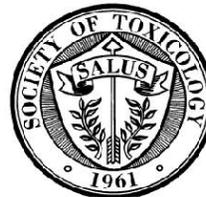


SOT Student e-Letter



SPRING 2011 EDITION PUBLISHED BY THE STUDENT ADVISORY COUNCIL

Dear Students,

Welcome to the Spring Edition of the SOT Student E-Letter! This biannual newsletter is published by the SOT Student Advisory Council (SAC) for graduate students. This newsletter contains information about the 50th Anniversary SOT Annual Meeting, award opportunities, and information related to Regional Chapters, Special Interest Groups, and Specialty Sections.

The Student Advisory Council

About the SAC

The Student Advisory Council

Each Regional Chapter and Special Interest Group elects one graduate student member to represent their group in the Regional Chapter/Special Interest Group Graduate Committee (RC/SIG-GC). In addition, each Specialty Section elects a graduate student to serve on the Specialty Section Graduate Committee (SS-GC). The officers from the RC/SIG-GC and SS-GC join to form the SAC. See Pages 20 and 37 for officer contact information.

The SAC was created to provide student leadership at the National SOT level. Our job is to address the needs of students in the Society and to promote student participation and membership. If you are interested in learning more about the SAC, please visit our [Web site](#) or just contact one of us!

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Commonly Used Acronyms

SAC – Student Advisory Council

RC/SIG-GC – Regional Chapter/ Special Interest Group Graduate Committee

SS-GC – Specialty Section Graduate Committee



Student Advisory Council Updates

SOT has 18 Regional Chapters whose purpose is to foster scientific exchange at the local level. These chapters sponsor regional meetings throughout the year that offer exceptional scientific programs, renowned speakers, and opportunities for student involvement in both poster and seminar sessions. A list of the Regional Chapters and information about joining can be found on the [SOT Web site](#). Students can join Regional Chapters and enjoy the benefits without becoming members of the national Society of Toxicology (of course there are many advantages to belonging to both SOT and a Regional Chapter!)

PARTICIPATE IN SPECIAL INTEREST GROUPS

SOT has established six Special Interest Groups (SIG) to promote the recruitment of toxicologists who share common interests in toxicological research with a common country of origin, ethnicity, or gender. The goals of these groups are to develop and conduct programs and opportunities that promote career development and recognize accomplishments of the toxicologists in each SIG. Please visit the [SOT Web site](#) for more information on SIGs and how to join. Students and postdoctoral scholars receive membership in their first SIG at **NO COST!**

JOIN A SPECIALTY SECTION

SOT has 26 Specialty Sections (SS) designed to bring together scientists of similar interests, expertise, and experience. These Specialty Sections provide an invaluable opportunity for networking and interaction with scientists and professionals from various specialties within toxicology. Specialty Sections are primary sponsors of many of the programmatic sessions during the SOT Annual Meeting. Students are encouraged to join a SS because not only can these groups provide students with opportunities for future employment and collaborations, but they also provide a platform for students to suggest scientific sessions and symposia for the Annual Meeting. Please visit the [SOT Web site](#) for more information on these SS.

Specialty Sections encourage student involvement by providing funds for competitive **student travel awards and best abstract awards** that recognize your accomplishments and hard work. Joining a Specialty Section is easy! Simply go to the SOT Web site to [renew your membership on-line](#) and indicate which Specialty Section you would like to join. You can join a SS at any time during the year. If you are not already an SOT member, [click here](#) to get information on how to become one! While student membership is a steal at \$20/year, as an extra bonus **your student membership dues for one SS per year are free!**



2011 Annual Meeting News

GET THE UP-TO-THE-MINUTE DETAILS ON THE [ANNUAL MEETING WEB SITE](#)

SIX SCIENTIFIC THEMES

The 2011 Annual Meeting will feature six scientific themes covering the following topics:

- **Global Air Quality and Human Health**
- **Novel Approaches to Preclinical Safety Assessment: Bridging the Gap between Discovery and the Clinic through Translational Toxicology**
- **Environment and Disease**
- **Toxicity Testing: State of Science and Strategy to Improve Public Health**
- **Integration of Toxicological and Epidemiological Evidence to Understand Human Risk**
- **Emerging Global Public Health Issues**

Many of the scientific sessions, including symposia, workshops, and roundtable discussions, will highlight these themes and how they relate to toxicological research. In addition, Continuing Education courses will highlight three target areas, **Epigenetic Mechanisms, Systems Biology, and Cardiovascular Toxicology**.

STUDENT AWARDS FOR 2011

SOT provides many opportunities for graduate student and postdoctoral scientists including awards for travel support, research, and recognition of outstanding achievements by young investigators. Although the deadline for national SOT and Sponsored awards was October 9, there are many Regional Chapter, Special Interest Group, and Specialty Section awards for which applications are still being accepted. A [full listing and description](#) can be found on the SOT Web site. Also see descriptions in this newsletter in the Regional Chapter, Special Interest Group, and Specialty Section updates for more information.

Student Events at the Annual Meeting

The SAC sponsors a number of [programs and events](#) among others at the SOT Annual Meeting, each designed to add to your experience. These programs, described below, are excellent venues to network with your peers and with other meeting attendees. We hope you will take advantage of these opportunities and we look forward to seeing everyone at the 2011 Annual Meeting in Washington, D.C.!

The Student Advisory Council

SAC AND PDA CO-SPONSOR A 2011 SCIENTIFIC SYMPOSIUM

The SAC and PDA will co-sponsor a symposium session at the 2011 Annual Meeting. The session, “**Developmental Exposure to Environmental Toxicants: From Persistent Toxicities to Diseases,**” fits in the SOT scientific theme “Environment and Disease.” The symposium session is co-chaired by Thomas Simones of the SAC and Michele LaMerrill of the PDA. One of the goals of this session is to highlight the scientific achievements of students and postdocs, who are the presenters, as well as contributing to the overall scientific program. The research symposium demonstrates both the breadth and the depth of the most cutting-edge research in toxicities and molecular mechanisms. Persistent and novel toxicities resulting from developmental exposures to environmental toxicants of human relevance, including halogenated hydrocarbons, metals, and phenols, will be presented in this symposium. Presentations will focus on how these exposures during development give rise to long-term adverse effects or disease outcomes in endocrine, immune, nervous, metabolic, and reproductive systems. This symposium continues our previous success as a co-sponsor of symposia at the 2009 and 2010 Annual Meetings. Please plan to attend and support the research of your student and postdoc colleagues!

LUNCH WITH AN EXPERT

The SS-GC is organizing Lunch with an Expert (LWAE). The LWAE program provides a special opportunity for small groups of students and postdoctoral scholars to meet with Associate or Full SOT member Experts to network and gain insight into the field of toxicology over an informal meal. Students and postdocs sign up for the LWAE program by indicating their interests on the LWAE registration form at the student/postdoc mixer. Student and Expert matching occurs in February based on the interests of the students and the area of expertise of the Experts. After completion of the matching, Experts will receive a contact list for three to six students and will notify them of the time and date for their meeting. Groups meet at the LWAE poster board in the Walter E. Washington Convention Center at the appointed time and then proceed to the selected spot for a meal and informal discussion. Don't miss out on this great opportunity to network.

LUNCH WITH A GRADUATE STUDENT/POSTDOC

In addition to Lunch with an Expert, the SS-GC is also organizing two similar events targeted at

both undergraduate and graduate students. Graduate students are encouraged to meet with a postdoc to facilitate the transition in this career path. Similarly, undergraduates who are curious about graduate school may meet with a graduate student to discuss admissions, mentorship, as well as the role of a graduate student working in a research lab. Sign up for both Lunch with a Postdoc and Lunch with a Graduate Student will be available at the **Student/Postdoctoral Mixer**.

STUDENT/POSTDOCTORAL MIXER

Every year the SAC hosts the **Student/Postdoctoral Mixer** for students and postdoctoral fellows to gather, meet new colleagues, and re-establish relationships in an informal atmosphere. The Mixer will be held Sunday night, **March 6, 2011**, from **8:00-9:30 PM**. This is a great opportunity to network with students from across the nation, as well as learn more about the different Regional Chapters, Special Interest Groups, and Specialty Sections of SOT. **Tickets are FREE** and can be obtained by signing up for this event when you register for the Annual Meeting. Ticket and meeting badge are required for entry. Complimentary refreshments and a cash bar will be available.

IN VITRO LECTURE AND LUNCHEON FOR STUDENTS

The annual *In Vitro* Lecture and Luncheon for Students will be held on **Monday, March 7, 2011**, at the Annual Meeting. This event, sponsored by the Colgate-Palmolive Company, provides an opportunity for students and postdocs to learn more about research methods that reduce, replace, or refine current animal-based experiments. A presentation on a topic of importance will be made, relevant questions discussed among the participants, and participants will share their responses. Tickets can be obtained by registering on the Annual Meeting registration form and paying a \$10 deposit, which will be returned to you upon entry to the event.

SOT Regional Chapter News

REGIONAL CHAPTER/SPECIAL INTEREST GROUP GRADUATE COMMITTEE OFFICERS

Ofek Bar Ilan, Chairperson

Jessica Placido, Chairperson-elect

Mike Berg, Secretary

ADVANTAGES OF BECOMING A REGIONAL CHAPTER AND NATIONAL SOT MEMBER

Being a student member at the National and Regional levels provide excellent opportunities for students to interact with other student members and toxicology experts within SOT. You are permitted access to ToXchange, the SOT On-line Job Bank, and student awards. You have the opportunity to be a part of a larger community of scientists and gain eligibility for student leadership positions. Membership within SOT gives you the opportunity to network at the National and Regional SOT meetings and facilitates communication that could open the door for new research collaborations. It's also a great way to network with future employers!

Not a Member? [Apply today!](#)

Already a student member of SOT or a RC/SIG/SS? [Renew your dues online.](#) Invite your colleagues to join SOT!

ALLEGHENY-ERIE CHAPTER

2010-2011 Student Representative: [Arpit Mehta](#)

Unfortunately, the Allegheny–Erie Society of Toxicology (A-E SOT) had to cancel the fall 2010 meeting; however a regional Spring Meeting in April 2011 is currently in planning. This meeting will provide the opportunity for students to present posters with the top poster receiving recognition. A keynote speaker has not yet been selected and will vary depending on the meeting topic selected. Updated information about the spring 2011 meeting may be found on the [A-E Web site](#). Furthermore, more information about student membership in A-E SOT can be found by contacting [Arpit Mehta](#).

