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Communiqué

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Society of Toxicology
Communiqué

Winter Issue 2005

News in This Issue

President's Message

Dear Fellow SOT-ers,

When I opened my local paper to the editorial page today, I was hit by the headline, "Better rules for advisory panels." The highlighted text said that "Congress should restore a ban on financial ties between federally funded scientists and the drug industry." This editorial was in reference to the recent Associated Press story noting that eight of the nine top ranked physicians who advised the federal government to lower its cholesterol guidelines were taking money from the manufacturers of two statin drugs. But, it made me think how slippery is the ethical slope between real and perceived conflicts of interest, and how important it is, for all of us, to maintain our credibility by making full disclosure in all aspects of our professional lives. It is highly unlikely that any of the physicians involved in the federal panel betrayed the public trust; but there clearly is a conflict of interest, or at least the perception of a conflict. In fact, I would argue that a conflict of interest can often not be determined by the individual involved, but by what other people think. So, it is extremely important that we all let people know who supports our work, and then let people draw whatever conclusions they might.

That being said, I think that this entire issue of advisory panels is of great concern for all of us. Within the past year or so there have been many reports of the politicization of advisory panels; of litmus tests being applied; of arbitrary rules being established. We need to keep pushing for the people with the most expertise to sit on advisory panels, regardless of their affiliations or their employers. But, we must also insist on full disclosure. That allows for balance of views and perceptions.

During the past year, I have been trying to open up the Society to scientists who have not been involved in the past, either because they did not know how diverse a group we are, or how welcoming we can be. Many of our members may not realize that while academia and industry each account for about 35% of our membership, toxicologists in various government organizations, including international, federal, state, and even some local, are nearly 20% of our membership. The remaining SOT members are largely composed of consultants — who work for a very diverse group of clients (yes — they need to disclose for whom they work when they serve on advisory panels), and a very small number of toxicologists who work for non-government organizations (NGOs). There is a real need to include the NGOs in our SOT umbrella, as they represent a viewpoint which often carries a great deal of weight, and unfortunately may not be based on the latest scientific information. But, if we want to share the best science, we would benefit from including them in our deliberations. So, the next time you are at a public meeting, or are talking to people in the area of public health or environmental policy, let them know there is room in the SOT tent for them!



Visit the [2015 Annual Meeting Website](#)

Mark Your Calendar for SOT 2016:
 March 13-17
 New Orleans, Louisiana

By the time you receive this message, the 2004 election will be over and we will know who our political leaders will be for the coming years. I urge all of you to get to know your new, or old, Congressperson so that you can become a resource as they deal with the complex scientific issues that underpin many major decisions. Only by establishing an ongoing, working relationship will you be contacted when questions arise. If you need assistance identifying your representatives, new or old, please contact a member of the Regulatory Affairs and Legislative Assistance Committee, or contact SOT headquarters. We have a valuable resource that will assist SOT members to contact their member of Congress.

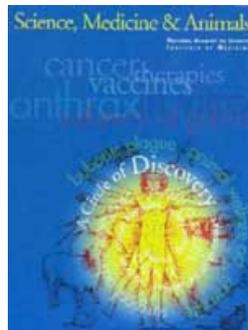
I know that some of us are happy with the outcome of the 2004 US elections; others are not. But, we all share the goal of being the key resource for science, and especially toxicology, information in the service of public health and the environment.

Fondly,

Linda Birnbaum

2004–2005 SOT President

SOT Supports Distribution of ILAR Booklet for Teachers



SOT is contributing to the distribution of new materials by the Institute of Laboratory Animal Research (ILAR) at the National Academies of Sciences. Central to this effort is a booklet to present factual information about the use of animals in research to teachers and students. Working together, research institutions can counteract the flood of materials directed to children by animal rights groups.

One of the initial objectives of a cooperative effort between the Education Committee/K-12 Subcommittee and the Animals in Research (AiR) Committee has been to review this new publication, *Science, Medicine, and Animals: A Circle of Discovery* to endorse its use for presenting issues concerning the use of animals in research. Based upon our recommendation, the SOT is supporting this effort by making a generous contribution to support the final editing and distribution costs of the booklet. The project will also include a separate teacher discussion guide and other instructional materials appropriate for students. An excellent dissemination plan is in place to put it in the hands of each of the 39,000 middle and high school biology and life science teachers in the United States this school year.

