–\$2,499)
- Contributor (\$1,000–\$1,999)

Acknowledgement signs, on which sponsors are grouped by the level of sponsorship for those at Silver Level and above, will be displayed prominently on-site. In addition, sponsors will be recognized in the *Preliminary Program*, *Program*, the pre- and post-meeting newsletters, *ToxExpo Directory*, on the [2013 SOT Annual Meeting website](#), and in the acknowledgement presentation shown in each session room. In appreciation for this contribution, Annual Meeting Sponsors at the Silver Level and above are invited to attend the SOT President's Reception.

Sponsorship also enables SOT to fund such programs as: Minority Student Program, Undergraduate Program, Student/Postdoctoral Scholar events, Continuing Education Program, Public Outreach, and much more! If you are interested in SOT Sponsorship, contact [Marcia Lawson](#) or at 703.438.3115 ext. 1446.

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## SOT Affiliates Provide Support and Reap Benefits

Because SOT is an individual membership Society, an SOT Affiliate category has been established for private, public, and not-for-profit organizations that wish to contribute to SOT's success toward "creating a safer and healthier world by advancing the science of toxicology."

For a contribution of \$2,500, an organization may join other [SOT Affiliates](#) who are providing support to the Society in reaching its strategic objectives.

In appreciation for this support, SOT Affiliates receive the following benefits.

- Access to member-restricted information on the SOT website.
- Reduced rate for SOT Job Bank services.
- Complimentary Annual Meeting registration for one attendee.
- Prominent listing on the SOT website, in the *SOT Membership Directory*, and Annual Meeting signage and materials, including the *Preliminary Program* and final *Program*.
- SOT Member Publications, including Annual Meeting information and the newsletter, *Communiqué*.
- Complimentary room rental for one meeting at the SOT Annual Meeting.
- Electronic and print subscriptions to the SOT official journal, *Toxicological Sciences*.

Affiliate benefits are for a one-year period, from October to October, and can be renewed each year. For more information about becoming an SOT Affiliate, visit the SOT website or contact [Marcia Lawson](#).

### Science News

## ***Toxicol. Sci.* September 2012, Vol. 129, No. 1 Now Online**

Dear SOT Member, The September 2012, Vol. 129, No. 1 issue of *Toxicological Sciences* is now available [online](#). To have the Email Table of Contents (eTOC) alerts delivered to you as well as Advance Access notification of the latest papers and research in *Toxicological Sciences* as soon as they are accepted and posted to the website, register [online](#).

The paper chosen for the Editor's Highlight in this issue is [Urinary Biomarker Detection of Melamine- and Cyanuric Acid-Induced Kidney Injury in Rats](#) by Qin Zhang, Gonçalo Gamboa da Costa, Linda S. Von Tungeln, Cristina C. Jacob, Ronald P. Brown, and Peter L. Goering.

The Editor, Michael L. Cunningham, notes that "Melamine and cyanuric acid were added to pet food in the United States and baby formula in China to boost apparent protein content, resulting in widespread poisoning that was characterized by renal toxicity. The research conducted by the Goering group in this issue demonstrated that renal

toxicity could be monitored by the analysis of urinary RPA-1 (distal tubule and collecting duct injury biomarker). This represents a novel and valuable biomarker for the noninvasive monitoring of obstructive nephropathy associated with melamine-cyanuric acid exposure.”

*Toxicological Sciences*, the official journal of SOT, is among the most highly cited original research journals in Toxicology with an impact factor of 4.652.

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## ***Toxicol. Sci.* August 2012; Vol. 128, No. 2 Now Online**

Dear SOT Member,

The August 2012, Vol. 128, No. 2 issue of *Toxicological Sciences* is now available [online](#). To have the Email Table of Contents (eTOC) alerts delivered to you as well as Advance Access notification of the latest papers and research in *Toxicological Sciences* as soon as they are accepted and posted to the website, register [online](#).

The paper chosen for the Editor’s Highlight in this issue is [Hepatic MicroRNA Profiles Offer Predictive and Mechanistic Insights after Exposure to Genotoxic and Epigenetic Hepatocarcinogens](#). The Editor, Michael L. Cunningham, notes that “MicroRNAs are non-coding RNAs that regulate target genes. This report demonstrates that microRNAs are differentially expressed by genotoxic versus nongenotoxic hepatocarcinogens. These data present a new class of biomarkers for the early evaluation of hepatocarcinogenicity of chemicals by both genotoxic as well as nongenotoxic mechanisms.”