CENTRAL STATES CHAPTER

2010-2011 Student Representative: [Erin Allen](#)

The Central States Chapter (CSSOT) held its annual meeting in Iowa City, IA this past November. The theme of the meeting was *Translational Toxicology*, and included presentations from Dr. Kenneth McMartin, Dr. Gabriele Ludewig, Dr. James Luyendyk, Dr. Annelise Nguyen, and Dr. Greg Oakley. The regional chapter also presented the prestigious John Doull Award to Dr. Peter Thorne, Professor and Head of the Department of Occupational and Environmental Health at the University of Iowa. Several postdoctoral fellows and graduate students were honored for their oral and poster presentations. Outstanding student poster presentation awardees were Erin Allen, David Anderson, Leena Chaudhuri, and P.K. Senthilkumar, and the best student oral presentation was given by Jong Sung Kim. The postdoctoral fellow award winners were Satoko Kakiuchi-Kiyota and Susanne Flor.

At the SOT 50th Anniversary Annual Meeting in Washington, D.C., the Central States Chapter will be hosting a luncheon for its members on **Monday, March 7 from 12:00 to 2:00 PM** at the Embassy Suites Capital Ballroom B.

For more information about becoming a member of the Central States Chapter of SOT, please visit the [CSSOT Web site](#), or contact the student representative, [Erin Allen](#).

GULF COAST CHAPTER

2010-2011 Student Representative: [Mike Berg](#)

The annual Gulf Coast Chapter of the Society of Toxicology (GCSOT) was held on October 14-15, 2010 at Baylor College of Medicine in Houston, TX. The theme of the meeting was *Fetal Basis of Adult Disease*. The keynote address was given by Kenneth Ramos (University of Louisville) which was followed by a wonderful reception and poster session. Additionally, informative presentations were given by Kjersti Aagaard-Tillery (Baylor College of Medicine),

Stephen Safe (Texas A&M University), David Williams (Oregon State University), Don Fox (University of Houston), and Thomas Gasiewicz (University of Rochester). Congratulations to Indira Jutooru (1st), Krithika Lingappan (2nd), and Lillie Robinson (3rd) who were awarded for their high quality poster presentations. Additionally, Tod Harper (1st), Kelly Scribner (2nd), and Sara Nowinski (3rd) were awarded for their platform presentations. Dr. Bhagavatula Moorthy did an excellent job heading the regional chapter meeting and awarded an impressive **eighteen travel awards** for students to attend.

A joint mixer (GCSOT and SCSOT) at the SOT 50th Anniversary Annual Meeting will be held on **Monday, March 7, 2011 at Fado Irish Pub from 5:00 to 7:00 pm**. Students are highly encouraged to attend as this social provides an excellent opportunity to make regional connections and explore future career opportunities!

Membership in GCSOT is available to any person having a professional interest in Toxicology, including students who attend area colleges. Benefits of GCSOT membership include the ability to compete for poster and presentation awards at the regional meeting held every fall. Student membership costs only \$10 and provides an excellent regional resource. Additional membership information can be found on the [GCSOT Membership Web site](#).

For more information about the GCSOT, please visit the newly updated [GCSOT Web site](#) or contact [Mike Berg](#).

MICHIGAN CHAPTER

2010-2011 Student Representative: [Kevin Beggs](#)

The Michigan Regional Chapter for the Society of Toxicology (MISOT) held its fall meeting in East Lansing, MI. The topic of the meeting was titled *The Developmental Origins of Disease-Emerging Mechanistic Knowledge*. Speakers at this meeting included Dr. Vasantha Padmanabhan, from the University of Michigan, who talked about “Developmental reprogramming of reproductive and metabolic deficits”; Dr. Reza Rasoulpour, from Dow Chemical Company, who spoke on “The role of epigenetics in chemical safety assessment”; Dr. Enrique Ostrea of Wayne State University, who will presented a talk entitled “Fetal exposure to environmental pesticides and effect on neurodevelopmental outcome of children”; and Dr. Jason Knott (Michigan State University), who talked about the “Critical role for Brg1 in embryo development and stem cell pluripotency”.

The next MISOT meeting will be held at MPI research in Kalamazoo, MI on Friday, May 20, 2011. This meeting will mark the 30th anniversary for MISOT, which was established in 1981. The meeting will focus on advances in immunotoxicology and understanding the immunologic basis of disease. Confirmed guest speakers include Dr. Michael Holsapple and Dr. Norbert Kaminski.

Student and postdoctoral fellows might be interested to know that new to this spring’s meeting will be the opportunity to give a 20 minute presentation of your own. Anyone interested in giving a platform presentation is invited to submit an abstract to [Dr. Robert Ellis-Hutchings](#) with the term “platform” in the subject heading. The submission deadline is March 31st, and the selected speakers will be announced in mid-April. This meeting will also offer lunch with an expert for anyone interested.

For more information related to the MISOT chapter, membership and MISOT regional meetings, please visit the [MISOT Web site](#) or email the [Kevin Beggs](#).

MID-ATLANTIC CHAPTER

2010-2011 Student Representative: [Josephine Boventre](#)

The Mid-Atlantic Regional Chapter (MASOT) held their fall meeting on November 2, 2010 at the Rutgers EcoComplex in Bordentown, NJ. The theme of the meeting was *Epigenetics: Toxic Responses and Disease*, and its aim was to discuss toxicology in light of recent advances in epigenetic research. The introductory talk on “Epigenetics and toxicology in the 21st century” was given by Dr. Randy Jirtle of Duke University. Dr. Karen Augustine, of Bristol-Myers Squibb, presented on the “Current state of the science and perspectives on future applications to safety assessment” from a pharmaceutical perspective. Dr. Delores Lamb of Baylor College of Medicine discussed “Genetics/epigenetics: Towards a personalized solution for medicine”. Dr. Max Costa of NYU Medical Center presented his current work on “Nickel-induced cell transformation results in distinct epigenetic gene expression programs”. Finally, a report on the “Legal and ethical implications of epigenetics” was given by Mark Rothstein, J.D., of University of Louisville.

New to the fall meeting this year was a program for the MASOT students and Postdocs entitled “Nailing the Job interview”. It involved mock interviews of the MASOT student representatives, Josephine A. Bonventre and Nicole Olgun, by two members of the MASOT council, Dr. Janet Gould and Dr. Anthony Schatz. The interviews were meant to represent the very best and very worst performances possible in an interview scenario in order to direct discussion on how one may best present oneself at a job interview. It was a huge hit, and Josephine and Nicole would like to thank everyone involved for their enthusiasm in the program and the forgiveness of their acting skills.

The National SOT Meeting is in our backyard this year in Washington, D.C., which hopefully means a big MASOT student showing. Please attend the Student/Postdoc mixer scheduled for Sunday night as it is an excellent opportunity to meet and greet students from across the country - our toxicological peers for the future. If you have any questions or if you are interested in becoming involved in MASOT, please feel free to contact our graduate student representative [Josephine A. Bonventre](#) or visit the [MASOT Web site](#). See you in D.C.!

MIDWEST CHAPTER

2010-2011 Student Representative: [Tammy Elmergreen](#)

Last fall, the Midwest Regional Chapter (MRCOSOT) held a meeting at Eli Lilly Company in Indianapolis. The meeting focused on *Investigative Toxicology: Concepts and Applications* and provided a great opportunity for students and chapter members alike to discuss new concepts in toxicology and catch-up with chapter members.

The upcoming Midwest Regional Chapter meeting of SOT will be held May 20, 2011 at the Marriot Resort in Lincolnshire, IL. The topic for the meeting will focus on *Large Molecule*

Therapies and Applied Pharmaceutical Toxicology. More details will be available soon on the [MRCST Web site](#).

Several student awards will be presented at the spring meeting, including “Most Innovative Research” and “Best Poster Presentation.” Students are encouraged to submit abstracts for both the Young Investigator award and poster presentations. Abstracts and applications for the Victor A. Drill poster award and the Young Investigator Award are due April 1. Last year, the Young Investigator Award was presented to Amy Irving of the University of Wisconsin-Madison for her research proposal. She will give a 15 minute presentation on her research at the upcoming meeting. Forms and more details can be found on the [MRCST Web site](#).

The Midwest Regional Chapter of the SOT encompasses toxicologists in Illinois, Wisconsin and Northwestern Indiana. Any student who is currently a member of SOT is highly encouraged to become a member of the regional chapter. Benefits to becoming a member include diverse networking opportunities within academics and industry, the opportunity to present your research to other scientists (with the potential for future collaborations), as well as access to several travel or research awards.

For more information related to the MRCST chapter and MRCST regional meetings, please contact your graduate student representative, [Tammy Elmergreen](#).

MOUNTAIN WEST CHAPTER

2010-2011 Student Representatives: [Chad Brocker](#) (Senior Representative)

Gabriel Knudsen (Junior Representative)

The Mountain West Society of Toxicology Chapter will hold a joint reception with the Southern California Chapter at the SOT 50th Anniversary Annual Meeting Washington, D.C. The agenda will include announcing new officers from the most recent election, as well as discussing plans for our fall regional meeting, which will be held in Colorado. The **Student/Postdoctoral Mixer** at the SOT Annual Meeting provides students with a great opportunity to discuss their progress and catch-up with other chapter members.

The Mountain West Regional Chapter of the SOT encompasses the states of Arizona, Colorado, Utah, Southern Idaho, Nevada, New Mexico, and Wyoming. Any student who is currently an SOT member and attends an institution within the chapter’s region is strongly encouraged to become a member of MWSOT. Benefits include excellent networking opportunities within academics and industry, meeting future colleagues and collaborators, and the chance to present and discuss your research with practicing toxicologists and scientists from a wide range of disciplines. For more information related to the MWSOT chapter and MWSOT regional meetings, please contact either of the graduate student representatives, [Chad Brocker](#) or [Gabriel Knudsen](#). Additional information can be found at the [MWSOT Web site](#)

NATIONAL CAPITOL AREA CHAPTER

2010-2011 Student Representative: [Colleen McLaughlin](#)

The NCAC fall 2010 symposium entitled *Food Safety - From Farm to Table* was a great success. The spring symposium will be held on April 19th in the Lister Hill Auditorium at the National Institutes of Health. The topic will be *Current Trends in the Use of Non-Animal Data for Risk Assessment*. A student poster session and competition will be held; more details to come through NCAC announcements and our Web site (below).

Joining NCAC as a student only costs \$10 and gives you the opportunity to apply for NCAC awards and network with professionals from EPA, FDA, academia, and industry. I highly encourage you to join. For more information, visit the [NCAC Web site](#) or contact [Colleen McLaughlin](#).

