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ONLINE


Communiqué

Winner Issue 2006

News in This Issue

President's Message

The Society of Toxicology enters into 2006 with renewed resolve to pursue the Long-Range Plan (LRP) of the Society in a carefully considered and strategic manner. SOT Council has taken the opportunity these past several months to discuss the administrative infrastructure and organization of our various committees and related activities and their alignment with the strategic goals inscribed in the LRP, which are: 1) to advance the science of toxicology to enhance human, animal, and environmental health, 2) to be essential to the scientific and professional development of our members, and 3) to be a definitive scientific resource for human, animal, and environmental health. The discussions by Council focused on two principal concerns: what are the most efficient strategies that will yield the highest impact for each strategic goal, and how well do the current committee-driven activities align with this strategic plan? The ultimate goal by Council is to derive an organizational structure that most efficiently sets and implements an administrative plan to accomplish each of these strategic goals.

In exploring various options, Council quickly recognized that there is a great deal of underutilized wisdom, insight, and loyalty in our membership that brings valuable experience and perspective to this strategic planning process. Rather than limiting these discussions to Council, it was decided to establish three strategic committees; one designated for each strategic goal. The objective was to charge a small committee to think strategically about the goals of SOT and to develop a tactical plan for best implementing these strategies. Embedded within this charge is the review of our current activities to ensure that we continue to align our energies and resources to best accomplish the strategic goals of the Long-Range Plan.

To date, two of the three committees have been established. **Cheryl Walker** (University of Texas, MD Anderson Cancer Center) has graciously agreed to chair the Science Strategy Committee (SSC), whose membership includes **Debra Cory-Slechta** (UMDNJ), **Ronald Hines** (Medical College of Wisconsin), **Kenneth Olden** (NIEHS), **Lewis Smith** (Syngenta), and **Gerald Wogan** (Massachusetts Institute of Technology). **Bernard Schwetz** (DHHS) has agreed to serve as consultant. Council liaisons are **Janice Chambers**, **Yvonne Dragan**, and **Bruce Fowler**, and the committee is staffed by **Clarissa Russell Wilson**. The charge to the committee is to develop and advise SOT Council of a strategy to most effectively promote the advancement of the science of toxicology through enhancing the perception of toxicology as a vital and fundamental science and broadening its visibility to our members and other key stakeholders. SOT Council looks forward to new visionary guidance from this committee for elevating the image and value of toxicology as well as promoting new and creative means of getting our science in front of key targeted audiences, including our own membership.

The Communications Strategy Committee (CSC) is chaired by **Bernie Goldstein** (University of Pittsburgh) with members **Matt Bogdanffy** (Boehringer Ingelheim Pharmaceuticals, Inc.), **Ann de Peyster** (San Diego State University), **Annie Jarabek** (U.S. EPA), and **Jim Lamb** (The Weinberg Group). Council Liaisons are **Linda Birnbaum**, **Gary Carlson**, and **Michael Holsapple** and the SOT

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staff person to the CSC is **Shawn Lamb**. The point of concern for this committee is that without an effective communications strategy, much of the success of SOT in advancing the science of toxicology will go unrecognized by our members as well as other key stakeholders. SOT will be perceived as being of little value to our core goal of enhancing human, animal, and environmental health. The charge to this committee is to develop a strategic plan to help SOT communicate more effectively to targeted audiences the value of both toxicology as a science and SOT as a scientific society. Included with this is the responsibility to advise Council on implementation tactics to best accomplish this goal. Ideally, critical and high-level discussions amongst the CSC will result in a communications strategy and action plan that will help us forge stronger relationships with media representatives, key regulatory and public policy decision makers, fellow scientists, the public, and our own SOT members.

Both committees have been established ad hoc through April 2007. Within the next few months, SOT Council will be establishing a corresponding committee charged with developing a strategic plan for the Society that best serves the individual and professional needs of our members, across all sectors of employment, career stage, gender, and ethnicity.

SOT Council is excited in anticipation of the outcomes of the discussions by all three strategic committees. There's no question that the Society has enjoyed huge success these past several years. However, taking this opportunity to draw on the diverse perspective of our membership to take a fresh and bold look to the future of SOT and to draft a strategic plan to capture this vision marks a solid foundation from which to launch the future activities of the Society. We appreciate the willingness of our fellow members to commit their time and energies and look forward to the guidance and directions that will emerge from this strategic planning process.

Meanwhile, I'd like to wish you all a healthy and rewarding 2006 and I look forward to working together to continue to build on the solid foundation of support and success that the Society enjoys from its loyal membership.

Kendall B. Wallace, Ph.D., D.A.B.T.

2005–2006 SOT President

Upcoming Election: 2006 SOT Officers

Ballots for the election of Council Officers and elected standing committees have been sent *via* e-mail to Full Members and Retired Full Members December 30, 2005. Offices to be filled include the Vice President-elect, Treasurer-elect, two Councilors, two Membership Committee Members, two Education Committee Members, three Awards Committee Members, and four Nominating Committee Members.

If you are a Full Member, please [vote on-line](#) on or **before February 1, 2006**, or if you vote by paper [ballot](#), fax the signed cover sheet and ballot according to the fax number on the form. The results of the election will be announced *via* e-mail in late February, as well as at the 2006 Annual Meeting in San Diego.

RALA Committee Seeks Member Input

The Regulatory Affairs and Legislative Assistance Committee (RALA) seeks the input of SOT members for topics that can be developed into Congressional Science Briefings (CSB). RALA organizes lunch-hour briefings on Capitol Hill in Washington, D.C. primarily to enhance the visibility of SOT as an important science resource to members of Congress and their staff. Recent briefings have been conducted on [West Nile Virus and pesticide use, and safety issues surrounding the use of botanical dietary supplements](#). Two upcoming briefings are focusing on basic principles of toxicology and risk assessment, and nanomaterials safety.

Please send your ideas to [Clarissa Russell Wilson](#) at SOT Headquarters.

The RALA Committee activities help promote the use of credible and good science in order to enhance regulatory and legislative decision-making. Congressional Science Briefings are one method to accomplish this goal.

Akaka Amendment to Limit Animal Purchasing Voted Down in Congress

By the Animal in Research and Regulatory Affairs and Legislative Assistance Committees

The RALA and AIR Committees would like to thank those individuals who responded to the recent legislative alert e-mailed to all SOT members on September 30 and contacted members of Congress with concerns about the Akaka amendment. SOT learned that Senator Akaka's Class B dealer

amendment (SA 1729) was voted down and removed from the USDA Appropriations bill in conference on October 25. This action represents an important victory for biomedical research. The amendment, if approved, would have prohibited federal funding to biomedical research facilities that lawfully purchase animals from Class B dealers as designated under the Animal Welfare Act. Animals acquired from Class B dealers serve an important role in scientific and medical research and teaching.