*Toxicological Sciences*, the official journal of SOT, is among the most highly cited original research journals in Toxicology with an impact factor of 4.652.

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## ***Toxicol. Sci.* July 2012; Vol. 128, No. 1 Now Online**

Dear SOT Member,

The July 2012, Vol. 128, No. 1 issue of *Toxicological Sciences* is now available [online](#). To have the Email Table of Contents (eTOC) alerts delivered to you as well as Advance Access notification of the latest papers and research in *Toxicological Sciences* as soon as they are accepted and posted to the website, register [online](#).

Applications for the SOT Board of Publications Best Paper Award for the **Best Paper in *Toxicological Sciences*** are open with a deadline of October 9. The Award is presented to the author(s) of the best paper published in the official SOT publication during a 12-month period, terminating with the June issue (i.e., the printed version of the *Toxicological Sciences* journal) of the calendar year preceding the Annual Meeting at which the award is presented. The application and nomination forms are found on the [Awards and Fellowships](#) section of the SOT website.

*Toxicological Sciences*, the official journal of SOT, is among the most highly cited original research journals in Toxicology with an impact factor of 4.652.

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## **Access Toxicological Sciences from the SOT Homepage**

The SOT website is the gateway to information about a multitude of activities, programs, and publications, including access to *Toxicological Sciences*, the official journal of the Society. To access the journal, log on to the SOT website and find the journal either through the listing of publications on the [Members/Scientists section](#) of the SOT website or via the *Toxicological Sciences* icon in the right column of the [homepage](#). All SOT member subscribers can access the journal with their email and password, eliminating the need to establish a distinct user name and password to access the



## Log On to the SOT Website to Access the 1981–2012 ToxSci Archives

Have you ever needed citation information for a manuscript you published in *Toxicological Sciences (ToxSci)* years ago? Are you interested in reading articles in *ToxSci* about a particular topic, approach, or substance. All of the online content for *Toxicological Sciences* from January 1, 1981, to July 2012 is available to SOT member journal subscribers. Once you are logged in, you may find it's most efficient to simply click through the *ToxSci* icon in the lower right hand corner of the SOT homepage to access *ToxSci* and then select the [Browse the Archives](#) link. *ToxSci* is among the most highly cited journals in Toxicology.

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## FutureTox Meeting: Be Prepared for 21st Century Toxicology and Risk Assessment, October 18–19



In just a few weeks, scientists will gather to participate in the “FutureTox: Building the Road for 21st Century Toxicology and Risk Assessment Practices” meeting. FutureTox will address the challenges and opportunities associated with effective and efficient implementation of cutting-edge toxicity testing technologies and tools that will inform hazard prediction and risk assessment. This SOT Contemporary Concepts in Toxicology meeting will be held on October 18–19, 2012, in Arlington, Virginia. In addition to SOT, the Dow Chemical Company, ILSI Health and Environmental Sciences Institute Risk 21, Human Toxicology Project Consortium, and the National Institute of Environmental Health Sciences (NIEHS) are sponsors ([sponsorship opportunities](#) still are available). FutureTox will provide information of great relevance to scientists in academia, government, and industry.

Three session themes are intended to stimulate more detailed dialog and understanding. These themes include (a) Toxicology testing in the 21st Century (TT21c) approaches for safety assessment and expectations for effective and efficient integration into and potential transition of existing safety assessment practices; (b) TT21c approaches for exposure assessments and links to toxicity test dosimetry, with a particular focus on relationships to contextual dose-exposure considerations associated with high throughput *in vitro* evaluation systems; and finally (c) Reframing risk assessment practices, with an emphasis on how emerging science can best impact and reshape current risk assessment practices.