NORTH CAROLINA AREA CHAPTER

2010-2011 Student Representative: [Katie Paul](#)

The fall NCSOT Meeting (October 7, 2010), *Bioengineered Cellular and Animal Models for Toxicology*, was held at the NIEHS in Research Triangle Park, NC, and included seminars by guest speakers Drs. Victor Garcia (UNC) and Pedro Baptista (Wake Forest). The meeting also featured the popular student and post-doctoral luncheon, followed by a career panel session where students were encouraged to ask questions pertaining to industry, academic, and government careers in toxicology.

The spring NCSOT Meeting, *Nanoparticles: Good and Bad*, was held on February 17, 2011, at the US Environmental Protection Agency in Research Triangle Park, NC, and featured talks by Drs. Nigel Walker (NTP, NIEHS), Jared Brown (East Carolina University), and William Zamboni (UNC Chapel Hill). A highlight of the meeting was a student poster session with awards for the best poster presentations; students were encouraged to test out posters before the SOT Annual Meeting in Washington, D.C.!

Student membership is inexpensive, looks great on a CV, and provides access to toxicology professionals throughout the state! The NCSOT chapter is especially active and has students participating from UNC, NC State, Duke, East Carolina University, Wake Forest, and other universities around the state. Membership is open to all graduate students as well as undergraduates studying in the field of toxicology or related fields. If you would like to become a member any time of the year (\$5), please visit the [NCSOT Web site](#). Students also receive membership to one specialty/regional/special interest group free when they renew SOT membership. Please contact [Katie Paul](#) with any questions!

NORTHERN CALIFORNIA CHAPTER

2010-2011 Student Representative: [Heather Bolstad](#)

NorCal SOT hosted a fall symposium entitled *Advances in Predictive and Investigative Toxicology* on November 4, 2010, at Genentech. The event was a huge success, featuring a poster session, a Lunch with an Expert program, and seven fabulous guest speakers, including SOT President Michael Holsapple.

Other recent events hosted by NorCal SOT include a Career Workshop at UC Davis and a Career Social Brunch in San Mateo. The Career Workshop was held on January 20, 2011, and included a panel of six veteran toxicologists. After the panelists presented, the 79 students in attendance had an opportunity to interact with the panelists and ten other toxicology professionals. The Career Social Brunch, held October 30, 2010, was just as popular as the Career Workshop, with the attendees packing the restaurant. The brunch was the first of what NorCal SOT hopes will be a number of "Career Building Social" programs, meant to extend NorCal's education outreach efforts and connect students, postdocs, and young scientists with veteran toxicologists.

All SOT Annual Meeting attendees from Northern California are cordially invited to attend the NorCal SOT reception on Monday, **March 7, 6:30 to 8:30 PM**, at District ChopHouse & Brewery (509 7th Street, NW, just 1/2 block from the Verizon Center and Gallery Place/Chinatown Metro).

NorCal SOT will hold its spring Meeting on April 13, 2011 at Berkeley City Club. The morning will feature presentations on current toxicology topics -- from applying systems biology approaches in safety assessment to the latest news from the chemical industry. The afternoon session will focus on mitochondrial dysfunction and its related issues (aging, renal toxicity, neurotoxicity).

Membership is free for students and provides direct access to information concerning NorCal events. Students may join NorCal SOT when they join national SOT on the SOT Web site, or may fill out a [membership application](#) and send it to the NorCal SOT Treasurer, [Karen Riveles](#). Feel free to visit the [NorCal SOT website](#) or contact NorCal's Student Representative, [Heather Bolstad](#) for more information.

NORTHLAND CHAPTER

2010-2011 Student Representative: [Sarah Skolness](#)

The Northland regional chapter of SOT (NLSOT) held its last meeting this fall at the Minnesota Department of Health in St. Paul, MN. The topic of the meeting was entitled *Toxicology Testing: Alternatives for the 21st Century*. Speakers at this meeting included our keynote speaker Dr. Melvin E. Andersen, with The Hamner Institutes for Health Sciences, who talked about "Advancing Toxicity Testing Methods for the 21st Century" on the future of toxicity testing, hazard assessment, and risk assessment. This was well-complemented by presentations from Dr. James M. McKim, CeeTox, Inc., who spoke on "*In Vitro* Alternatives to *In Vivo* Toxicity Testing"; Dr. David J. Dix, National Center for Computational Toxicology, U.S. EPA, who spoke on "High-Throughput Screening for Hazard and Risk of Environmental Contaminants"; Dr. Michael W. Hornung, Mid-Continent Ecology Division Laboratory, U.S. EPA, who spoke on "Adverse Outcome Pathways in Ecotoxicology Research"; and Ms. Jessica Sandler, with the People for the Ethical Treatment of Animals speaking on "Toxicology Testing: An Animal Rights Perspective". In addition, NLSOT was pleased to have Ms. Melissa Maurer-Jones, a graduate student at the University of Minnesota, speak on her dissertation research regarding the toxicity of titanium dioxide nanoparticles in cultured mast cells.

The spring 2011 NLSOT meeting is still to be determined. For more information about the next Northland Regional Chapter of SOT meeting, membership or chapter, please visit the [NLSOT Web site](#) or email [Sarah Skolness](#).

OHIO VALLEY CHAPTER

2010-2011 Student Representative: [Richard Salisbury](#)

An Ohio Valley Society of Toxicology (OVSOT) recent gathering was the 2010 OVSOT Student Meeting. The event was held at Wright State University in Dayton, OH, on Friday July 9, 2010. There were a total of 35 people who attended the event throughout the day, with nine student presentations.

The most recent OVSOT Meeting was held on September 24, 2010, at the University of Cincinnati's Kettering Laboratory Complex located in Cincinnati, OH. The keynote speaker was Dr. Shuk-mei Ho, Professor and Chair, from the University of Cincinnati, Department of Environmental Health, providing a platform presentation titled "Transplacental PAH Induces Methylation Changes in Asthma-Related Genes of Offspring." Students presented their research both in platform presentations and poster sessions. Monetary awards for the Best Ph.D. Student Platform and Best Student Poster Presentations were given. If you are interested in joining OVSOT, please visit [our Web site](#) at and fill out an application. If you have any questions or comments, please contact our graduate student representative.

PACIFIC NORTHWEST CHAPTER

2010-2011 Student Representative: [Chad Weldy](#)

The Pacific Northwest Association of Toxicologists (PANWAT) held its 2010 annual meeting from October 14-16 in Corvallis, OR at Oregon State University's LaSelles Seward Center, celebrating its 25th anniversary. The title of the meeting was *Integrative Toxicity Test Methods to Improve Hazard Identification* and among many fantastic platform presentations, highlighted presentations were given by Dr. Elizabeth Walker (Director, Predictive Safety Testing Consortium, Critical Path Institute), Dr. Robert Tanguay (Associate Professor, Director of the NIEHS Toxicology Training Grant, Department of Environmental and Molecular Toxicology, Oregon State University), and Dr. Bill Stubblefield (Associate Professor, Department of Environmental and Molecular Toxicology, Oregon State University). There were also many outstanding student platform presentations that emphasized the strength in student research in the Northwest Region. 1st-3rd Place awards and cash prizes were given to both student platform presentations as well as poster presentations. In addition, PANWAT presented its first annual Toxicology Achievement Award to Dr. James Woods, Professor Emeritus at the University of Washington. Dr. Woods gave an inspirational keynote address on his primary research findings over his tenured research career, highlighting the importance of collaboration to help him reach success.

In concert with its meeting, PANWAT held its first annual "Work Shadow Program," available to all students and postdocs in the region. This program was highly successful, with over twenty students from five institutions individually shadowing toxicologists in the region at their workplace for an afternoon. Following a day of shadowing, all participants met socially in Corvallis to socialize and talk about their shadowing experiences. Students felt that this was an excellent opportunity and it highlights the community feel of toxicologists in the region.

We are all looking forward to the next PANWAT meeting that will be held this fall at the Bonneville Hot Springs Resort and Spa just outside of Portland, OR. For more information,

please visit the [PANWAT Web site](#). For any questions about student involvement or if you wish to become a member of PANWAT, please contact the student representative: [Chad Weldy](#).

SOUTH CENTRAL CHAPTER

2010-2011 Student Representative: [James Kleinedler](#)

The recent 2010 South Central Chapter fall meeting was a success with fifty-three registrants! The meeting was held at Mississippi State University's College of Veterinary Medicine on October 14 and 15. Awardees included: Best undergraduate poster – Jalissa Wynder (Southern U-BR); Best graduate poster – Greg Landry and Delira Robbins (LSUHSCS); Best postdoc poster – Wei Tan (MSU); and Best platform presentation – Jim Kleinedler (LSUHSCS). A special thanks to everyone who was involved in making this meeting a great forum to share ideas and network with Chapter members.

The upcoming South Central Chapter event will be held at the SOT 50th Anniversary Annual Meeting in Washington, D.C. The South Central Chapter will be holding a joint reception with the Gulf Coast Chapter at Fado's Irish Pub **on Monday, March 7, from 5:00 to 7:00 PM**. All members are encouraged to attend.

The South Central Chapter of the SOT encompasses the states of Arkansas, Louisiana, Mississippi, Oklahoma, and western Tennessee. Established in 1982, the Chapter's mission is to foster scientific exchange among those in the region involved in toxicological research and teaching plus its application to human and environmental risk assessment. Any student who is currently an SOT member and attends an institution within the chapter's region is strongly encouraged to become a member of SCCSOT. One of the benefits of joining the SCCSOT is the chance to interact with toxicologists in academia, government, and industry. Our enrollment includes twenty-eight student members, nine government members, and fifteen members in industry.

For more information related to the SCCSOT chapter and SCCSOT regional meetings, please contact the graduate student representative [Jim Kleinedler](#).

SOUTHERN CALIFORNIA CHAPTER

2010-2011 Student Representative: [Parissa Solaimani](#)

The fall Southern California Regional Chapter of the Society of Toxicology (SCCSOT) meeting was held October 8, 2010 at the Grand Horizon Room of Covel Commons on the University of California Los Angeles (UCLA) campus. The theme for this meeting was *Advancing the Science of Carcinogenic Risk Assessment* which brought speakers from a wide range of fields including academia, industry, and consultant scientists. These speakers brought expert knowledge on traditional and cutting edge technologies in the field. Three students with excellent presentations were awarded based on scientific merit: Ashley Swanson (\$500 – First Prize); Ilona Bebenek (\$250 – Second Prize); and Ciara Remillard (\$100 – Thrid Prize).