In an effort to maintain good relationships with Capitol Hill staff, you may want to consider sending a brief fax or e-mail expressing your gratitude to the member of Congress and/or staff members with whom you connected. A simple "thank you" will go a long way to ensuring our voices are heard during the next battle. [A sample letter](#) can be found through a link provided on the SOT Web site.

SOT Disaster Response and Web Site

The Society of Toxicology established a [Disaster Relief Web site](#) after the Gulf Coast natural disasters in the fall. The site offers information for those affected by hurricanes Katrina and Rita and their aftermaths. The site includes a bulletin board for exchange of information on resources for students and scientists, and links to national and local recovery resources.

Donate and find toxicology-related resources using the [Disaster Response Bulletin Board](#).

Membership renewal and the payment of annual Society dues for those displaced or impacted by the recent natural disasters have been extended to June 15, 2006. Please contact [Rosibel Alverenga](#) to make the arrangements for the extension.

NIH Continues Funding for SOT Undergraduate Education Program

SOT is pleased to announce that the NIH Minority Access to Careers (MARC) program has awarded funding for the SOT Undergraduate Education Program for an additional 5 years. The recent grant proposal was submitted by Principal Investigator **Myrtle Davis** and Co-Principal Investigator **Jose Manautou**. MARC will provide about \$60,000 each year to support travel costs to the SOT Annual Meeting for 30 undergraduate students from groups under-represented in the sciences and for 5 undergraduate advisors. This award continues the remarkable series of NIH funding since the original proposal submitted by **Marion Ehrich** was funded for the 1990 Program.

The goal of the SOT Undergraduate Education Program is to increase awareness about career choices and opportunities in toxicology. The Committee on Diversity Initiatives carefully selects awardees based on their record of achievement, a written statement, and a letter of reference from their advisor. The average GPA for these students is nearly 3.5 every year. At the annual meeting, these students participate in a special 3-day that includes an overview of toxicology and information about graduate school preparation and career paths. The undergraduate science advisors who participate become a year-round resource for students interested in Toxicology as a career.

Many of the participating students have indeed pursued careers in toxicology and the biomedical sciences, and some are active in the Society of Toxicology today. The *Communiqué* series "[Eye on CDI](#)" features students from the Undergraduate Education Program.

SOT members can assist with the program by serving as a mentor for a group of students during the meeting, and following up with the students afterwards. Academic programs and internship hosts can participate in that Academic and Internship Program Fair from 3-5 PM Sunday, March 5.

To volunteer or for more information, contact [Betty Eidemiller](#) at SOT Headquarters.

Annual Meeting Information

45th Annual Meeting
Special Sessions at the 2006 Society of Toxicology Meeting

SOT/EUROTOX Debate

Motion: *"Omics" Research Does Not Add Substantially to the Safety Assessment of Chemicals*
Wednesday, March 8, 8:00 AM—8:50 AM

Endorsed by:

SOT (Society of Toxicology)
EUROTOX (European Societies of Toxicology)

Debaters:

(Pro) EUROTOX: Alan Boobis, Imperial College London, London, United Kingdom
(Con) SOT: Dan Nebert, University of Cincinnati, Cincinnati, OH

Plenary Lecture: Risk Communication—The Perception Gap, an Unrecognized Aspect of Risk
Monday, March 6, 8:30 AM—9:15 AM
Lecturer: David Ropeik, Harvard University, Boston, MA

Medical Research Council (MRC) Lecture: Cell Death and Neurodegeneration
Tuesday, March 7, 8:00 AM—8:50 AM
Lecturer: Junying Yuan, Harvard Medical School, Boston, MA

Issues Session: Safety Assessment of the Major Human Metabolites
Tuesday, March 7, 12:00 NOON—1:30 PM

Chairperson(s): Rakesh Dixit, Johnson & Johnson PRD, San Diego, CA

Panelists: Rakesh Dixit, Johnson & Johnson PRD, San Diego, CA

Sidney Nelson, University of Washington, Seattle, WA

Alfred Tonelli, Johnson and Johnson PRD, Raritan, NJ

Martin David Green, U.S. FDA, Rockville, MD

Andrew Parkinson, XenoTech, Lenexa, KS

NEW—SOT Offers Annual Meeting Room Sharing Resource

Registered for the SOT Annual Meeting but still looking for someone with whom to share a hotel room?

SOT has established a registry so that you can make contact with those interested in limiting meeting costs by room sharing. Select the [Room Sharing Program](#) (you must be registered for the meeting to access) on the SOT Web site. Add your name to the list or view those who have already signed up. The service is available to each meeting registrant who voluntarily enrolls in the program and accepts the terms of the legal disclaimer. Each participant in the program will communicate with a potential room sharer and together they will work out an agreement for lodging. Once you have a match, please remove your name from the list.

This is one more way that SOT fosters professional development and networking within the greater toxicology community.

Annual Meeting Sponsorship

SOT appreciates the generous contributions of the 2006 Annual Meeting Sponsors. There are five levels of sponsorship available: Diamond (over \$10,000), Platinum (\$5,000 - \$9,999), Gold (\$2,500 - \$4,999), Silver (\$1,000 - \$2,499), and Contributor (\$500 - \$999). For more information about SOT Sponsorship Opportunities or if you are interested in entering the SOT Sponsorship Raffle, contact Libby Jones at (703) 438-3115 or send an e-mail to libby@toxicology.org.

The goal of ToxExpo's management team is to make sure that you make the most of your presence at the exhibition. [ToxExpo™](#) is the largest event of its kind. Marketing plans need to be well-thought out with a strategy that includes pre- and post- show promotions for you to reach your return on investment and drive attendees out of the aisles and into your booth.

You will find an entire [menu of sponsorship opportunities](#) on the ToxExpo Web site designed to assist your organization in establishing a leadership position in the 2006 exhibition.

Please feel free to contact **Libby Jones** at (703) 438-3115 or send an e-mail to libby@toxicology.org to help you get the most out of your marketing dollars.

Ancillary Events

All requests for hospitality suites and ancillary meetings must be approved by SOT Headquarters. To reserve a meeting room, please contact [Heidi Prange](#). Ancillary functions may only be hosted by SOT Associates, Exhibitors, or organizations affiliated with SOT. Hospitality suites and ancillary meeting space book fast, so send your request now.

Please note that no hospitality functions or ancillary meetings may be scheduled during the following SOT events:

- Sunday, 5:00 PM–7:30 PM SOT Awards Presentation and Welcoming Reception
- Monday, Thursday 8:00 AM–11:30 AM Morning SOT Scientific Sessions
- Monday, Wednesday 1:30 PM–4:30 PM Afternoon SOT Scientific Sessions
- Tuesday, 4:30 PM–6:00 PM SOT Annual Business Meeting

Once submitted, your request will be reviewed, and if your request is approved, you will receive an "approval statement" with a coded event number from the [SOT Headquarters Office](#). The approval

statement will enable you to book meeting space at one of the SOT hotels.