The Organizing Committee includes James S. Bus and Craig Rowlands, The Dow Chemical Company; Kim Boekelheide, Brown University; Russell S. Thomas, The Hamner Institutes for Health Sciences; Vicki L. Dellarco, US Environmental Protection Agency (US EPA); Marty Stephens, Human Toxicology Project Consortium; George P. Daston, Procter & Gamble; Suzanne Compton Fitzpatrick, US Food and Drug Administration; Raymond R. Tice, NIEHS; Robert J. Kavlock, US EPA; and Laurie C. Haws, ToxStrategies.

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## NIEHS Launches New Strategic Plan

The National Institute of Environmental Health Sciences (NIEHS) has finalized the Institute's new [Strategic Plan](#), which according to NIEHS Director Linda S. Birnbaum, "is about what we will strive to accomplish together as we devote ourselves to research that, in my opinion, has the greatest chance for preventing disease and for improving health throughout the world." The vision statement of the organization is "to provide global leadership for innovative research that improves public health by preventing disease and disability from our environment." In addition, under the new strategy the National Toxicology Program (NTP) has been elevated to the divisional level and the NTP will move beyond traditional approaches of testing one chemical at a time and take on the significant challenge of evaluating mixtures, examining the effects of exposure throughout the life span, and expanding research and testing to include prenatal exposures and how they might link to adult disease.

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## **Burroughs Wellcome Fund Accepting Proposals: 2012 Career Awards at the Scientific Interface**

**Preproposal Deadline:** September 4, 2012

The Burroughs Wellcome Fund's [Career Awards at the Scientific Interface](#) provide \$500,000 to bridge advanced postdoctoral training and the first years of faculty service. These awards are intended to foster the early career development of researchers with backgrounds in the physical/mathematical/computational sciences and engineers whose work addresses biological questions. These awards are open to US and Canadian citizens or permanent residents as well as to US temporary residents.

Eligible candidates for this award may self-nominate by submitting a preproposal by **September 4, 2012**. Preproposals will be reviewed by the Interfaces in Science Advisory Committee and selected candidates will be invited to submit a full application. Full invited applications must be submitted by January 10, 2013.

For additional information, view a brief [video](#).

For full grant details, visit the [Burroughs Wellcome Fund website](#).

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## **Advisory Committee Advises NIH to Expend Funds on Training Grants**

After a year's worth of work, an advisory committee of the National Institutes of Health (NIH) has completed a comprehensive study of the biomedical research workforce and concluded, in part, that, "The most effective training dollars that the NIH has to expend are those in their training grants." The advisory committee headed by Princeton University President Shirley Tilghman recently presented a number of recommendations to the NIH's Advisory Committee to the Director and called upon NIH to divert funding from research grants to training grants for graduate students. The advisory group also urged NIH to support more postdocs on training grants and to increase the pay and improve the benefits for postdocs. Dr. Tilghman noted that continuing the same system at the graduate level of training at this country's universities is unsustainable. She said, "There is a mismatch between the training that most graduate students receive and the careers most PhD graduates end up taking." Moreover, she explained that the number of academic jobs has shrunk dramatically compared to the number of new graduates. The growth of jobs for PhD biomedical scientists is outside academia. She also said that because of this shift, graduates must be prepared to work in industry, government, or in positions tangentially related to their degrees. The committee recommended that competitive fellowships and institutional traineeships be enhanced and students be given more independence and flexibility to develop into productive scientists. The advisory committee also said students must be given more opportunities to learn about careers outside of the academic community. The other key recommendations include the following:

- Graduate students should be limited to six years of NIH funding.
- Training should include management and entrepreneurship.

- Support should be increased for training grants and fellowships, not the number of positions supported.
- Postdoc stipends must be increased from \$39,264 to \$42,000.
- NIH-funded institutions should track student careers.
- Scientists should be moved into independent careers faster.
- Universities should be encouraged to support staff scientists.
- NIH training programs should be reorganized.

The Working Committee recommended that NIH take funding from R01 grants and spend it on boosting the number of training grants. Regarding the impact of increasing training grants, Dr. Tilghman said, “We think this will increase the overall quality of training of graduate students around the country.”

In response to the Committee’s report, Director of NIH Francis Collins recommended that pilot-scale experimentation be conducted to assess the consequences of putting more resources into training grants.