Membership for the Southern California Regional Chapter of SOT remains the only dues-free membership and any student who is currently an SOT member is strongly encouraged to become a member of SCCSOT. Benefits include excellent networking opportunities in a wide range of disciplines, meeting future colleagues and collaborators, and the chance to present and discuss your research for a monetary cash prize at the annual meeting. Please visit the [SCCSOT Web site](#) for more information on SCCSOT membership or for the next annual fall meeting. Questions can also be directed to the current student representation [Parrisa Solaimani](#).

The Southern California Chapter will hold a joint meeting with the Mountain West Regional Chapter at the SOT 50th Anniversary Annual Meeting Washington, D.C. The meeting will be held at Regional Food and Drink (810 7th St N.W) **on Monday, March 7 from 6:00 to 7:30 PM**. This will provide an excellent opportunity for students to meet or catch-up with chapter members and everyone is encouraged to attend.

SOUTHEASTERN REGIONAL CHAPTER

2009-2010 Student Representative: [Marie Bourgeois](#)

The Southeastern Regional Chapter for the Society of Toxicology (SESOT) held its most recent meeting this fall in Athens, GA. The meeting theme of “Mechanisms in Toxicology” was highlighted by four keynote speakers. Dr. Cheryl Walker, MD Anderson Cancer Center, opened the scientific program with a talk on the effects environmental estrogens have on reprogramming of the epigenome during development. Dr. Randy Jirtle, Duke University Medical Center, followed, and spoke on how epigenetic and genomic imprinting impacts human health and risk assessment. Current findings using *C. elegans* to study manganese-induced neurodegeneration were explained by Dr. Michael Ashner, Vanderbilt University. Finally, Dr. Harvey Clewell, The Hamner Institute for Health Sciences, discussed the use of genomic data to inform the mode of action for carcinogenicity.

First place in the student platform presentation was a tie between Margaret Sights, Furman University, and Justin Schwartz, Medical University of South Carolina. For the postdoc platform presentation, first place went to Lauren Wills, Medical University of South Carolina and second place to James Roede, Emory University. First place to a student poster went to Shuo Xiao, University of Georgia, second place was won by Xiuoling Zhang, University of Georgia, and third place went to Janet Saunders, Medical University of South Carolina. Finally, the postdoc poster winner was Nicholas Zitomer, US Department of Agriculture.

Future events planned by the chapter include a reception in Washington, D.C. during the SOT 50th Anniversary Annual Meeting, and the annual chapter meeting in the fall of 2011 at Auburn University. All interested individuals are welcome to both events – keep a watch for details.

For more information related to the SESOT chapter, membership and SESOT regional meetings, please visit the [SESOT Web site](#) or email [Marie Bourgeois](#).

Special Interest Group News

AMERICAN ASSOCIATION OF CHINESE TOXICOLOGY

2010-2011 Student Representative: [Li Xu](#)

The American Association of Chinese in Toxicology (AACT) was established in 2004 and joined the Society of Toxicology Special Interest Groups (SOT-SIG) in 2007. AACT is an organization that is dedicated to foster interactions among professionals of Chinese ethnic background and bridges the toxicological sciences between the Eastern and the Western world.

Through exchange information among members in education, technology, employment or business opportunities, AACT keep working on facilitation of collaboration in toxicology-related activities between Chinese scientists or organization in the U.S. and abroad. Additionally, AACT is vigorously involved in the activities of SOT by sponsoring SOT Annual Meeting programs and participating in the assembly of SOT committees. Members of AACT receive newsletter and announcement. Moreover, AACT organize business meeting and reception every year. More than one hundred members attended the reception in the last few years. The next one will be held at the SOT 50th Anniversary Annual Meeting in Washington, D.C.

AACT is pleasure to provide three Charles River Best Abstracts Award for the SOT 50th Anniversary Annual Meeting. The winners of 2011 Best Abstracts will be announced at the meeting. The winners of last year were Zhiying Ji, Xueqian (Shirley) Wang, and Xiaochu Zhang.

AACT strongly encourage all eligible SOT members to join us. As a student member, you can receive a free membership in SIG. You can join AACT at any time of the year at the [SOT membership webpage](#) or contact the student representative [Li Xu](#). Please visit the [AACT Web site](#) for more information.

HISPANIC ORGANIZATION OF TOXICOLOGISTS

2010-2011 Student Representative: [Jose A. Torres](#)

The Hispanic Organization of Toxicologists (HOT) was founded in 2004 and became a Special Interest Group in the Society of Toxicology in 2006. It is an organization composed of professionals of Hispanic origin with expertise in scientific areas associated with Toxicology. It serves as a focal point for interaction among Hispanic Toxicologists in the United States and the international Spanish and Portuguese-speaking scientific communities, with emphasis in outreach to Hispanic populations.

HOT develops and conducts programs and educational activities relevant to the Hispanic community. Furthermore, we assist SOT Council by providing ideas and mechanisms to enhance the development of Hispanic toxicology members. Members of HOT receive

Toxenlaces newsletters and announcements. Furthermore, HOT enhances and advances the professional development of Hispanic toxicologists by several means including:

- Sharing of information about research funding sources
- Providing opportunities and mentoring to trainees and junior scientists
- Enhancing collaboration among Hispanic toxicologists
- Providing a forum at the SOT Annual Meeting for Hispanic minority researchers
- Providing travels awards for the SOT Annual Meeting

HOT was pleased to provide three travel student awards for the 2010 SOT Annual Meeting. The winners were Jorge Muñiz Ortiz, Laura Arreola, and Patricia Espiritu. Awards were sponsored by Battelle, Veritox, and Ingenieros Lemus of Mexico.

HOT is actively recruiting outstanding Hispanic students and postdoctoral trainees working in toxicology-related fields to increase its membership base. If you or someone you know would like to join or gather more information please visit [our Web site](#) or contact our graduate student representative.

ASSOCIATION OF SCIENTISTS OF INDIAN ORIGIN IN AMERICA

2010-2011 Student Representative: [Senthilkumar Perumal Kuppusamy](#)

The Association of Scientist of Indian Origin-Society of Toxicology (ASIO-SOT) was founded in the mid 1970s. The mission of ASIOA-SOT is to enhance collegiality, fellowship, networking and professional development among scientists of Indian origin living in North America. The members meet every year at the SOT Annual Meeting and/or otherwise keep in contact with each other through networking and newsletters in order to facilitate and augment professional development individually and collectively.

Apart from creating a platform for scientific discussion, ASIOA-SOT also recognizes graduate students for their excellent research by providing awards and fellowships both to students in the U.S. and India. This year a total of four awards to students from North American and one award to a student from India will be awarded. All these awards are made possible by endowment funds, namely the Dr. Harihara Mehendale Graduate Student Best Abstract Award, the Dr. Laxman Desai Graduate Student Best Abstract Award and the Association of Scientists of Indian Origin SIG Young Investigator International Travel Award

Members of ASIO receive ASIO newsletter three to four times a year. ASIO works with SOT to increase its membership as well as SOT's. Students who are a member of SOT can become member of this Special Interest Group without charge (if it is their first Special Interest Group) or may join at the cost of \$15 each per year. If you are interested in actively involved in ASIO, please visit the [ASIO Web site](#) or email [Senthilkumar PK](#).

WOMEN IN TOXICOLOGY

2010-2011 Student Representative: [Jennifer Head](#)

The Women in Toxicology (WIT) Special Interest Group was established in 2001 and since that time has been dedicated to providing its members with a variety of services and opportunities. Of the many goals of WIT, some of our main objectives include providing women with the skills and opportunities to develop their careers in toxicology as well as foster mentoring relationships to retain as well as recruit women into the field of toxicology.

WIT is proud and honored to recognize the achievements made by its members, including students and postdoctoral fellows. Each year WIT gives out two awards to its student members: The Graduate Student Award, for demonstrating excellence in the field of toxicology; and the Vera W. Hudson and Elizabeth K. Weisburger Scholarship Fund Student Award, for not only demonstrating excellence in the field of toxicology, but also for providing leadership and service in their chosen field and/or community. WIT also gives out a Postdoctoral Achievement award to recognize the achievements of our post-doctoral members as well.

WIT is always looking for new members and encourages any interested students to join! To find out more information about our SIG, please visit the [WIT webpage](#). To inquire about joining WIT, please contact [Kimberly von Brook](#).

TOXICOLOGISTS OF AFRICAN ORIGIN

2010-2011 Student Representative: [Afeseh Hilary](#)

The Toxicologists of African Origin (TAO) is a Special Interest Group (SIG) of SOT, which was officially inaugurated at the 2008 SOT Meeting in Seattle, WA.

The objectives of TAO include, but are not limited:

1. To promote career development opportunities for toxicologists of African origin, and to increase the recruitment and retention of Africans, African Americans, and any individuals of African origin entering the profession of toxicological sciences;
2. To promote information exchange, collegiality and networking among toxicologists and related professionals of African origin; and to recognize the accomplishments of toxicologists of African origin;
3. To propose, develop, and sponsor scientific and educational programs including symposia, workshops, poster and platform sessions, continuing education classes and informational sessions on current scientific and policy issues that are relevant to populations of African origin;
4. To enhance focus within the Society of Toxicology on environmental and public health issues relevant to populations of African origin;
5. To act as the Society's liaison to other organizations on toxicological issues that are relevant to populations of African origin.

TAO has collaborated with The African Society for Toxicological Sciences (ASTS) to facilitate the attendance of three African scientist travel awardees in the upcoming SOT 50th Anniversary Annual Meeting.

TAO is actively recruiting students and postdoctoral trainees working in areas related to toxicology to increase its membership. If you or somebody you know would like to join or gather more information, please visit the [TAO membership Web site](#) or contact TAO student representative [Hilary Afeseh Ngwa](#). We also encourage participation on [ToXchange](#) to foster interaction, sharing of ideas and getting to know each other better. We do have some interesting and important threads of discussion going on.

The TAO Reception at the SOT 50th Anniversary Annual Meeting will be on **Monday, March 7 from 6:00 PM to 8:00 PM** at Capital Ballroom B, Embassy Suites 900 10th Street NW Washington, D.C. 20001.