The hotels are not permitted to book meeting space without the authorized approval statement and coded event number. The hotel convention service manager will be able to discuss meeting room rental, food and beverage, and audio visual equipment requests. All coordination for your event should be done between the hotel convention service manager and the ancillary function organizer.

Volunteer to Help with SOT Activities!

No matter your interests, there are many places where you can help with SOT programs. For example, at the Annual Meeting you could host an undergraduate student, serve as a toxicology expert during an informal graduate student lunch, mentor a K-12 teacher, or serve as a greeter. You might be asked to serve on an SOT committee, or work on a committee project as an ad hoc member. Let SOT leadership know about your interests by supplying your information using the [On-Line Volunteer Form](#).

Experts Needed for "Lunch with an Expert" in San Diego

The Lunch with an Expert opportunity continues at the SOT Annual Meeting in San Diego. SOT members are encouraged to sign up to serve as an Expert before January 15 using the [on-line LWAE Registration Form](#). The Expert selects the site for breakfast or lunch and meets with a small group of students matched by scientific interests for informal discussion. Each participant pays for his or her own meal. Students and Post-Doctoral Fellows can sign up using the same form.

Students: Add these Activities to Your Annual Meeting Schedule

The Student Advisory Committee is compiling the Student Meeting Planner, a special guide for the Annual Meeting with specific information for students. Watch for a message announcing that it has been posted to the Web site.

Student/Post-Doctoral Fellow Mixer

Sunday, March 5, 7:30 PM-8:30 PM

The Student Advisory Committee hosts this opportunity for students and post-doctoral fellows to gather, to meet new colleagues, and to re-establish relationships in an informal atmosphere at the beginning of the meeting. Complimentary tickets are obtained by registering for this event on the [Annual Meeting Registration Form](#).

Post-Doctoral Assembly Event

Sunday, March 5, 8:00 PM-9:00 PM

Visit the Student/Post-Doctoral Fellow Mixer and then join your post-doc colleagues at the Post-Doctoral Assembly Event from 8:00 PM to 9:00 PM in the San Diego Convention Center. The Post-Doctoral Assembly (PDA) is the formal group for these members of SOT. Take this opportunity to network with each other, discuss issues of importance to you, plan activities, and get to know the members of the 2006-2007 PDA Board. Jose Manautou, 2006 Achievement Award recipient, will be the featured speaker. Light appetizers and cash bar will be available.

Lunch with an Expert

Date and time varies by group (*Meet at the LWAE Bulletin Board*)

Lunch with an Expert (LWAE) is an informal gathering of a small group of students and a Toxicology Expert. The groups are matched by research interests and the Expert for each group identifies a time and place for the meal. Details for the group meeting will be sent to those who [preregister on-line](#) by March 1.

Student Advisory Committee Meeting

Tuesday, March 7, 7:00 AM-8:30 AM

Members of the Student Advisory Committee will conduct their business meeting.

***In Vitro* Toxicology Lecture:** Using *In Vitro* Genomics Technology to Assess the Impact of Chemicals on Cell Signaling Networks

Lecturer: Kevin Gaido, CIIT Centers for Health Research, Research Triangle Park, NC

Tuesday, March 7, 12:00 NOON-1:15 PM

Each year the Colgate-Palmolive Company invites students and post-doctoral fellows at the SOT Annual Meeting to attend a luncheon and lecture concerning alternative research methods at the forefront of toxicology, specifically, methods that address the reduction of use or replacement of whole animals, or

the refinement of such experimental techniques. Past recipients of Colgate-Palmolive-SOT awards will be special guests.

Students register for this event on the [Annual Meeting Registration Form](#); a \$5 deposit per ticket is required and will be exchanged for the ticket at the luncheon. Seating is limited.

SOT Council Meeting with Students/Post-Doctoral Fellows

Wednesday, March 8, 4:45 PM–5:15 PM

All students and post-doctoral fellows are encouraged to attend this informal gathering to talk one-on-one with Council members, members of the Post-Doctoral Assembly and Student Advisory Committee officers. Complimentary beverages will be available.

SOT Council Meeting with Executive Boards of the Student Advisory Committee and Post-Doctoral Assembly

Wednesday, March 8, 5:15 PM–6:00 PM

The executive boards of the Student Advisory Committee and the Post-Doctoral Assembly will meet with Council at the conclusion of the open student meeting.

Students: Volunteer — Assist with a Continuing Education course or other annual meeting activity.

Graduate Student Volunteers Sought for CE Courses

The Society of Toxicology (SOT) Continuing Education (CE) Committee is providing an opportunity for graduate students to assist with up to two CE Courses at the 2006 SOT Annual Meeting.

Two to three students are needed for each course. Responsibilities include attendance at an orientation meeting and preparation of some materials Saturday evening before the Sunday courses, as well as collection of admission tickets, distribution of course materials, and collection of course evaluation forms on the day of the courses. In return, student volunteers are not charged for attending the course and receive a syllabus of their choice for each course for which they volunteer, as well as an invitation to join the speakers and the CE Committee for lunch.

If you are interested in volunteering, complete the [Volunteer Form](#). Please be aware that there is a limit to the number of volunteers that we can accept, and participation will be offered on a first-come, first-served basis.

Please contact [Nichelle Sankey](#) at SOT Headquarters for additional information on volunteering.

Record Breaking Number of Abstracts Received

SOT received a record number of abstract submissions by the October deadline. More than 2,400 abstracts were submitted on-line for the March 2006 Annual Meeting.

Visit the [2006 Annual Meeting](#) section of the SOT Web site for up-to-date meeting details and information.

Special Session at SOT 2006: Life After Your Post-Doc

The SOT Post-Doctoral Assembly and the Career Resource and Development (CRAD) Committee would like to announce an innovative, interactive panel discussion detailing the job market processes required for successful progression into your next job. This session, entitled "Life After Your Post-Doc: Advice on Finding and Landing a Job," will be held at the SOT Annual Meeting in San Diego. Hiring experts, as well as recent hires in industry, government, and academia, will explain the intricacies of getting that first job after a post-doc and engage the audience in an informal "question and answer" style discussion. Join us at the SOT Annual Meeting on Monday, March 6 at 4:30 PM for this exciting discussion. Job seekers at any stage are welcome!