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## **NIH Working Group Urges NIH to Curb Racial Bias in NIH Grants**

A recent report submitted to the National Institutes of Health (NIH) calls upon the NIH Director Francis S. Collins to have a “continuous review and take remedial steps against bias.” The report was prepared by a panel chaired by Reed Tuckson, executive vice president and chief of medical affairs at UnitedHealth Group in Minnesota, and John Ruffin, director of NIH’s Institute on Minority Health and Health Disparities.

The panel was convened at the request of Dr. Collins after economist Donna Ginther of the University of Kansas and colleagues issued a study that showed that black applicants for NIH grants between 2000 and 2006 were significantly less likely to be funded than white applicants. The working group noted that 73 percent of the applications from black researchers were rejected without a full discussion, but the report does not cite a definitive cause for this discrepancy. The panel also recommended that NIH establish mentorship networks to assist minority students early in their school careers and help fund more undergraduate scholarships. The NIH Director indicated that he is committed to doing everything he can to reduce such disparities.

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## **SOT Science News Alert—August 2012**

Dear SOT Members,

I am looking forward to seeing you at the [2013 SOT Annual Meeting](#), March 10–14, in historic San Antonio, Texas. Plans are well underway and many of you are now in the midst of preparing abstracts for the October 3, 2012, deadline. We are pleased that a very recent Nobel Laureate, Dr. Bruce Beutler, recipient of the 2011 Nobel Prize in Physiology and Medicine, already is scheduled for the Plenary Lecture. Dr. Beutler is Director, Center for the Genetics of Host Defense, and Professor of Immunology at the University of Texas Southwestern Medical Center, Dallas. He heads a lab that has as its goal “to advance the fundamental understanding of the genetics of immunity to aid in the treatment of infection, disorders of immunity, and autoimmunity. Failures of the immune system represent a substantial burden to society, and a tragedy for those directly affected by them.” Moreover, many of the scientific sessions at the 2013 Annual Meeting will focus on aspects of the six thematic areas, including Application of Systems Biology to Toxicology; Biomarkers for Exposure Assessment, Safety Evaluation, and Translational Medicine; Effects of Nanomaterials on Biological Systems; and Molecular Basis of Genetic Variability and Susceptibility to Toxicants. More information will follow about the next annual meeting in the months ahead. Below are a number of meetings and events that may be of interest to you. To learn more about these SOT-sponsored meetings and events of interest, contact the organizers directly.

Thank you,

William Slikker Jr.

## CCT Meeting

### **FutureTox: Building the Road for 21st Century Toxicology and Risk Assessment Practices—October 18–19**

The “FutureTox: Building the Road for 21st Century Toxicology and Risk Assessment Practices” meeting will address the challenges and opportunities associated with effective and efficient implementation of cutting-edge toxicity testing technologies and tools that will inform hazard prediction and risk assessment. This SOT Contemporary Concepts in Toxicology (CCT) meeting will be held on October 18–19, 2012, in Arlington, Virginia. In addition to SOT, ILSI Health and Environmental Sciences Institute Risk 21, Human Toxicology Project Consortium, and the National Institute of Environmental Health Sciences (NIEHS) are sponsors ([sponsorship opportunities](#) are available). Three session themes are intended to stimulate more detailed dialog and understanding of “what, when, and how” considerations whereby newly emerging technologies can be constructively engaged in transition to the future vision. These themes include (a) Toxicology testing in the 21st Century (TT21c) approaches for safety assessment and expectations for effective and efficient integration into and potential transition of existing safety assessment practices; (b) TT21c approaches for exposure assessments and links to toxicity test dosimetry, with a particular focus on relationships to contextual dose-exposure considerations associated with high throughput *in vitro* evaluation systems; and finally (c) Reframing risk assessment practices, with an emphasis on how emerging science can best impact and reshape current risk assessment practices. For [general information](#), to review the [program](#), and to [register](#), visit the [FutureTox website](#).