KOREAN TOXICOLOGISTS ASSOCIATION IN AMERICA

2010-2011 Student Representative: [Narae Lee](#)

The Korean Toxicologists Association in America (KTAA) had been in the existence since the 1980s, and joined the Special Interest Group (SIG) of the SOT in 2006. KTAA 2010–2011 Officers are composed by President Dr. Woon-Gye Chung, Vice President Dr. Sang-Tae Kim, Secretary/Treasurer Dr. James H. Kim, Past President Dr. Ji-Eun Lee, Councilor Dr. Jin Ho Chung, and Student Representative Narae Lee.

The mission of the KTAA is:

- 1) Promoting collaboration in toxicological research and applicable questions among Korean community
- 2) Providing networking opportunities among professionals with Korean heritage who are engaged in toxicological science and related fields
- 3) Recognizing the accomplishment and promoting career development opportunities for toxicologists with Korean heritage.
- 4) Providing education opportunities and mentoring to trainees and graduate students
- 5) Offering graduate student scholarship to Korean student SOT members

Korean Toxicologists Association in America SIG Young Soo Choi Student Scholarship Award - The Young Soo Choi Student Scholarship Fund proceeds will be used to provide a scholarship for graduate training in toxicology to a Korean student.

Applicants for the Scholarship shall be Korean individuals (having been born in Korea or, if born in the United States, having one or more parents of Korean descent). Full applications should be submitted as an e-mail (titled as KTAA SIG Choi Award application) to [Sang-Tae Kim](#).

**REGIONAL CHAPTER AND SPECIAL INTEREST GROUP GRADUATE COMMITTEE
REPRESENTATIVES**

REGIONAL CHAPTER	REPRESENTATIVE	E-MAIL
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Southeastern	Marie Bourgeois	mbourgeo@health.usf.edu
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Association of Scientists of Indian Origin	Sentil Perumal Kuppusamy	senthil-kumar-pk@uiowa.edu
Hispanic Organization for Toxicologists	Jose Torres	torresja@tsu.edu
Korean Toxicologists Association in America	Narae Lee	nlee8@wisc.edu
Toxicologists of African Origin	Afeseh Hilary	nhafeseh@iastate.edu
Women in Toxicology	Jennifer Head	Jennifer_Head@urmc.rochester.edu
Council Liaison	Donald Fox	dfox@optometry.uh.edu
SOT Staff	David Rosse	davidr@toxicology.org

Specialty Section News

SPECIALTY SECTION GRADUATE COMMITTEE OFFICERS

Thomas Simones, Chairperson

Michael Borland, Secretary

BIOLOGICAL MODELING

2010-2011 Student Representative: [Christopher Carosino](#)

The Biological Modeling Specialty Section (BMSS) is a collection of scientists from industry, academia, and regulatory agencies who are dedicated to advancing the use of biologically based mathematical models in the analysis and interpretation of toxicological data. These models support the mechanistic understanding of the events leading to adverse outcomes, and help reduce uncertainty in quantitative risk assessments.

The BMSS offers its members an active and engaging forum to network, learn about on-going activities, collaborate with BMSS or other specialty section colleagues, develop educational programs, and enhance the use of biological models in research and risk assessment.

Students are especially encouraged to join BMSS to learn more about the challenges, accomplishments, and latest advances in the rapidly growing field of biologically based mathematical modeling. Every year the BMSS awards the Perry J. Gehring Student Award for Excellence in Biological Modeling. The award includes an inscribed plaque with the student's name and cash award (\$500 to-date), which is awarded at the BMSS reception during the annual SOT meeting. Students may submit their accepted SOT abstracts for consideration for the Perry J. Gehring Student Award before January 15 for consideration in that year. Research areas of interest include all aspects of biologically based modeling and simulation. For more information about the Biological Modeling Specialty Section and on applying for Perry J. Gehring Student Award (including past winners), go to the [BMSS Web site](#) or contact the BMSS student representative.

2011 Annual Meeting Sponsored Sessions: PBPK Model Use in Risk Assessment: Why Being Published is Not Enough

BIOTECHNOLOGY

2010-2011 Student Representative: [Fanny Casado](#)

The mission of the Biotechnology Specialty Section (BTSS) is to create a forum for all SOT members interested in biotechnology, including those working in academia, government, regulatory organizations such as FDA and EPA, industrial areas such as agriculture,

environmental health and sciences, chemical and products and biopharmaceuticals and, for students and post-docs pursuing a specific area of biotechnology and aiming for a better understanding of biotechnology.

The objectives of BTSS are to serve as the focal point for interaction of members of the SOT interested in biotechnology; to foster the evolution of scientifically relevant approaches to and interpretation of toxicological aspects that are unique to biotechnology-derived products; to develop, propose, and conduct a variety of cutting-edge programs and educational activities that emphasize the latest developments and issues in biotechnology; and to relate the developments in biotechnology to the activities of the SOT and to the toxicology/environmental health sciences community-at-large; to facilitate education and discussion of, and the generation of position papers and review articles on, key issues in the rapidly evolving biotechnology landscape; and to act as a resource not only to the SOT but broadly at the national and international level in the area of biotechnology.

There are two awards of special interest to students and post-docs: The BTSS Student Achievement Award is presented to a graduate student in good standing who must attend and present an abstract/poster at the SOT Annual Meeting. The BTSS Best Paper Award recognizes the authors of the best paper in the area of biotechnology, published in a peer-reviewed scientific journal between January 1 and December 1 of the year preceding the SOT Annual Meeting at which the award is presented. The BTSS 2011 award winners will be presented at the BTSS reception during the SOT 50th Anniversary Annual Meeting.

For more information about awards and becoming a member, contact the student representative [Fanny Casado](#) or check the [BTSS Web site](#).

2011 Annual Meeting Sponsored Sessions: Current Uses and Understanding of the Tissue Cross Reactivity Assay; Risk Assessment for Proteins Introduced into Genetically Modified Crops.

CARCINOGENESIS

2010-2011 Student Representative: [Michael Borland](#)

The Carcinogenesis Specialty Section (CSS) is a diverse group of more than 250 members of SOT that includes scientists from academia, industry, and government. Our areas of expertise are widely varied and include biotechnology, basic science research, environmental health, pharmaceutical applications, and food safety. The CSS sponsors many symposia, workshops, and meetings at the SOT Annual Meeting to provide opportunities for continuing education, networking, scientific discussion, and the presentation of cutting edge research. Those researchers investigating aspects of carcinogenesis are encouraged to join CSS and participate in this active specialty section.

Student and postdoctoral membership in CSS provides opportunities for participation within SOT, including networking, award recognition, and leadership development. We encourage all graduate students and postdoctoral fellows to submit their abstracts for CSS competitive awards. The top graduate student abstract is chosen as the Dharm V. Singh Endowment

Award. Second, third, and fourth prize student winners are also chosen. A Postdoctoral Abstract Award (1st prize only) winner will also be recognized by CSS. All winners receive a plaque and cash award, as well as recognition at the CSS reception held at the SOT 50th Anniversary Annual Meeting. The Dharm V. Singh and Postdoctoral winners are also invited to serve as the SOT student and postdoctoral representatives for CSS. For more information about CSS membership, activities, or award opportunities, please visit the [CSS Web site](#) or contact your student representative [Michael Borland](#).

2011 Annual Meeting Sponsored Sessions: Using Mode of Action Data to Guide Quantitative Cancer Risk Assessment: A Case Study of Hexavalent Chromium in Drinking Water

CARDIOVASCULAR TOXICOLOGY

2010-2011 Student Representative: *To be determined*

The Cardiovascular Toxicology Specialty Section (CVTSS) was established to unite and support scientists and students alike in their common endeavors associated with cardiovascular toxicology research. The success of the CVTSS is critically dependent upon the mutual participation of scientists from academia, government, industry, and the private sector. We believe that this interaction will produce the greatest amount of cross-fertilization and ultimate success of the CVTSS on numerous levels.

If you are not a member of CVTSS and conduct research related to cardiovascular toxicology, we urge you to join one of the newest and fastest growing specialty sections in the Society of Toxicology! Joining is inexpensive and can be done [online](#).

COMPARATIVE & VETERINARY

2010-2011 Student Representative: *Jingtao Lu*

The objectives of the Comparative and Veterinary Specialty Section (CVSS) are to 1) promote the diverse application of *in vivo* animal models in toxicologic research, comparative and clinical toxicology, and environmental toxicology, and to explore effects of animal disease, nutrition, and other physiological confounding factors that affect toxic endpoints; 2) serve as the focal point for interaction of members of SOT who are interested in veterinary toxicology and in the use of *in vivo* animal models in toxicology; 3) conduct cutting edge programs and educational activities which emphasize current developments and issues of interest to CVSS members, relate those developments to the activities of SOT, and stimulate interest and growth in use of *in vivo* models and veterinary toxicology in relation to the general science of toxicology; and 4) act as a resource to the Society in the area of veterinary toxicology and *in vivo* animal models.

CVSS encourages student membership and offers a Graduate Student Award for an outstanding poster presentation at the SOT 50th Anniversary Annual Meeting. For questions and submissions, please visit the [CVSS Web site](#).

DERMAL TOXICOLOGY

2010-2011 Student Representative: [Gayatri Sankaran](#)

The Dermal Toxicology Specialty Section (DTSS) serves to stimulate growth in the science of dermal toxicology and facilitate interaction between diverse researchers in this field. Members within this Specialty Section conduct research in many diverse areas including toxicology, pharmacology, oncology, risk assessment, pharmacokinetics, dermal penetration/ absorption, hypersensitivity and dermal toxicity. DTSS members include leaders in academia, government and industry participating in our Specialty Section. The DTSS meeting is held every year during the SOT Annual Meeting. Membership with DTSS also provides the opportunity to network with leaders in Dermal Toxicology.

The Student/Postdoc Mixer will be held **Sunday, March 6, 2011 from 8:00 to 9:30 PM** during the SOT 50th Anniversary Annual Meeting. There will be a historical poster on dermal toxicology. Pamphlets will also be distributed with information about how student/postdoc members can join DTSS and benefits of DTSS membership. Anyone interested in joining should attend the DTSS reception **Sunday, March 6, from 6:00 to 8:00 PM** to gain insight into the benefits of membership and to network with other members. DTSS strongly encourages any student or post doc interested in or currently conducting research in dermal toxicology to join DTSS and discover what our Specialty Section can offer.