Title: Life After Your Post-Doc: Advice on Finding and Landing a Job

Sponsors: Career Resource and Development Committee (CRAD) and Post-Doctoral Assembly (PDA)

Panel Members:

Scott Loveless (DuPont), William Greenlee (CIIT), Gregory Cosma (Bristol-Myers Squibb), Mark Zorbas (Pfizer), Linda Birnbaum (US EPA), Bryan Copple (University of Kansas Medical Center)

Planning Committee:

Thomas Kawabata (CRAD, Pfizer), Julia Kimbell (CRAD, CIIT), James Luyendyk (PDA, Scripps Research Institute), Janelle Cossgrove (PDA, Purdue Univ.)

Abstract:

Your post-doctoral training has been a blast, but now you are thinking ahead to the next stage of your career. This roundtable discussion will prepare you for the maze of decisions ahead, providing tips to help you find and land the job you want. The format of this session will involve a discussion of key questions by a diverse panel of experts from industry, academia, and government. After the responses from the panel, the discussion will be opened up to the audience. This is intended to be a very interactive session.

46th Annual Meeting Information**Call for 2007 CE Proposals**

The Continuing Education (CE) Committee promises another exciting Annual Meeting Program in 2006 and will offer cutting-edge CE sessions on the latest advances in toxicological science. But, it doesn't end with the Annual Meeting. That is only the beginning because we need input from our Society members and Specialty Sections (SS) for the CE courses to be offered in 2007. Proposals must be submitted on-line by April 30, 2006. Key factors to keep in mind in the development of a CE proposal are:

- Develop topics that span the interest of a wide range of toxicologists so that a course will attract members from more than one Specialty Section and be of interest to individuals within their specialty area of research.
- Start early and decide in advance which courses would be most appropriate for your section to solicit and endorse, and then develop them for inclusion at the next meeting.
- Work with other SS to develop broad-based courses of widespread appeal or co-sponsor CE courses with other SS.

The CE Committee will work with interested parties in the development of courses. A CE matrix, which contains all the CE courses offered over the past 15 years, will be distributed to all SS Presidents, Vice Presidents, and Vice Presidents-elect for their review. This matrix categorizes the courses by topic, frequency, level (basic/advanced), as well as by SS endorsements. We encourage you to develop a CE course within your SS so that it can be considered for inclusion in the 2007 SOT Program.

If you would like to review the 1990-2005 CE Matrix, please contact your [SS President](#) or [Nichelle Sankey](#).

Regular Features**Member News:**

Kudos to Janice E. Chambers



SOT Councilor **Janice E. Chambers** recently received the [International Award for Research in Agrochemicals](#) in recognition of her research on the mammalian toxicity of organophosphorous pesticides and other neurotoxicants at the American Chemical Society national meeting in Washington, D.C. She is a William L. Giles Distinguished Professor in the College of Veterinary Medicine at Mississippi State University where she directs the university's Center for Environmental Health Sciences.

Toxicology Scholar Campus Visit: Whitman College

By Castle J. Funatake, Oregon State University, Corvallis, Oregon

Increasing awareness of toxicology among undergraduates is an important step in attracting future graduate students to toxicology programs across the country. Were it not for my own interactions with a graduate of the Environmental and Molecular Toxicology department at Oregon State University, I might still be sitting around trying to figure out what I want to do when I grow up. But, attracting new graduate students is just one of the many advantages of talking with students at college campuses. It may very well be the first time that these students will have heard about toxicology, so this gives us the opportunity to educate future scientists, lawyers, physicians, politicians, and others about the principles of toxicology so that they can make educated choices not only in their daily lives, but also when it comes time to vote on toxicological issues that have the potential to affect many people. So, when **Larry Curtis** (Oregon State University, Corvallis, Oregon) approached me earlier this fall with



the opportunity to return to my alma mater of Whitman College (Walla Walla, Washington) and speak to the students there about toxicology, I eagerly accepted his invitation. He explained to me that this was to be the pilot visit of a new program under the auspices of the Education Committee of the Society of Toxicology, and that the goal was to make undergraduates aware of toxicology as a possible career path. Because Whitman is a small college (around 1500 students currently attend Whitman) with only an undergraduate program that is focused on providing students with a solid foundation in the basic sciences, it was an ideal place to pilot the "Toxicology Scholar Campus Visits" program. To begin, I made contact with my undergraduate advisor, **Paul**

Yancey, and the Chair of the Biology Department at Whitman, **Dan Vernon**, and asked if I could come and talk with the current students about what I had done since graduating from Whitman. They welcomed the chance to have an alumna come back and tell her story so we scheduled the trip for early November. In hindsight, I should have asked specifically about the date of the seminar because as it turned out many of the students and faculty were leaving for a conference that day and many other students were preparing for the GRE that weekend. In the end, only a handful of students and faculty attended. On the positive side, we met in a classroom with long tables and chairs (not desks), rather than having it in a large auditorium or lecture hall, making the overall environment much less formal. I spoke to the students about toxicology in general and then moved into my own research. Afterward, the students asked both research-related and more general questions. They wanted to know how I had chosen a laboratory for my graduate studies, why I chose Oregon State University, if I was happy that I had taken some time off from school before starting graduate school. My graduate advisor, **Nancy Kerkvliet** came with me and answered additional questions about the program at Oregon State University and about toxicology as a career. I think it was also a good opportunity for the students to see the relationship between a graduate student and advisor, which can be much more peer-like than the relationship between undergraduate students and professors. So, for those of you planning other campus visits, it is a rewarding opportunity to encourage students to consider a career in toxicology, but be sure to check the schedule for other activities (like conferences and exams), especially at small colleges and universities, and think about the style of the room—the less formal, the better.

SOT Post-Doctoral Assembly Holds First Election

It Is Time for SOT Post-Doctoral Assembly Elections!

Nominations closed January 6, 2006, for the 2006-2007 Governing Board of the SOT Post-Doctoral Assembly (PDA). Open positions include Co-chair, Secretary – Treasurer, and Councilor. Eligible nominees occupy a Post-Doctoral position by February 1, 2006. For more information on the SOT PDA Governing Board, officer duties, activities, and positions available for the 2006-2007 calendar year, visit our Web site!

Homepage: <http://www.toxicology.org/ai/spd/PD.asp>

About the PDA: <http://www.toxicology.org/ai/spd/PD-Info.asp>

Recent activities: <http://www.toxicology.org/ai/spd/PD-Activities.asp>

Elections/Positions available: <http://www.toxicology.org/ai/spd/PD-Officers.asp>

The PDA Board will contact nominees and request a biographical sketch. This information, no longer than 100 words including a general description of post-doctoral plans and a statement of interests, will be due by February 1. PDA members will receive an e-mail directing them to the voting web site. Elections close at the end of February and the newly elected PDA Board will be introduced at the Annual Meeting.