## SOT Sponsored-Meetings

### **Environmental Mutagen Society 43rd Annual Meeting—Advance Registration Deadline: August 15**

The 43rd Annual Meeting of the Environmental Mutagen Society (EMS), “EMS: The Next Generation,” will be held September 8–12, 2012, at the Hyatt Regency Bellevue, in Bellevue, Washington. The meeting provides a broad scientific forum for basic and applied researchers as well as students and teachers to review the latest information linking environmental conditions to adverse health outcomes. The emphasis of the meeting is to (1) present cutting-edge basic research in the areas of DNA repair, regulation of gene expression, epigenetics, systems biology, mutagenesis, inflammation cancer, and aging in eight symposia and seven keynote lectures; (2) present emerging “next generation” technologies and approaches in genomic research, genetic toxicology, and risk assessment; (3) feature the work of students, new and early stage investigators, and EMS members in six platform sessions; (4) network with students, mentors, and colleagues at ten Special Interest Group (SIG) meetings, two receptions and a banquet; and finally (5) entice students and new and early stage investigators to become the “Next Generation” EMS members. Keynote speakers include: Mary-Claire King, Jan Hoeijmakers, Judith Campisi, John Stamatoyannopoulos, Yosef Shiloh, Leroy Hood, Susan Wallace, and William Martin. This is a meeting not to be missed. For additional information, visit the [EMS 2012 Annual Meeting website](#).

### **Eleventh International Conference on Neuroprotective Agents—September 30–October 3**

The Eleventh International Conference on Neuroprotective Agents (ICNA) will be held September 30–October 3, 2012, at the Wendake Conference Center, Quebec City, Canada. The International Conference on Neuroprotective Agents has been relatively unique in its role of bringing together clinical and basic science researchers from various countries and various disciplines related to neuroprotection in an intellectually stimulating and socially relaxing environment to discuss strategies to protect the nervous system. The multidisciplinary background of the participants and the meeting’s structure (all sessions, including the poster session, are attended by all participants; meals and social events also are group functions) fosters in-depth, real-time discussion and debate. The ICNA brings together researchers involved in (1) conditions toxic to the nervous system (e.g., heat, diabetes, drugs (therapeutic and illicit), alcohol, anesthetic agents, and stroke); (2) neurodegenerative processes ‘toxic’ to the nervous system (e.g., Parkinson’s disease, Alzheimer’s disease); (3) molecular and nanotechnology techniques for understanding nervous system disorders, nervous system repair mechanisms, and neurotoxicity issues; and (4) the fields of personalized, predictive, and preventive medicine as they relate to neuroprotection. For more information including registration and housing, visit the [Eleventh International Conference on Neuroprotective Agents website](#).

## **XXX Jornadas Interdisciplinarias de Toxicología, Argentina—October 23–26**

The Argentine Toxicology Association is organizing its national Toxicology meeting “XXX Jornadas Argentinas Interdisciplinarias de Toxicología,” to be held in Buenos Aires, October 23–26, 2012. This event will provide a great opportunity to meet scientists from Argentina and abroad working in the field. The program covers major areas of interest in Toxicology: clinical, environmental, drugs, mechanisms, ecotoxicology, forensic, etc. In addition, three courses will be offered, including “Smoking and health: treatments, prevention,” “Current topics in Environmental Toxicology,” and “Mentoring.” Buenos Aires is by now a fashion city for tourism and a big safe metropolis (and one of the cheapest!), with a fantastic cultural life and excellent cuisine. Hope to see you! For additional information, please contact [Professor Marta A. Carballo](#) and visit the [Jornadas Argentinas Interdisciplinarias de Toxicología website](#).

## **International Society of Exposure Science Annual Meeting—October 28–November 1**

The 22nd Annual Meeting of the International Society of Exposure Science will be held October 28–November 1, 2012, in Seattle, Washington. The theme is “Lessons Learned: Contributions of Exposure Science to Environmental and Occupational Health.” The meeting will highlight the value that exposure scientists have brought, and continue to bring to environmental and occupational health policy formulation. Plenary, oral, and poster sessions will address a broad range of topics involving human exposure to chemical, physical, and biological agents in communities and the workplace. For further information, [email](#) or visit the [International Society of Exposure Science Annual Meeting website](#).