The Dermal Toxicology Specialty Section is pleased to announce the continuation of two research grant awards sponsored by Battelle-DTSS. Each grant is awarded the amount of \$2,500. A recipient of this research grant must send a report of accomplishments to the DTSS after completion of the selected research project. The Best Paper Award (\$500) is awarded in recognition of an exceptional recent peer-reviewed publication in the field of skin toxicology and pharmacology. The Sinclair Student Abstract Award (\$500) and the Stratacor-Port Royal Postdoctoral Abstract Award (\$500) recognize outstanding student and postdoc candidates for their contribution to advancing the understanding of skin toxicology and pharmacology. The Student awards will be presented at the DTSS Reception on Sunday evening, March 6, 2011.

Contact the student representative [Gayatri Sankaran](#) or check [the DTSS Web](#) site for more information about award descriptions and deadlines. Information about becoming a member can be found at the [DTSS membership site](#).

2011 Annual Meeting Sponsored Sessions: Mechanisms of Inflammation in Skin Carcinogenesis; Stem Cell Biology and Cell Therapy Approaches to Understanding Cellular Injury and Wound Healing In Dermal, Ocular, and Pulmonary Injury

DRUG DISCOVERY TOXICOLOGY

2010-2011 Student Representative: [Arunkumar Asaithambi](#)

The Drug Discovery Toxicology Specialty Section (DDTSS) provides a forum for discussion of emerging technologies, predictive toxicology, safety pharmacology, target validation, and safety assessment in a discovery research environment. Drug Discovery Toxicology is a subspecialty created to fulfill the growing need for incorporating predictive and integrative toxicological

approaches early in drug discovery and development. Early application of these approaches is the key to identifying potential liabilities and providing necessary perspective that helps reduce attrition of drug candidates at later stages of the process. This Specialty Section seeks to foster discussion and provide guidance around appropriate application of technologies and approaches that may refine or compliment traditional animal-based toxicology models. It also aims to identify gaps in novel and emerging technologies that require further development and application. For more information, please visit the [DDTSS Web site](#) or contact our graduate student representative.

DTSS will sponsor both student and postdoctoral poster awards at the SOT 50th Anniversary Annual Meeting. First (\$1000), second (\$600) and third (\$300) place prizes in student and postdoctoral categories will be presented in Washington, D.C. (made possible by the [Emil Pfitzer Drug Discovery Toxicology Fund](#)). The competition is open to current graduate students and postdoctoral researchers whose abstract has been accepted by SOT for presentation at the Annual Meeting. Student applicants must submit a copy of the abstract and a letter of support from their dissertation advisor *via* e-mail to Melissa Rhodes. A selected set of applicants will be invited to present their posters during a special poster judging session distinct from the regularly scheduled poster sessions. Student winners may be eligible to participate in 2011–2012 DDTSS as the Student Representative. To participate in the DDTSS Student Award competition, membership in SOT and/or DDTSS is encouraged but not necessary. For more information, please visit our Web site.

2011 Annual Meeting Sponsored Sessions: Understanding Structural and Physical Chemical Drivers of Drug-Toxicity: Utility and Translatable Value; De-Risking the Potential for Cardiovascular Toxicity of Type-2 Diabetic Drugs: Preclinical and Clinical Strategies; Are We There Yet? Attrition in the Pharmaceutical Industry and Impactful Strategies for Reducing Failures

ETHICAL LEGAL AND SOCIAL ISSUES

2010-2011 Student Representative: [Sarah Lacher](#)

The Ethical, Legal, and Social Issues Specialty Section (ELSISS) provides a forum for discussion of the ethical implications of toxicological research as well as its resulting legal and social ramifications. Reflection on these issues is crucial since results from toxicological research are widely used by policy makers, regulatory agencies, lawyers, non-governmental organizations and the public to establish legal rules and public policy.

The objectives of the ELSISS are to explore the contributions and implications of toxicological research on bioethical thinking and public policy, and to develop programs and educational activities that emphasize the latest developments in ELSI related to toxicology. ELSISS submitted a draft issue statement on the Gulf Oil Spill that SOT Council is moving forward for an official SOT statement that will be available in April. The members of the ELSISS would like to warmly encourage any student or post doc interested in relating developments in the field of ethics to the activities of SOT to become a member of the ELSISS.

The ELSISS meeting is held every year during the SOT Annual Meeting. The ELSISS offers a recognition plaque, as well as a \$500 cash prize as a student award each year for presentations made at the SOT Annual Meeting. All current pre- or postdoctoral students presenting a poster or platform presentation at the Annual Meeting are eligible to compete for the ELSISS Student Award; membership in the ELSISS is NOT required. The ELSISS 2011 award winner will be announced at the 2011 SOT Annual Meeting.

Contact the student representative [Sarah Lacher](#) or check the [ELSISS Web site](#) for more information about award descriptions and becoming a member.

2011 Annual Sponsored Sessions: 1961 to 2011 and Beyond: The Evolution of Toxicology "Omics" in Toxic Tort; Social Media and Informatics Essentials for Toxicologists; Coordinating Global Chemical Safety: The Big Four; and 50 Years of "the Pill": Risk Reaction and Discovery of Benefits Beyond Contraception

FOOD SAFETY

2010-2011 Student Representative: *To Be Determined*

The Food Safety Specialty Section (FS3) is one of a few SOT member groups specifically dedicated to the needs of a specialized industry. The purpose of FS3 is to provide a communication forum of toxicologists and other professionals involved in food safety. As an active subgroup of SOT, FS3 hosts symposia, workshops, continuing education courses, and roundtable sessions within the format of the SOT Annual Meeting. FS3 will hold its annual reception at the SOT 50th Anniversary Annual Meeting. All interested students are welcome to attend.

To recognize outstanding presentations and encourage student participation in the SOT Annual Meeting, FS3 sponsors several awards yearly. These include 1) Burdock Group Travel Awards, 2) Frank C. Lu Award, 3) Informa Healthcare Award, and 4) Monsanto Company Travel Awards. Current graduate students and postdoctoral fellows in the area of Food Safety/Food Toxicology are encouraged to compete for these student awards. Winners will receive a cash prize and recognition plaque at the annual reception. For more information about our Special Section, student membership, awards, or if you have any questions or suggestions, please visit the [FS3 Web site](#).

2011 Annual Meeting Sponsored Sessions: Current and Changing Perspectives on Mycotoxins and their Potential Health Risks Worldwide; Risk and Risk Management of Potentially Toxic Compounds Formed by Cooking Food; Ribotoxic Stress: Mechanisms and Models for Human Disease

IMMUNOTOXICOLOGY

2010-2011 Student Representative: [Xiaochu Zhang](#)

The Immunotoxicology Specialty Section (ImTox SS) focuses on the immune-mediated toxicities that are induced by various xenobiotics, including pharmacological agents, environmental

contaminants, and other chemicals. ImTox SS serves to stimulate growth in the science of immunotoxicology and facilitate interaction between researchers in this field. In this active research section, researchers are coming from various fields, e.g. immunology, toxicology, pharmacology, molecular biology, and cell biology, etc., to study the immune mechanisms of diverse varieties of toxicities, of which the findings have attracted regulatory interests.

In past 25 years, the ImTox SS has developed into an influential discipline within SOT. At the SOT annual meeting, the ImTox activities included symposia, continuing education courses, workshops, and roundtable discussions, etc. the Imtox SS is receiving increasing attention from both industry and governmental agencies. Graduate students and postdoctoral fellows are welcome to join the ImTox SS, which would provide unique opportunities for your interaction with academicians, industry professionals and governmental agencies. As a member in the ImToxSS, you will be encouraged to join various committees (awards, communications, membership, program, regulatory, and education), which is a great way to make new contacts, serve fellow SS members, and/or to catch up with hot topics in the area of immunotoxicology.

The ImTox SS also encourages and acknowledges students and postdoc research efforts by presenting awards for Best Presentation by a Graduate Student/Postdoctoral Fellow in Immunotoxicology (\$500). The award winners will be announced at the SOT 50th Anniversary Annual Meeting.

Contact the student representative Xiaochu Zhang or visit [the ImToX Web](#) site for more information about award descriptions and deadlines. Information about becoming a member can be found at the [ImToX SS membership site](#).

2011 Annual Meeting Sponsored Sessions: Environmental Oxidative Pollutants-Induced Pulmonary Toxicity; Autoimmunity versus Systemic Hypersensitivity: Commonalities Useful for Immunotoxicity Testing; Identification of Chemical Respiratory Allergens: Principles and New Developments

IN VITRO/ALTERNATIVES

2010-2011 Student Representative: [Andrea DeSantis](#)

The *In Vitro* and Alternative Methods Specialty Section is dedicated to development of alternative methods to study basic mechanisms of cell injury and cell death without the use of live animals. The interests of IVAM include studying the basic cellular processes involved in the induction of adverse outcomes of specific organs and the development of simple to complex cellular systems to predict toxicity *in vivo* for risk assessment purposes. To become a member, simply check the *In vitro* and Alternative Methods Specialty Section box when renewing your SOT membership. The IVAM luncheon at the annual meeting provides an opportunity to network with other scientists in the *in vitro* field.

IVAM offers three student/postdoc awards based on a submitted abstract exemplifying *in vitro* research. The first place winner will receive \$500, the second place winner receives \$300, and the third place winner will receive \$100. Posters must be presented at the SOT meeting, and

abstracts must be accompanied by a letter of support from the student's advisor. Winners will be announced and presented their awards at the annual meeting IVAM luncheon (students must be present to win).

The MB Research award for Distinction in Practical *In Vitro* and Alternative Toxicology Methods is open to Postdoctoral/Fellow students. The award is meant to focus on the practical aspects of *in vitro* or alternative methods as opposed to basic research or mechanism-based research. The award will be given out at the IVAM luncheon at the SOT 50th Anniversary Annual Meeting in Washington, D.C. Contact the student representative [Andrea DeSantis](#) or visit the [IVAM Web site](#) for more information about award descriptions and deadlines.

2011 Annual Meeting Sponsored Sessions: High Content Imaging: Applications in Toxicology and Toxicity Testing; Integrating Alternative Test Methods into the Federal Regulatory Framework; The International Cooperation on Alternative Test Methods (ICATM): Translating Science to Provide Improved Public Health Safety Assessment Tools; Precision-Cut Tissue Slices Revisited: A Classical Method Meets New Challenges; Progress of the Tox21 Consortium in High-Throughput Bioactivity Profiling of Chemicals; *In-Vitro* Lecture and Luncheon

INHALATION AND RESPIRATORY

2010-2011 Student Representative: [Christina Hickey](#)

The Inhalation and Respiratory Specialty Section (IRSS) is a forum for members of SOT dealing with the impact of airborne substances and particles on the body. Issues of interest to the IRSS include indoor and outdoor air pollution, occupational exposure to airborne contaminants, therapeutic drug delivery by inhalation, deposition and pharmacokinetics of agents delivered by the inhalation route, particle dosimetry, and interactions between inhaled materials and infectious allergic stimuli. The Section meets regularly at the Annual SOT meeting to promote a better understanding of inhalation and respiratory tract toxicology, to recognize students and colleagues for notable contributions to inhalation research, and to address issues of importance to this field. IRSS committees also meet regularly to write issue papers and discuss topics for symposia, workshops, and continuing education courses.