Education Committee — A New Direction

The Education Committee (EC) is a standing committee elected by SOT membership. In the past, it has been responsible for the implementation of many educational activities such as Post-Doctoral and Graduate Student Fellowships, Graduate Travel Support, Virtual Seminars, the Resource Guide to Careers in Toxicology, as well as developing and disseminating career and toxicology education materials. In addition, the members served as active members of two EC subcommittees: the Education Committee Subcommittee on K-12 Education and the Subcommittee for Minority Initiatives (SCMI), which implemented the Paracelsus Teacher Workshops and Undergraduate Minority Program, respectively.

In May 2005, the EC was restructured such that the K-12 Subcommittee and SCMI are now independent of the EC. Each committee has its own visions and activities to fulfill SOT's long-range plans. SCMI has been renamed the Committee on Diversity Initiatives (CDI) to reflect the diversity within SOT, and the K-12 Subcommittee is now the Committee on K-12 Education. For this transitional year, the EC has liaisons to both K-12 and CDI committees. With this separation, the EC can now focus on 1) identifying the educational needs of the SOT membership at large, 2) performing strategic planning, 3) initiating innovative visions, and 4) continuing to develop and disseminate career and toxicology education materials.

This past summer, the EC focused their efforts on "Undergraduate Recruitment into Toxicology," thus creating the "[Toxicology Scholar Campus Visits](#)" program to encourage undergraduate students to pursue post-graduate training and careers in toxicology. The EC will work with the SOT's Regional Chapters to increase awareness of toxicology among undergraduate students by funding travel costs of professional toxicologists and/or advanced graduate toxicology students to visit campuses that do not offer toxicology in their curricula. The EC will request proposals from the Regional Chapters, review them, and provide travel support and materials. See the related article, "[Toxicology Scholar Campus Visit: Whitman College](#)" by **Castle Funatake**, a graduate student at Oregon State University, who made a pilot visit with **Nancy Kerkvliet** to Whitman College in Washington. In addition to the "Scholar Visits," the EC is accepting applications from undergraduates for a new [award](#), the "Pfizer Undergraduate Student Travel Award." The purpose of this award is to foster an interest in graduate studies in the field of toxicology by bringing promising undergraduate students to the Society of Toxicology Annual Meetings.

In addition to the new initiatives above, the EC has been working with the Resource Guide and the ToxLearn work groups to develop updated resources for individuals interested in Toxicology. For example, the revised [Resource Guide to Careers in Toxicology](#) will be available on-line (coming soon) and will provide updated information on the various academic Toxicology Programs. Also, the [National Libraries of Medicine's ToxTutor toxicology modules](#) are being updated with information ([see recent call for authors](#)).

The EC welcomes comments and suggestions from the SOT membership that would enhance our ability to serve the educational needs of our Society.

In Memoriam

In Memoriam

Dr. Kenneth Charles Black
Dr. Arthur Furst
Dr. John F. Griffith
Dr. Harry A. Kornberg
Dr. James Newell Stannard

In Memoriam

Dr. Arthur Furst

Arthur Furst, toxicologist & educator, died December 1. He was preceded in death by his wife Florence. He is survived by his sister and brother, 4 children, 2 grandsons, 2 great-granddaughters.

Dr. Furst had a long and distinguished career in cancer research and toxicology. He contributed over 300 articles to professional and scholarly journals and was writing a book on the toxicology of metals at the time of his death just short of his 91st birthday. His first love was teaching, and he continued to mentor students after his retirement in 1980 until his death.

He was a Member of 17 professional societies and Fellow of 6 and received numerous professional awards including: Professional Achievement award from the UCLA Alumni Association; Lifetime Contribution Award from the American College of Toxicology (first and only time ever given) and

Lifetime Recognition Award from the Society of Toxicology (first time ever awarded).

Dr. Furst endowed awards for outstanding research at UCLA and USF and an annual ethics lecture at the Pacific Graduate School of Psychology. He also established 3 memorial funds and student loan funds in the name of his wife and family. A scholarship at USF and an annual health lecture at Stanford have been endowed in his honor by GNLD International.

- Burial was at Skylawn Memorial Park in the hills near Crystal Springs. Memorial contributions may be made to the [Florence Furst Memorial Fund](#) at the Stanford Health Library or the charity of your choice.

In Memoriam

Dr. J. Newell Stannard

Dr. J. Newell Stannard, 95, died September 19, 2005, in Rancho Bernardo, California. Newell developed the world's first Ph.D. program in radiation biology. He was associated with and taught at the University of Rochester School of Medicine and Dentistry from 1935 to 1975. After his retirement from teaching, he moved to Rancho Bernardo, California, where he was appointed adjunct professor of community medicine and radiology at the University of California, San Diego. Most of the research for and preparation of his 1900 page book, on "Radioactivity and Health, A History," was done from this fulcrum, along with continued service on national committees, both formal and informal.

Newell's contributions to research on the health effects of radiation and to the education of students in both basic and applied radiation protection began in the 1940s at the University of Rochester during the final days of the Manhattan project.

Newell received a Ph.D. from Harvard in 1935, in physiology and biophysics and was on the faculty of the University of Rochester until World War II. During the war he served as a Naval officer assigned to do research on respiratory physiology at the National Institutes of Health.

After the war he returned to the University of Rochester, where, in 1947, he was appointed assistant director for Education in the Atomic Energy Project. As director of this program in radiological physics and radiation biology, he guided the education of hundred of students who are now or have been among the leaders in the Health Physics Profession. The number of graduates who have made significant contributions to Radiation protection and related professions in industries, education, research, medicine and government is beyond any attempt to measure. The legacy of Dr. J. Newell Stannard and the University of Rochester is huge and still growing.

Dr. Stannard recently said: "Mine has not been a spectacular career but it has been eminently satisfying and filled with chances to make a difference thanks to the love and support of family, friends and colleagues. I would like to be remembered primarily as a teacher, as one who helped pave the way for others to reach their full potential. Indeed having students who in time have had students, gives such a career an aura of immortality that is something to treasure."

Dr. Newell is survived by his wife Helena Ruth Stannard, daughter Susan Frazier and her husband, and granddaughter. He is also survived by his brother Robert and his wife and six grandchildren and eleven great-grandchildren.

Donations may be made to the:

J. Newell Stannard Graduate Scholarship Fund
at the University of Rochester School of Medicine and Dentistry,
c/o Jack Kreckel,
590 Mt. Hope,
Rochester, N. Y. 14620-8993

Arthur Furst, Ph.D. Fellow, ATS December 25, 1914 – December 1, 2005

It is with great sadness that I report the death of Arthur Furst, toxicologist and educator and dear friend, on December 1, 2005. A founding member of the American College of Toxicology (ACT), Dr. Furst was truly a father of toxicology and mentor of the Society. He was preceded in death by his wife, Florence. He is survived by his sister Yetta Hyman and brother Harold Furst, children Carolyn Smith, Adrienne Furst, David Michael Furst and Timothy Daniel Furst, grandsons Brandon Donald Smith and Kevin Michael Smith, and great-granddaughters Caitlin Marie Smith and Olivia Florence Smith.