## **IUTOX Meetings**

### **IUTOX 8th CTDC8—September 10–13, 2012**

IUTOX invites you to attend its next two meetings in Asia! The Thai Society of Toxicology (TST) is host to the IUTOX 8th Congress of Toxicology in Developing Countries (CTDC8) being held in Bangkok September 10–13, 2012, TST has put together an excellent program around the theme, “Sharing Toxicological Knowledge of a Healthy Life and Environment” at the beautiful venue Centara Grand at Central Plaza Ladprao Bangkok. WHO is providing an excellent day-long continuing education course titled, *Human Health Risk Assessment: Toolkit for Chemical Hazards*. The occasion also will be marked by a keynote address delivered by renown toxicologist, Professor Dr. HRH Chulaborn Mahidol. IUTOX is especially grateful to SOT for generously providing travel award funding, which will allow several scientists from developing and least developed countries to attend the meeting. For more information, visit the [CTDC8 website](#).

### **IUTOX 13th ICT—June 30–July 4, 2013**

The IUTOX 13th International Congress of Toxicology (ICT XIII), which includes the IUTOX General Assembly, convenes in Seoul, Korea, June 30–July 4, 2013, at the COEX Convention & Exhibition Center. The host organizers from the Korean Society of Toxicology have selected a state-of-the-art venue for this important meeting titled, *Translational Toxicology from Basic Science to Chemical and Environmental Outcomes*. By attending ICT XIII, attendees will learn of the latest advances in the science of toxicology, hear from eminent international speakers and leading researchers, and be able to discuss the complex issues that arise when drugs or chemicals adversely impact humans, animals, and the environment. For more information on the meeting, please [visit the ICT XII website](#).

Please contact [IUTOX Headquarters](#) for questions about the meetings or for further information about sponsorship opportunities. We look forward to seeing you in Bangkok and Seoul!

## **Webinars of Note**

**Safety Pharmacology Society Webinars: The Assessment of Safety Pharmacology Endpoints in Toxicology Studies**

There is a growing interest for inclusion of safety pharmacology endpoints in toxicology studies in order to:

- Address ICH S7A & S7B requirements
- Achieve the 3Rs, better utilize resources, and control costs
- Generate additional data after repeated dosing

This trend includes both investigative and regulatory toxicology studies and has been facilitated by the advent of new technologies improving data quality and non-invasive measurements.

SPS will host a series of four webinars in September 2012 focused on specific areas of safety pharmacology: CV, CNS, Respiratory, and Supplementary Studies. Please visit the [SPS Webinar listing](#) for specific dates and times. Each webinar will explore the advantages and disadvantages of adding these endpoints in toxicology studies and the impact on drug discovery and development. Webinar participants are encouraged to actively engage in discussion after presentations from an expert panel. The results of these webinars, along with the outcome from an upcoming SPS industry survey, will serve to create a white paper on best practices, industry trends, opportunities, and pitfalls when including safety pharmacology into toxicology studies. Results will be shared at the [2012 SPS Annual Meeting](#) in Phoenix this October, and potentially at the SOT 2013 Annual Meeting in March.

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SOT sponsors two types of meetings outside of the SOT Annual Meeting: [Contemporary Concepts in Toxicology \(CCT\)](#) and [Non-SOT meetings](#). CCT meetings are one- to two-day focused, open registration, scientific meetings in contemporary and rapidly progressing areas of toxicological sciences. Non-SOT meetings are sponsored by other not-for-profit organizations and SOT will either endorse or provide sponsorship money to toxicology-related meetings.

## Legislative and Regulatory Update

### SOT Call For Nominations—NTP NICEATM ICCVAM Expert Panel

August 6, 2012

Dear Colleagues:

The National Toxicology Program's Interagency Center for the Evaluation of Alternative Toxicological Methods (NICEATM) in collaboration with the Interagency Coordinating Committee on the Validation of Alternative Methods (ICCVAM) is requesting nominations for an Independent Expert Panel. The panel would be responsible to assess the validation status of an up-and-down procedure (UDP) for acute dermal systemic toxicity testing. NICEATM is requesting nominations of scientific experts who can be considered for the Panel and submission of data for substances tested in *in vivo* acute dermal and oral systemic toxicity tests.