Science, Medicine, and Animals: A Circle of Discovery, is a colorful document with appealing graphics and photos. The booklet begins with an introduction that describes some of the ethical issues surrounding animal research and follows with a discussion of the theory of germs with relevant references to common infectious diseases and bioterrorism threats. The ensuing chapters explain how animals have directly contributed to medical advances such as vaccines, better understanding of epilepsy, surgical advancements, and cancer therapies. One chapter explains the concept of basic research, and another deals with safety testing. Another chapter outlines the regulation of animal research, including the role of the Institutional Animal Care and Use Committee, and the final chapter deals with efforts to use laboratory animals "more efficiently," focusing on the Three Rs. A comprehensive resource list is also included in the 52-page booklet. The content has been reviewed by a diverse and credible set of reviewers. This publication will provide a quality counterbalance to the messages targeted to this population by animal rights groups.

The booklet can be accessed online at [The National Academies Press](#). The entire document can be read online or purchased in either print or as a pdf.

SOT will have copies to distribute in K-12 outreach activities nationally and through the regional chapters. The SOT funding of this document is visible evidence of the long-standing interest and support by SOT in educating the public on the use of animals in research.

Historical Highlights Session Added to the SOT Program

Based on an excellent submission for the 2005 SOT Annual Meeting, the Program Committee has initiated a featured "Historical Highlights" session starting with the 2005 Annual Meeting. Since this session is envisioned to occur every year, the Program Committee is encouraging submissions for the 2006 Annual Meeting.

The Historical Highlights session will be approximately 90 minutes long and can include single or multiple speakers as may be appropriate for the topic. The selected topic should be broad based, include the contributions of multiple laboratories and feature the review of a historical body of science that has impacted the field of toxicology. The title should be descriptive of the advancement that has been achieved and/or the impact of the advancement. While presentations should appropriately recognize individual and group contributions during the presentation, the Historical Highlights session is not intended to be a memorial lecture and the names of individuals should not be included in the title.

Submissions are encouraged from any source but endorsement by the appropriate Specialty Sections should be sought to assist the Program Committee in making a final decision for inclusion in the program.

SOT Members, Staff Assist with NIEHS Core Center Evaluation

NIEHS has initiated its first comprehensive review since the Institute was established in 1969. Ongoing peer review of individual Core Centers has been routine, but this will be the first review of the entire Core Centers Program, which has operated since 1975. The study will establish baseline data, provide benchmarks for continuing evaluation, and recommend ways that the Core Centers Program can be most effective in encouraging the highest quality environmental health science research and community outreach possible. SOT members **Kenneth Ramos** and **Martin Philbert** are serving as co-chairs of the NIEHS Core Centers Evaluation Working Group. Another member of the Working Group is **Betty Eidemiller**, SOT Director of Education. The Working Group will use data assembled by NIEHS staff to address a series of program evaluation questions in a process based on the Institute of Medicine recommendations for Institute review. Their report will be reviewed by the National Advisory Environmental Health Sciences Council in February 2005. The Working Group attended the NIEHS Core Center Directors Meeting at NIEHS in mid October in advance of their review meeting.

The intent of the NIEHS P30 Center award is to stimulate multidisciplinary approaches to joint research programs, strengthening productivity and development of methods through collaborative, multidisciplinary approaches using centralized resources and facilities. The Core Center award also supports a connection between the Center and the community through the Community Outreach and Education Program (COEP). The COEP produces outreach and educational materials and programs based on research at the Center. The SOT K-12 Subcommittee uses materials developed at the COEP and assistance of COEP staff in many of the SOT outreach activities.

Upcoming Election: 2005 SOT Officers

Ballots for the election of Council Officers and elected standing committees will be sent via e-mail to members by January 1, 2005. Offices to be filled include the Vice President-elect, Secretary-elect, two Councilors, two members each to the Membership and Education Committees, two members to the Awards Committee, and four members to the Nominating Committee.

Please vote on-line on or before **February 1, 2005** 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 2005 Annual Meeting in New Orleans.

Annual Meeting News

Special Sessions at 2005 Society of Toxicology Meeting

A number of special sessions will be part of the 2005 Society of Toxicology Annual Meeting in New Orleans, Louisiana. These include the following:

Plenary Lecture : Monday, March 7, at 8:30 AM – 9:15 AM

Dr. John D. Graham, Office of Management and Budget, the 2005 Plenary Lecturer, will engage the audience with his presentation entitled "Regulatory Reform in the United States: Progress and Challenges."