In addition to all of the achievements cited below, Art made unique and pivotal contributions to ACT. These are more fully described in the "Introduction" to a special issue on the toxicology of heavy metals, which was dedicated to him on the occasion of his 75th birthday (JACT, 1989, 8:1229-1230), and in comments made regarding the history of the ACT [*Int. J. Toxicol.* 23(5):285-299] and the history of the journal of the ACT [*Int. J. Toxicol.* 23(5):281-284]. A founding member of the ACT, he served as the first Secretary, and in 1986, was awarded its highest honor, Fellow Membership status, an award recognizing his continual service to the Society, in addition to his contributions to the field of toxicology. Dr. Furst was active in the organization of the Journal of the American College of Toxicology, identified its Founding Editor, served as an invaluable Associate Editor from 1982 until 2002, and continued to review manuscripts until his death. His personal funding made it possible for the ACT office to purchase its first computer. In 1986, he funded and founded the Furst Award, to be given to the pre- or postdoctoral fellow presenting the best research paper at each annual ACT meeting, and personally attended.

Art was the epitome of the self-made person and devoted husband and father. Born in Minneapolis, MI, on December 25, 1914, he was orphaned at the age of four, after which he was reared in orphanages and by relatives until he entered college. He began as a psychology major at City College of Los Angeles, and later transferred to the University of California (UCLA) as a chemistry major, where he took an A.B. in chemistry with minors in mathematics, physics, and psychology, and an M.A. in chemistry with minors in mathematics and education. He also studied modern dance and seriously considered a career in dance, a talent he continued to pursue and share until recently through his interest in teaching folk dancing.

He married Florence Wolovith in 1940, and on the same day, obtained a position teaching chemistry at San Francisco City College. During World War II, he was "frozen" in a teaching post in which he taught chemistry at City College of San Francisco, University of San Francisco, University of California at Berkeley and San Francisco State College, commuting to at least three of these institutions in any given semester. After the war, he chose to stay at the University of San Francisco, and while still teaching, he obtained a Ph.D. in chemistry in 1948 from Stanford University. In 1983, he received a D.Sc. (Honoris Causa) from the University of San Francisco.

Dr. Furst taught chemistry at San Francisco City College and the University of San Francisco, and pharmacology at Stanford School of Medicine. He founded and directed the Institute of Chemical Biology at USF and retired from USF as Distinguished University Professor in 1980, after having served 4 years as Dean of the Graduate Division. He continued to supervise graduate students and consult on toxicology for various industries and government agencies until his death.

Dr. Furst contributed over 300 articles to professional and scholarly journals. He is the author of *Chemistry of Chelation in Cancer* (1963), *The Toxicologist as Expert Witness* (1977) and *151 Myths in Everyday Science* (2004) and was writing a book on the toxicology of metals at the time of his death just short of his 91st birthday.

He was a Member of 17 professional societies and Fellow of 6, including the American College of Toxicology (President in 1985; Associate Editor of Journal, 1982-2002). He was a Life Member of professional honor societies Sigma Xi, Phi Lambda Upsilon and Alpha Sigma Nu. He received of numerous (8) professional awards including: Professional Achievement award from the UCLA Alumni Association in 1992; Lifetime Contribution Award from the American College of Toxicology (first time ever given) and Lifetime Recognition Award from the Society of Toxicology (first time ever awarded).

Dr. Furst endowed awards at UCLA and USF, an annual ethics lecture at the Pacific Graduate School of Psychology and established 3 memorial funds and student loan funds in the name of his wife and family. An undergraduate scholarship at USF and an annual health lecture at Stanford have been endowed in his honor by GNLD International.

Memorial contributions may be made to the charity of your choice. The family suggested that donations be made to the Arthur Furst Award, which is presented to the student who presents the Best Paper at the Annual Meeting of the American College of Toxicology, (www.actox.org).

I have included a few photos of Art and two personal notes, the first sent October 1, 2001, and the second sent February 15, 2005.

October 1, 2001 -

"Dear Mildred:

Thanks for your nice e-mail note. If luck is with me, I expect to be at the next ACT meetings (He was).

They tell me I had a "massive" stroke; but who believes the doctors. Within 5 days, none of them could find any decrement in my actions or speech. The paralysis just went away; my speech came back; the neurologist said that I was faster than he was in the interpretations of some of his tests. So what? I must take it a bit easier--very hard to do."

February 15, 2005 –

"Dear Mildred:

Thank you for keeping me informed on the activities of the ATS. I will miss the ACT and SOT meetings this year. Should your travels bring you to the San Francisco Bay Area, let me know.

I have to adjust to being 90 years. I can no longer kick over my head as I could when I was 80!"

To Art, with fond memories of the many years of friendship, projects worked on together and dances,

Mildred S. Christian, Ph.D., Fellow, ATS
Founding Editor, JACT (now IJT)



Regional Chapter/Specialty Section News:

Northeast Chapter of the Society of Toxicology Annual Meeting

The Northeast Chapter of the Society of Toxicology had their Annual Meeting October 7, 2005, at Boehringer Ingelheim Pharmaceuticals, Inc. in Ridgefield, CT. The meeting focused on Juvenile Toxicology, with leaders in the field as speakers.

Dennis M. Hinton, PhD, USFDA, spoke on Combining Genotoxicity and Immunotoxicity Studies for Risk Assessment of Hepato-Carcinogens Using Aflatoxin-B1 as a Model Compound (Using both Young and Mature Rats). **Gary R. Burleson**, PhD, BRT Burleson Research Technologies Inc., presented Juvenile Toxicity: Immunotoxicity Strategies. Testicular Dysgenesis Syndrome and Animal Models of Endocrine Disruption was given by **Kim Boekelheide**, MD, PhD, Brown University. **Robert M. Parker**, PhD, DABT, Hoffman-LaRoche, spoke about EPA OPPTS 870.6300 Developmental Neurotoxicity. The FDA and EMEA Expectations on the Assessment of Juvenile Toxicology and Its Impact on Drug Development was presented by **Gregg Cappon**, PhD, Pfizer Inc. A roundtable discussion followed the seminars, and attendees enthusiastically participated.

Students presented posters describing their research, and three winners were given awards and checks:

Jianxun Xie and Zahir A. Shaikh, Department of Biomedical and Pharmaceutical Sciences and Center for Molecular Toxicology, University of Rhode Island, Kingston, RI won first prize, \$500.00, for their work, Role of NF- κ B in cadmium-induced apoptosis in rat kidney cells.