Acute poisoning from chemicals and chemical products, including pharmaceuticals, is a significant public health problem. In 2009, 2.5 million human poisoning cases were reported to US poison control centers (Bronstein et al., 2010). Dermal exposures were involved in 7.25% (179,832 cases) of the poisonings, which was second in frequency only to exposures by oral ingestion (2,080,781 cases). To protect workers and consumers from acute dermal poisoning exposures, regulatory agencies in the US (e.g., the Environmental Protection Agency, the Consumer Products Safety Commission, Department of Transportation, Occupational Safety and Health Administration) use the information from acute dermal systemic toxicity tests using rabbits or rodents to determine the potential of chemicals and chemical products to cause life-threatening health effects or death from acute dermal exposures. Test results are used as the basis for hazard classification and labeling and to inform consumers and workers how to avoid acute dermal exposures to hazardous chemicals and products during the handling, transport, and use of chemicals and products.

NICEATM is now developing an UDP for acute dermal systemic toxicity testing, which is one of the four most commonly conducted product safety tests worldwide. Alternative test methods for acute dermal systemic toxicity testing are an ICCVAM priority because such testing is required by multiple agencies, can involve large numbers of animals,

and can result in significant pain and distress to test animals (ICCVAM, 2008).

Areas of relevant expertise include, but are not limited to biostatistics; human and veterinary dermatology, with an emphasis on evaluation and treatment of chemical injuries that produce systemic effects; human and animal toxicology, especially systemic effects due to dermal exposures; *in vivo* dermal and oral toxicity testing; and test method validation.

SOT members may nominate one or more qualified individuals for membership on the advisory committee. Self-nominations also are accepted. Each nomination should include the nominee's name, affiliation, contact information (i.e., mailing address, email address, telephone, and fax numbers), *curriculum vitae*, and a brief summary of relevant experience and qualifications.

SOT members should submit their *CVs* and any additional information to [Martha Lindauer](#) by Friday, August 24, 2012.

A subcommittee of SOT Council will review the nominations and will forward onto those applicants that Council members feel can best serve this Board.

Thank you for participating in this important process!

William Slikker Jr.  
2012–2013 SOT President

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## **SOT Call for Nominations—CDC Board of Scientific Counselors**

Dear SOT Colleagues:

The Centers for Disease Control and Prevention (CDC) is soliciting nominations for membership on the Board of Scientific Counselors (BSC), NCEH/ATSDR. The BSC, National Center for Environmental Health/Agency for Toxic Substances and Disease Registry (NCEH/ATSDR) consists of 16 experts knowledgeable in the field of environmental public health or in related disciplines, who are selected by the Secretary of the US Department of Health and Human Services (HHS). The BSC, NCEH/ATSDR provides advice and guidance to the Secretary, HHS; the Director, CDC; and the Director, NCEH/ATSDR, regarding program goals, objectives, strategies, and priorities in fulfillment of the agencies' mission to protect and promote people's health. The board provides advice and guidance to help NCEH/ATSDR work more efficiently and effectively with its various constituents and to fulfill its mission in protecting America's health.

Nominations are being sought for individuals who have expertise in the disciplines of toxicology, epidemiology, environmental or occupational medicine, behavioral science, risk assessment, exposure assessment, and experts in public health and other related disciplines will be considered. Members may be invited to serve up to four-year terms. The HHS policy stipulates that committee membership be balanced in terms of points of view represented and the board's function. Nominees must be US citizens.

SOT members may nominate one or more qualified individuals for membership on the advisory committee. Self-nominations also are accepted. Nominations must include a current *curriculum vitae* for each nominee, including current business address and/or home address, telephone number, and email address if available. Nominations also must specify the advisory committee for which the nominee is recommended. Nominations also must acknowledge that the nominee is aware of the nomination, unless self-nominated. US FDA will ask potential candidates to provide detailed information concerning such matters related to financial holdings, employment, and research grants and/or contracts to assess and alleviate potential conflicts of interest.

SOT members should submit their *CVs* and any additional information to [Martha Lindauer](#) at by Friday, September 7, 2012. A Subcommittee of SOT Council will review the nominations and will forward onto those CDC applicants that Council members feel can best serve this Board.

Thank you for participating in this important process!