The IRSS sponsors travel awards for outstanding students; the Mary O. Amdur Student Award; two student and Postdoc awards; and recognition awards for new investigators and those with outstanding career achievements. The student awards are given to the best abstract submitted each year, and consist of an engraved plaque and a \$500 cash prize. The IRSS 20011 award winners will be announced at the IRSS Reception during the SOT 50th Anniversary Annual Meeting.

If you have any questions about student participation, membership, or awards, contact the student representative, [Christina Hickey](#) or visit the [IRSS webpage](#) for more information about award descriptions and about becoming a member.

2011 Annual Meeting Sponsored Sessions: Environmental Oxidative Pollutant-induced Pulmonary Toxicity; Metabolic Basis of Respiratory Tract Chemical Toxicity; Extending Pulmonary Toxicity Findings for Nanomaterials; Meeting the Challenges of Respiratory Toxicology Testing- In search of Best Practices; Assessment of Nanoparticle Exposure in Occupational Settings; and in Inhalation Toxicological Studies: Is there a Best Dosemetric to Use?

MECHANISMS

2010-2011 Student Representative: [Jeffery Vassallo](#)

The Mechanisms Specialty Section represents a diverse group of members of SOT who share interests and expertise in elucidating the cellular, biochemical, and molecular mechanisms of action of toxic substances. The Mechanisms Specialty Section provides a focal point for interaction of members of SOT interested in mechanisms of action of toxic substances, fostering the development and dissemination of new advances in mechanistic research in toxicology. We develop and sponsor state-of-the-art symposia, workshops and Continuing Education courses at the SOT Annual Meeting. In addition, a newsletter is published three times a year and distributed to all. The Newsletter can be found on our Web site.

The Mechanisms Section sponsors awards for graduate student and postdoc members of the section, with awards made annually at the SOT Annual Meeting. Awards available to graduate students include the Carl C. Smith Graduate Student Award; the Robert J. Rubin Student Travel Award; and the Renal Toxicology Award. The Carl C. Smith Graduate Student Award applicants must be the presenting author on an abstract submitted for the SOT Annual Meeting and is sponsored by their department. The Robert J. Rubin Student Travel Award provides travel to one or more graduate students to participate in that SOT Annual Meeting. The Renal Toxicology Award, available to both students and postdocs, is presented for best abstract that focuses on the kidneys. Awards available to postdoctoral scholars include the Merck Postdoctoral Travel Award and the Gabriel L. Plaa Education Award. For more information or to apply for these awards, please visit [our Web site](#).

2011 Annual Meeting Sponsored Sessions: Autophagy in Toxicology: Essential Process, Adaptive Process, and Disease Process; New Insights into the Nrf2-Keap1 Pathway and Its Impact on Human Disease

METALS

2010-2011 Student Representative: [Sandra Wise](#)

The Metals Specialty Section (MSS) is one of the three original Specialty Sections of the Society of Toxicology. Over the years the MSS annual assembly has provided an excellent forum for those who share a common interest in the study of the adverse effects of metals on living organisms and the ecosystem. Members have expertise in all aspects of metal toxicology including mechanisms of action, analytical procedures, regulatory issues, and assessment of target organ toxicity.

This year we celebrate our 30th anniversary in March when SOT celebrates its 50th. It is quite an accomplishment to be one of the oldest and strongest of the Specialty Sections. This is not unexpected since our specialty section is based on the strength of metals. To celebrate this momentous occasion, we will be holding our annual reception at the District Chop House & Brewery (509 7th Street NW) from **6:00 to 8:00 PM on Sunday, March 6**. We will be celebrating past accomplishments, the outstanding research and activities of the present, and the bright future of the specialty section. We hope to have founders of the specialty section discuss our origins and the unique group which brought us together. We will present our awards for outstanding career achievement and exceptional research by trainees. We will also discuss future plans and welcome new officers. We hope that you will join us for this exciting celebration.

The Metals Specialty Section supports student involvement and achievement with monetary awards for best research poster and platform presentations. There are three student and three postdoctoral awards presented at the SOT Annual Meeting. Student membership also offers the opportunity to meet and interact with scientists in the area of metals toxicology. These relationships are important for networking in the scientific community for potential postdoctoral positions, collaborations, and job prospects. Students are encouraged to participate and influence the programming, development, and future of our Specialty Section.

MIXTURES

2010-2011 Student Representative: [Ronald Pringle](#)

The Mixtures Specialty Section supports the advancement of science-based safety assessment, facilitates the ability for government, industry, and academia to work together, and encourages funding for toxicology-related research from private and federal agencies. This section was inaugurated at the 2006 SOT Annual Meeting. The overall objectives of the Mixtures Specialty Section are to 1) serve as the focal point for the interaction of members of SOT interested in mixtures toxicology; 2) develop, propose, and conduct programs and educational activities that emphasize the latest developments in mixtures toxicology; 3) relate those developments to the activities of the SOT and to stimulate new growth in mixtures toxicology as it relates to the science of toxicology; and 4) act as a resource to the Society in the area of the Section's interest.

The following awards are sponsored by the Mixtures SS and will be awarded at SOT 2011:

Mixtures SS Best Student/Postdoc Abstract Awards

The Mixtures SS provides an award targeted toward graduate students and postdoctoral fellows for outstanding mixtures research.

Mixtures SS Best Abstract Awards

All abstracts on mixture toxicology accepted for presentation for the 2011 SOT Annual Meeting are eligible. The Best Abstract Award winner will receive an achievement plaque, and the next top-five abstracts will receive Blue Ribbon recognition during their presentation at SOT.

Mixtures SS Wiley's Best Postdoctoral Presentation

Abstracts with postdoctoral fellows as the lead authors are eligible for this award. The winner will receive an achievement plaque, \$500 check, as well as gift certificate(s) from *John Wiley Publishers*.

Mixtures SS Journal of Applied Toxicology Award for Best Student Presentation

Abstracts with graduate students as the lead authors are eligible for this award. The winner will receive an achievement plaque, \$500 check, and gift certificate(s) from *John Wiley Publishers*.

For additional information on any of the awards or to learn about becoming a Mixtures SS member, visit the [Mixtures SS Web site](#) or contact the Vice-President [Michael Dourson](#) or Student Representative [Ron Pringle](#).

2011 Annual Meeting Sponsored Sessions: Emerging Issues at the Intersection of Reproductive and Mixtures Toxicology; Approaches for Incorporating Non-Chemical Stressors Into Cumulative Risk Assessments.

MOLECULAR BIOLOGY

2010-2011 Student Representative: [Jill Franzosa](#)

The Molecular Biology Specialty Section (MBSS) is an organization that incorporates members of SOT who use or are interested in applying molecular biology techniques in their research. Molecular toxicology is an important component of academic, industrial, and regulatory arenas and is integrated with many other toxicology disciplines. Tools ranging from transgenic technologies to reporter gene assays in single cells provide exciting opportunities to study the effects of toxic agents on molecular targets and understand how molecular responses lead to biological perturbations. To become a MBSS student member and join our group of ~30 active student members, use the [SOT On-Line Membership Renewal Form](#).

To highlight the outstanding research conducted by members of the MBSS, there are opportunities for graduate students and postdoctoral fellows to compete for research awards in molecular toxicology. The deadline for this year's 2011 Graduate Student Awards has already passed. Please attend the MBSS meeting **on Monday, March 7 from 6:00 to 7:30 PM** (Location, TBA) at the SOT 50th Anniversary Annual Meeting, where the winners will be introduced and present a five-minute synopsis of their research. The awardees will also receive plaques and monetary awards (1st place - \$500, 2nd place - \$300, and 3rd place - \$100). Mark your calendars for October 2011 if you are interested in competing for an award in 2012. For more information, visit the [Molecular Biology Specialty Section Web site](#).

For more information about student participation in the MBSS please contact [Jill Franzosa](#) or visit the [MBSS Web site](#).

2011 Annual Meeting Sponsored Sessions: Livers on a Plate: Next Generation Hepatocyte Models for High-Throughput Screening and Mode of Action Prediction; Human Variability in

Susceptibility to Environmental Toxicants; Gene-Environment Disease Interactions in Fish Models of Human Disease; Uncovering the Role of Non-Coding RNAs in Toxicology; The Spectrum of Systems Biology

NANOTOXICOLOGY

2010-2011 Student Representative: [Eric Liberda](#)

The objective of the Nanotoxicology Specialty Section (NTSS) is to serve as the focal point for the interaction of members of the Society of Toxicology interested in the science and toxicology of nanoscale materials, the responsible development of safe nanomaterials, and the application of nanotechnology to toxicological and environmental health problems. NTSS are attempting to achieve this through the conduct of scientific programs and educational activities that address current developments and key issues in nanoscale science and toxicology.

The NTSS offers a variety of awards geared for student members such as the Best Publication Award, Outstanding Graduate Student Award, and the Outstanding Postdoctoral Award.

If you are not a member of NTSS and believe that our objective is in line with your scientific interests, we encourage you to visit the [NTSS Web site](#) and consider joining this new and exciting group. The application process is affordable and easy!

If you have any additional questions or concerns, please do not hesitate to contact the student representative: [Eric N Liberda](#).

2011 Annual Meeting Sponsored Sessions: Assessment of Nanoparticle Exposure in Occupational Settings and in Inhalation Toxicology Studies: Is There a Best Dosemetric to Use?; Extending Pulmonary Toxicity Finding for Nanomaterials; Technical Characterization and Dosimetry Challenges Associated with Conducting or Interpreting Nanotoxicity

NEUROTOXICOLOGY

2010-2011 Student Representative: [Jason Magby](#)

The Neurotoxicology Specialty Section consists of members of SOT who are interested in the adverse effects of chemical, biological, or physical agents on the structure and function of the nervous system. Neurotoxicology Specialty Section members have research, regulatory, and/or industrial interests in the field of neurotoxicology as it relates to environmental chemicals and pharmaceuticals. The major aim of this Section is to promote the exchange of information among neurotoxicologists and those with interests in neurotoxicology. At the SOT Annual Meeting, the Neurotoxicology Specialty Section conducts regular meetings, plans and sponsors workshops and symposia, and facilitates the discussion of research and career topics of mutual interest to its members. For more information please visit the [neurotoxicology specialty section Web site](#).