Second prize, \$250.00, went to **Jeffrey S. Moffit**, Lauren M. Aleksunes, Jonathan M. Maher, George L. Scheffer, Curtis D. Klaassen, and Jose E. Manautou, Department of Pharmaceutical Sciences, University of Connecticut, Storrs, Connecticut and Department of Pharmacology, Toxicology, and Therapeutics, U of Kansas Medical Center, Kansas City, Kansas, and Department of Pathology, VU Medical Center, Amsterdam, The Netherlands, Induction of hepatic transporters Mrp3 and Mrp4 by Clofibrate is regulated by PPAR α .

Teresa Rasoulpour, Susan Hall, and Mary Hixon, Department of Pathology and Laboratory Medicine, Brown University, Providence, Rhode Island, won third prize, \$100.00, for their work: Akt1 participates in thyroid-dependent Sertoli cell proliferation.

Sponsors provided assistance in making the meeting a big success: **Boehringer Ingelheim Pharmaceuticals, Inc.**, provided the facility for the meeting. **Covance** donated food for breakfast and the morning break. A K-12 education center provided information about their education program. **GeneLogic, Inc.**, **Elm Hill Breeding Labs**, and **Millbrook Breeding Labs** had booths with information about their services.

Regional Chapters Nurture Future Toxicologists

By Pamela Shubat, Northland Regional Chapter Committee on K-12 Education Coordinator

SOT regional chapters have active education programs for school-age children (K–12) to teach toxicology concepts and share career information. Through these programs SOT members interact with teachers, community leaders, students, and youth. The variety of outreach and interaction is remarkable. There is something for anyone interested and willing to interact with children or adults.

Science classroom enrichment: Individual members of many chapters volunteer in their children's classroom and give lessons and demonstrations using tools such as Tox-in-a-Box, ToxRAP, BioRAP, or seed bioassays.

Career programs: Chapter members have staffed tables or made presentations at career events. The Northland Chapter uses a simple career display and has created a poster to give to classroom teachers.

Science fairs: Members seek out opportunities to work at science fairs. The National Capital Chapter recommends sponsoring a cash prize annually for toxicology related posters.

Teacher mentorship: Some members develop a mentor relationship with a classroom teacher or district science specialist in order to advise the teacher on incorporating toxicology concepts into the science curriculum.

Teacher toxicology trainings: Many chapters have sponsored trainings with an already developed tool and trainer (such as ToxRAP and Tox-in-a-Box); support a specific curriculum (such as the NIEHS Chemicals, the Environment, and You); or have put together a customized training based on local expertise and local issues (the Paracelsus in the Classroom model).

Teacher workshops in science: Chapters find it is even easier to bring the toxicology to the teachers at events such as science teacher conventions. Giving away a prepackaged bioassay kit or demonstrating experiments and activities provides more opportunity to talk to teachers about incorporating toxicology concepts into their teaching.

Partner with national group events: Remarkable partnerships can develop when Chapters locally co-sponsor events such as [National Poison Prevention Week](#), [Sally Ride Science Festivals](#), and others that promote a toxicology connection. The Southeastern Chapter has members who help with [Brain Awareness](#) month.

Partner with local events and organizations: There are even more local partnerships that Chapters have developed in planning events with local universities, museums, science fairs, conferences, and summer school programs. The Southern California Chapter will showcase such a partnership in an event at the [San Diego Natural History Museum](#) the opening day of the 2006 SOT Annual Meeting.

Organize an event for local community groups: Chapter members can connect with youth clubs and other community groups to earn science badges, host a science fair, investigate a wetland problem, or run a science camp. The Northland Chapter helps Girl Scouts earn the Environmental Health Badge.

Internships for high school students: Either through a program or on an individual level, Chapter members can arrange internships for high school students in agencies or laboratories.

Science literacy is a growing concern. As indicated in the 2005 National Academy of Sciences, National Academy of Engineering, and Institute of Medicine report "[Rising Above the Gathering Storm: Energizing and Employing America for a Brighter Economic Future](#)," the pre-eminence of the United States in science and technology, and the health of the national economy, is dependent upon immediate actions to maintain the current position in spite of the pressures of increasing globalization and low-cost labor in other parts of the world. Among the recommendations of the Committee on Science, Engineering, and Public Policy are to:

- Increase America's talent pool by vastly improving K–12 science and mathematics education.
- Develop, recruit, and retain top students, scientists, and engineers from both the U.S. and abroad.

SOT has been involved in projects to bolster science education for many years. Scientific societies and their members can continue efforts to improve K–12 science and mathematics education. There is a role for scientists in attracting children to science and making children aware of scientific concepts. Through K–12 programs, toxicologists interact with children, the adults who teach children, and the public. Career toxicologists have a wealth of experience to share with the next generation, and Chapters have found that there is no shortage of children ready to listen and learn.

Most Regional Chapters have a [K–12 outreach contact](#). Get in touch with your regional chapter officers to find out what you can offer to support K–12 activities within the chapter. You can also contact [Pamela Shubat](#), regional activities coordinator for the Committee on K–12 Education, or indicate your interest to [SOT Headquarters](#). Ideas and other resources are found on the [K–12 Outreach for Scientists](#) Web site.

What's New On the Web Site?**Recent Web Site Enhancements and User Survey**

SOT hopes that you have found the redesign of the Web site to be an overall improvement. The new site was launched last May and provides an environment that is cohesive and incorporates the content into the easy-to-navigate, low-bandwidth design to more effectively communicate the Society's message. SOT continues to make the development of web-based information and services a priority. These efforts can be measured by the increasing traffic to the site and use of the on-line systems (including Annual Meeting Registration, Abstract Submission, Award Nomination, By-Laws and Officers Ballots, Job Bank, Membership Application and Renewal, and Volunteer Submission).

Recent enhancements to the membership database feature the display of additional information related to your contact information and activities. The personal information section offers the option for primary and alternate address and e-mail contact information to be on record and managed by you. In addition, information about your membership activities including meeting registration, membership renewal, subscriptions, and participation in specialty sections, regional chapters, and committees are available to you on-line.

The SOT Web site is a "work in progress" and Council, WWWAC, and staff continue to work with you to make enhancements to the site. You are encouraged to provide us with feedback *via* the on-line [Feedback Form](#) and/or complete the [Web Site User Survey](#) to assist us in meeting your needs. Those who complete the survey will have the opportunity to participate in a Web site trivia contest by Feb 2, 2006, and be entered into a drawing to receive a complimentary 2006 Annual Meeting Registration. Your responses and suggestions will be the basis of discussion for the upcoming Focus Group Luncheon at the Society of Toxicology's Annual Meeting.

Please join us in continually improving the SOT Web site so that it serves all needs identified by the membership. SOT will make use of future user surveys and focus groups to identify what's working and improve on what's not. The Society is seen as a leader in the scientific community. Long-term, the SOT site will be a global resource and tool for the scientific, academic, and public communities.