William Slikker Jr.  
2012–2013 SOT President

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## **Senators Press for Reform of TSCA and Ask for Faster Action on PBDEs**

Twenty-six Senators have written a letter to US Environmental Protection Agency (US EPA) Administrator Lisa Jackson asking that she finalize and implement two sets of rulemakings on the regulation of polybrominated diphenyl ethers (PBDEs) citing a *Chicago Tribune* article that asserts that “flame retardant manufacturers may have misled the public for decades regarding both the risks and efficacy of these chemicals. Due to industry opposition to common sense reforms at both the federal and state level that would limit the use of these chemicals, PBDEs and other flame retardants continue to be used in a significant number of everyday products.” The Senators went on to say that while they commend US EPA for taking steps to address PBDEs, it is “concerning that the agency must undertake lengthy rulemaking processes merely to secure additional health and safety data on a chemical of concern and to receive notifications regarding expansions of its use. This reinforces why there is broad agreement that the Toxic Substances Control Act (TSCA) must be reformed to protect American families from dangerous chemicals in a cost-effective way and we urge you to continue to work with Congress to enact consensus reforms.”

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## **Article Title Here Six-Month Continuing Resolution Proposed By Congressional Leaders in Both Houses of Congress**

Leaders on both sides of the aisle and in both Houses of Congress have tentatively agreed to enact a six-month Continuing Resolution (CR) that will keep the federal government going until March 2013. Leaders from both the House and Senate have also agreed to stick to the \$1.047 trillion discretionary spending cap that was established under the budget Control Act. The proposed CR is expected to come up for a vote in the House and Senate sometime in September. The House and Senate are in recess until September 7.

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## **US CPSC To Amend Animal Testing Regulations**

The US Consumer Product Safety Commission (CPSC) is proposing to amend its regulations regarding animal testing methods under the Federal Hazardous Substances Act (FHSA). This law requires that the appropriate cautionary labeling be done for certain hazardous household products to alert consumers to potential hazards caused by the product. Hazards that are addressed by FHSA include products that are toxic, corrosive, irritants, flammable, combustible, or sensitizers. Written comments must be submitted by September 12 to the [regulations website](#).

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## **Great Ape Legislation Not Likely to Pass Before Congress Adjourns**

While the Senate Environment and Public Works Committee passed [S. 810](#), the Great Ape Protection and Cost Savings Act of 2011, shortly before the House and Senate recessed in August, no further action is expected by the Senate when Congress reconvenes in September due to a number of pressing economic issues that await Congress. In addition, the House Subcommittee on Health has taken no action on its version of the bill, [H.R. 1513](#), since it was referred to the Subcommittee this past April.

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**Position Advertisement(s)**



## **SOT's Job Bank Is At Your Service**

The Society's [Job Bank](#) makes it easy for candidates and employers alike to access this year-round, service anytime, anyplace via the SOT website. This forum links job candidates with employment positions in toxicology and related biological sciences. The Job Bank allows you to:

- Post employment positions;
- Register as an employer or candidate (members register as candidates for FREE!);
- Search the Job Bank database; and
- Contact candidates or employers.

Candidates can gain access to a variety of positions suited to their experience, areas of expertise, and desired geographical location. Posting resumes in this readily accessible Job Bank allows employers to review resumes and determine an appropriate match for the positions available.

Employers from corporate, academic, governmental, and nonprofit organizations can attract potential candidates in a targeted and cost-effective manner through this SOT service. By having access to detailed candidate resumes, employers can determine the right match for a specific position and expedite the recruitment process. SOT Affiliates use this system at a reduced rate in appreciation of their commitment to helping further the objectives of the Society.

The online service provides a year-round mechanism for linking job candidates with employment positions in toxicology and related biological sciences. The system stores information submitted by its users and permits searches in categories such as: years of experience, types of experience, areas of expertise, type of position, type of employer, salary, and geographical location. The system has two options for users wishing to remain anonymous: The first option allows users to keep their identity hidden by selecting the "confidential" preference on the profile form. The second option allows users to simply register and pay for the service, skip the profile form and proceed directly to the search and browse menu options. Employers will not be able to search for candidates in this category. Contact with another user of the Service is made via an email message created from within the system. You may also contact these companies or candidates directly by telephone or fax.

Registrations will be valid for four months and all users may access the system as often as they wish. If your registration is valid during the Annual Meeting dates, March 10–14, 2013, you will be able to take advantage of the traditional Career Resource and Development Services offered at the Annual Meeting.