The Neurotoxicology Specialty Section Student Poster Award Competition offers up to three prizes of \$500, \$300, and \$150 for first, second, and third prize at the SOT Annual Meeting. There is one competition for graduate students and another for postdoctoral fellows.

Students can contact [Jason P. Magby](#) (predoctoral student representative) or [Joshua Harrill](#) (postdoctoral representative) for more information or visit the [NTSS webpage](#)

2011 Annual Meeting Sponsored Sessions: Autism: Genetic, Epigenetic, and Environmental Factors Influencing Neural Networks; Protein Aggregation as a Common Mechanism of Toxicity in Neurodegenerative Diseases; Human Pluripotent Stem Cells and Neural Progenitors As Models of Gene-Environment Interactions in Neurological Disease

OCCUPATIONAL AND PUBLIC HEALTH

2010-2011 Student Representative: *Lydia Louis*

The goal of the Occupational and Public Health Specialty Section (OPHSS) is to advance the integration of exposure, toxicological, epidemiological principles and research approaches in addressing occupational, environmentally-related, and public health issues. The OPHSS seeks to achieve this goal by 1) identifying and encouraging integrative research to further the understanding of the impact of exposure to chemicals, pollutants, and pharmaceutical drugs on the general and susceptible populations, and, in turn, 2) better informing regulatory decisions and actions that impact both individual and population health, 3) identifying and promoting the continual development and application of emerging methods, tools, and models, and 4) sponsoring and supporting activities to attract the next generation of scientists to occupational and environmental public health.

In this group you will have the opportunity to network and share information with other scientists working in the areas of occupational and public health. OPHSS includes scientists that are employed by governmental agencies, pharmaceutical companies, academia, and industry. The Section hosts a reception at the SOT Annual meeting to provide networking opportunities for members. In addition, the Section sponsors a “Best Abstract Award” and a “Best Manuscript Award” for students who have done outstanding work in the field of occupational and public health. OPHSS also provides input to SOT and sponsors workshops, symposia, and continuing education courses at the SOT Annual Meetings. Please visit the [OPHSS Web site](#) for more information.

REGULATORY AND SAFETY EVALUATION

2010-2011 Student Representative: *Marcy McNamara*

The Regulatory and Safety Evaluation Specialty Section (RSESS) provides a forum for SOT members to discuss the impact of regulations and guidelines involving the practice and application of toxicology and the safety evaluation of environmental, pharmaceutical, industrial toxicants, and other products of concern to the general public. The RSESS promotes the development of sound governmental policies and regulations based on contemporary scientific knowledge arising from the disciplines encompassed by toxicology. RSESS holds a “Great Debate” on opposing viewpoints based on current toxicological issues during the SOT Annual meeting. RSESS welcomes student involvement and also encourages students and postdoctoral fellows to apply for travel awards offered by the Specialty Section. Approximately

five to seven awards are given to graduate students and postdoctoral fellows, which will defray the cost of travel to the SOT 50th Anniversary Annual Meeting in Washington, D.C. Students and fellows with abstracts accepted for presentation at the SOT Annual Meeting are welcome to apply. For more information on award applications and membership information, please visit the [RSESS Web site](#) or contact our graduate student representative.

2011 Annual Meeting Sponsored Sessions: Reforming the Toxic Substances Control Act (TSCA): Challenges, Opportunities, and Timing; Nonclinical to Clinical Abuse Liability Assessment of Drugs: Current Practices, Challenges, and Impact of Recent Regulatory Guidance; Vascular Injury: A Figment of your Inflammation?; Tobacco Harm Reduction: A Toxicological Perspective; New Approaches for Integrating Toxicological and Epidemiological Data to Better Inform Risk Assessment; Understanding the Implications of Preclinical Seizures for Clinical Drug Development

REPRODUCTIVE AND DEVELOPMENTAL TOXICOLOGY

2010-2011 Student Representative: [Nick Heger](#)

The Reproductive and Developmental Toxicology Specialty Section (RDTSS) is a subgroup of SOT whose members have expertise and/or responsibility in assessment of toxicology of the reproductive system or the development of offspring. This multidisciplinary field encompasses all areas of male and female reproduction, developmental biology, teratology, and developmental and reproductive risk assessment, with an overarching goal of evaluating hazards and risks for the human population. Current members come from a variety of backgrounds and work in all sectors of research, development, and risk assessment, including university, government, and industry settings.

The objectives of the RDTSS are to serve as a focal point for members interested in reproductive and developmental toxicology, and to conduct programs and educational activities to emphasize the latest developments in reproductive and developmental toxicology. Additionally, the RDTSS aims to stimulate new growth in reproductive and developmental aspects of toxicology, while serving as a resource to SOT in the areas of the Section's interests. This active and dynamic specialty section encourages the membership and participation of students and post-docs with research interests in reproductive and developmental toxicology, endocrinology, children's health, and other related areas. The RDTSS has made awards and funding a top priority for its student and post-doctoral members. Each year, travel awards are given to RDTSS students presenting at the SOT Annual meeting. Additionally, students can compete for one of three awards given for the best oral or poster presentation at the annual meeting. Finally, a yearly award is presented for the best paper published in *Toxicological Sciences* related to reproductive and/or developmental toxicology.

For more information on membership, or award deadlines and requirements, check out the [RDTSS Web site](#), or contact our student representative, [Nick Heger](#).

2011 Annual Meeting Sponsored Sessions: Vascular Developmental Toxicity: Identification, Prioritization, and Application

RISK ASSESSMENT

2010-2011 Student Representative: [David Szabo](#)

Risk assessment is a dynamic process by which scientists evaluate the potential for adverse health or environmental effects from exposure to naturally occurring or synthetic agents. The Risk Assessment Specialty Section (RASS) is one of the largest and most diverse Specialty Sections (SS) at SOT. Our goal is to provide a forum for students, postdoctoral fellows and professionals interested in the theory and practice of risk assessment. Our membership consists of equal representation from academia, government, industry, and the consulting world. Our annual meeting has proved to be a rewarding place for student, postdoctoral fellows and professional members to network over food, drinks and entertainment which highlights a great debate involving emerging issues in toxicology and risk assessment. There is truly something here for everyone.

Cash and plaques are given to winners for the RASS Perry J. Gehring Best Graduate Student Abstract Award and the Perry J. Gehring Best Postdoc Fellow Abstract Award, several Best Publish Paper Awards, the Robert J Rubin Student Travel Award and the newly established John Doull Award. We also award an SOT plaque to the Best Overall Risk Assessment Abstract and we honor the Top 10 Risk Assessment Abstracts submitted to SOT. To further learn about our Specialty Section, become a member and the read about the numerous opportunities for students and postdoctoral fellows, feel free to visit the [RASS Web site](#). Email us any specific questions, comments and how we can improve our continually growing SS to meet your interests and needs - [David Szabo](#). We look forward to seeing you in Washington, D.C.!!!

2011 Annual Meeting Sponsored Sessions: Beyond Science and Decisions: From Problem Formulation to Dose-Response; Emerging Science for Environmental Health Decisions: Tools, Strategies, and Evidence; When is Exposure Not Exposure? Defining the Dose-Response Region Between “Effect” and “Adverse Effect” Implications for Human Health Risk Assessment; Safer Products for a Sustainable World: Linking Chemical Design and Toxicology; Advancing Predictive Ecotoxicology Testing and Environmental Risk Assessment in the 21st Century.

STEM CELLS

2010-2011 Student Representative: [Justin Colacino](#)

The Stem Cells Specialty Section was approved in 2010 and serves as the focal point for the interaction of SOT members interested in stem cells and stem cell toxicology. It is composed of academic, government, industry, clinical, and preclinical researchers in order to relate the developments in stem cell research to the activities of SOT to stimulate interest and growth in stem cells as it relates to the general science of toxicology. The Section may propose sessions for future Annual Meetings, exchange information *via* newsletters, present awards, host meetings, and participate in other scientific activities. At the SOT Annual Meetings, the Section will sponsor continuing education courses and symposia as well as awards for Students and Postdoctoral Fellows. Session proposals for the 2012 Annual Meeting should be directed to Erik J. Tokar or Michael P. Waalkes.

Students are an important resource and are instrumental to the growth and future success of this dynamic new Section. We encourage all interested students to become members.

TOXICOLOGIC AND EXPLORATORY PATHOLOGY

2010-2011 Student Representative: [Lu Wang](#)

TEPSS, the Toxicologic and Exploratory Pathology Specialty Section of the Society of Toxicology, is an organization to promote the use of pathology methods and approaches in toxicology research. We develop and propose symposia and workshops for the SOT Annual meeting, promote high-quality scholarship by selecting top students for travel awards, provide networking opportunities for pathologists at the SOT meeting, and provide the pathologist perspective to the SOT leadership. Current members have varied educational backgrounds and hold positions in universities, industry and government. Our membership is actively engaged in research and product development for which specialized knowledge in the application of experimental pathology, tissue evaluation and whole animal response to toxicants is a critical component of the safety evaluation process.

TEPSS highly values its student members; students and postdocs are strongly encouraged to choose TEPSS as their Specialty Section. If you are currently a member of SOT you may join the Toxicologic and Exploratory Pathology Specialty Section for \$15 annually by using the SOT On-Line Membership Renewal Form. Students may join one specialty section for no additional cost. Student awards (TEPSS student travel award, Roger McClellan student award and Charles Capen student travel award) offer more opportunities for talented students to receive financial assistance to attend the annual meeting.

The TEPSS reception, held each year at the SOT Annual meeting, is an excellent opportunity for students to meet prospective mentors and employers in a relaxed and congenial atmosphere. Our top student awardees provide a short presentation to the assembled membership on their award-winning research. Contact the student representative [Lu Wang](#) or check the [TEPSS Web site](#) for more information about award descriptions and deadlines. Information about becoming a member can be found at the [TEPSS membership site](#).

2011 Annual Meeting Sessions: Macrophages: Regulators of Toxicity and Disease Regulation

SPECIALTY SECTION GRADUATE COMMITTEE REPRESENTATIVES

SPECIALTY SECTION	REPRESENTATIVE	E-MAIL
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Carcinogenesis	Michael Borland	mgb149@psu.edu
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Food Safety	To Be Determined	sothq@toxicology.org
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