Career Resource and Development Services:

Placement Ads

**School of Medicine
Department of Community and Environmental Medicine**

UNIVERSITY OF CALIFORNIA, IRVINE

The department is seeking to fill a position for an Assistant (tenure-track) or Associate Professor or Professor (tenured) in the School of Medicine. Demonstrated success in publication in flagship journals in the area of toxicology, environmental health sciences and/or public health research is required. Evidence of peer-reviewed funding is required in a research area related to the adverse effects of environmental chemicals on human health, with strong emphasis at the molecular level, or related areas in environmental health sciences. A record of effective teaching skills is essential, as the successful candidate will be expected to contribute significantly to graduate teaching in environmental toxicology and public health. Applicants must possess the Ph.D. or M.D. degree, and postdoctoral training in toxicology or environmental health sciences is preferred. Salary will be commensurate with experience. Send curriculum vitae and names of three references to Professor Ronald C. Shank, Department of Community and Environmental Medicine, University of California at Irvine, Irvine, CA 92697-1825.

The University of California, Irvine has an active career partner program and an NSF ADVANCE program for Gender Equity and is an Equal Opportunity Employer committed to excellence through diversity.

Director/Senior Director of Research—Toxicology

Charles River Laboratories Preclinical Services, Nevada is seeking a Director/Senior Director of Research to join our senior scientific team in the Department of Toxicology. The successful candidate will have proven supervisory and leadership experience, and will provide supervision and/or mentoring for a group of 3-5 study directors. Senior expertise in the conduct, interpretation and reporting of complex non-clinical toxicology and pharmacology studies in multiple species is required. The candidate will provide expert scientific oversight, including detailed review of reports, protocols and other critical documents. Specialized expertise in a particular area of applied research (e.g., immunotoxicology, safety pharmacology) and associated business development skills is highly

desirable.

A doctoral degree is preferred and a minimum of 5 years experience in an industrial laboratory within the pharmaceutical or biotechnology industry or in a contract testing facility. DABT certification is desirable.

Must be team-oriented, have excellent communication skills, and have a strong desire to achieve high performance standards.

Charles River Laboratories provide a generous benefit package which includes medical, dental, vision, prescriptions, life, 401K, vacation, a relocation package and a competitive salary.

Send cover letter and CV to: Charles River Laboratories-Human Resources, P.O. Box 4576, Sparks, NV 89432-4576 or hr-reno@us.crl.com, or fax: 775.331.2289 or visit us online at www.crl.com.

Molecular Environmental Toxicology

Duke University's Nicholas School of the Environment and Earth Sciences (NSEES) invites applications for a tenure-track position in molecular environmental toxicology. Rank for this position is open at the assistant, associate and full professor levels. Relevant research interests include, but are not limited to, elucidation of molecular mechanisms underlying effects of environmental stressors including pollutants, toxicogenomics, comparative molecular biology and toxicology, alternative model systems for human health research, and molecular approaches for understanding environmental and human health.

NSEES, with an interdisciplinary faculty of 50, offers professional masters degrees and graduate (M.S. and Ph.D.) degrees, and directs Duke's undergraduate environmental programs.

There are numerous opportunities for interdisciplinary collaboration within the Nicholas School and with other academic units across the campus. Of particular relevance to this position are existing NIEHS-funded research centers principally involving Nicholas School and the Duke University Medical Center faculty (Superfund Basic Research Center, Center for Comparative Biology of Vulnerable Populations, Center for Geospatial Medicine, and Integrated Toxicology Program). Additionally, the Nicholas School recently launched the Nicholas Institute for Environmental Policy Solutions that will interface cutting edge science and policy approaches to solve major environmental problems.

The successful applicant is expected to have, or to develop, a nationally recognized, externally funded research program and to teach 2.5 courses per year.

Send letter of interest, curriculum vitae, a one to two page summary of research and teaching plans, and names and contact information for three references to: Dr. Richard T. Di Giulio, Chair, Molecular Environmental Toxicology Search Committee, Nicholas School of the Environment and Earth Sciences, Box 90328, Duke University, Durham, NC 27708-0328. Review of applicants will commence January 2, 2006 and continue until the position is filled.

Duke University is an Equal Opportunity/Affirmative Action Employer.

PHARMACOLGY/TOXICOLOGY Forensic Toxicology

The Department of Biology at Indiana University-Purdue University Indianapolis (IUPUI) invites applications for the tenure-track position of Assistant Professor in the area of Forensic Toxicology or a related field of Pharmacology/Toxicology starting Fall 2006. The successful candidate will establish an independent, externally funded research program and contribute to teaching and mentoring at the graduate and undergraduate levels, and will be expected to interact with the IUPUI Forensic & Investigative Sciences Program, the Indiana State Department of Toxicology, and the Indiana University School of Medicine, all located on the IUPUI campus. Applicants should have a Ph.D. in toxicology or any relevant biological science and postdoctoral research experience. Candidates must be sensitive to the needs of and possess an interest in working in an academic community that is diverse with regard to gender, race, ethnicity, nationality, sexual orientation, and religion. Applicants should submit a cover letter, curriculum vitae, and a statement of research and teaching interests to: Forensic Toxicology Search Committee, Dept. of Biology, IUPUI, 723 W. Michigan St., SL306, Indianapolis, IN 46202-5132. Three recommendation letters should also be sent to the same address. Contingent on funding, evaluation of applications will begin immediately and continue until the position is filled.

The IUPUI campus www.iupui.edu, located in downtown Indianapolis www.indy.org, has 29,000 students, and has the only academic Forensic Science program in the state. IUPUI attracts more external research funding than any other university campus in Indiana.

Senior Toxicologist

The Company: Fortune 500 Food Company

Location: Chicago, Illinois

Compensation: \$100-125,000

Relevant Experience:

1. At least 5 years experience getting new food additives approved through the FDA and/or FEMA GRAS.
2. Understands the toxicology testing required in the FDA Red Book for new food additive or flavor substance regulatory approvals including the paradigm of the chemical structure, the exposure to the general public versus the exposure to sensitive groups (e.g. pregnant women or children) and how this is used to establish levels of concern and the safety testing described in these levels of concern.
3. Experience designing feeding and genotoxic studies for food additive approvals, working with GLP testing facilities and monitoring studies for compliance to protocols.
4. Experienced in the preparation of documentation for submissions to regulatory authorities for food approval.
5. Ph.D. in Toxicology or Pharmacology or related field.

Qualified candidates should contact our consultant:

Scott Sargis
President
Strategic Search Corporation
312-944-4000
ssargis@strategicsearch.com

[Job Bank: Career Resource and Development Service On-Line](#)



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