Issues Session: Wednesday, March 9, 12:00 NOON – 1:00 PM

Impact of the Reorganization of NIH on Training of the Next Generation of Toxicologists. A panel of representatives from the NIH Center for Scientific Review, NIEHS, past and current NIH Study Section chairs, and the SOT Task Force on NIH Funding will discuss the impact that the reorganization of NIH will have on the training the next generation of toxicologists.

Chairperson: David Eaton, University of Washington

SOT/EUROTOX Debate: Motion: Nanoparticles are a Major Threat to Human Health

Tuesday, March 9, 12:00 NOON – 1:00 PM

Sponsored by: SOT/EUROTOX

Debaters: (SOT) Joseph V. Rodricks, The ENVIRON Institute for Health Risk Sciences, Arlington, VA
EUROTOX: Anthony Seaton, University of Aberdeen, Scotland

Medical Research Council (MRC) Lecture - Tuesday, March 8, 12:00 NOON – 1:00 PM

Lecturer: Stuart Lipton, Professor and Scientific Director, Center for Neuroscience and Aging, the Burnham Institute, Professor (adjunct) the Salk Institute, The Scripps Research Institute, and the University of California, San Diego

Title: TBA

Forum on Grantsmanship and Sources for Research Support - Tuesday, March 8, 1:30 – 3:30 PM

Chairpersons: **Mitzi Nagarkatti**, Virginia Commonwealth University, Richmond, VA, and **Rosita Proteau**, Oregon State University, Corvallis, OR

Sponsored by: Career Resource and Development Committee and Education Committee

Reorganization of the NIH Study Sections, **Patrick Mastin**, NIEHS, Research Triangle Park, NC

Non-Conventional Sources of NIH Funding, **Carol Schreffler**, NIEHS, Research Triangle Park, NC

Funding from Environmental Protection Agency, **Elaine Z. Francis**, U.S. EPA, Washington, DC

Funding Alternatives to NIH: Being Creative, **Jean F. Regal**, University of Minnesota Medical School, Duluth, MN

For a complete listing of SOT special events and up-to-the-moment details, access the [Special Sessions information](#) section from the Annual Meeting Web pages.

44th Annual Meeting Information

Annual Meeting Sponsorship

It is the generous contributions of the Annual Meeting Sponsors that allow SOT to keep member registration rates affordable. There are currently five levels of sponsorship: Diamond (over \$10,000), Platinum (\$5,000 – \$9,999), Gold (\$2,500 – \$4,999), Silver (\$1,000 – \$2,499), and Contributor (\$500 – \$999). Reference the Annual Meeting Web site for more information on [sponsorship opportunities](#), please contact **Libby Jones** via email, or by phone at (703) 438-3115.

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](#).

SOT Long-Range Plan Initiatives: The Annual Meeting Impact

Did you know that your choice of hotel for the SOT Annual Meeting has a direct impact on the Society's [Long-Range Plan](#) (LRP) initiatives? For the 2005 SOT Annual Meeting we have partnered with several hotels in New Orleans where arrangements have been made for you to receive special convention rates during the Annual Meeting. Although we understand that staying outside of the chosen hotel block can sometimes be more economical, it decreases the money available to the Society to carry out its long term goals.

Our contract has been negotiated so that hotel rooms within the SOT block receive a commission, with all commissions paid directly to SOT. SOT depends on the Annual Meeting revenue to fund other programs throughout the year including Student awards, travel grants, fellowships, internships, and the K–12 teachers program to name a few.

Please keep SOT in mind when making your [hotel reservations](#) for the [SOT 2005 Annual Meeting](#).

Students: Add these Events to your Annual Meeting Schedule!

The [Student Advisory Committee](#) (SAC) and other SOT groups are organizing many events of special interest to students. These include the popular Student/Postdoctoral Fellow Mixer on Sunday night, the In Vitro Toxicology Lecture and Lunch on Tuesday, and the [Lunch with an Expert](#) (LWAE) gatherings throughout the meetings. Registration for the Mixer and the Lecture is on the Annual Meeting [Registration Form](#) and registration for LWAE is at the link given above.

In addition, SOT Council has reserved time on Wednesday night for a conversation with student members, so please come and contribute your thoughts. Specialty Sections would like to see an increase in student participation, so you won't want to miss the Specialty Section events of interest to you.

Here are other sessions of special note to students:

- Saturday, March 5, 5:00–7:00 PM. "Career Move: An Amalgam of Opportunities and Uncertainties." This workshop is targeted to those seeking career advancement opportunities and will address the major issues that are faced particularly prior to job seeking such as marketing yourself, critical decision-making, and negotiating offers.
- Monday, March 7, 4:30–6:00 PM. Consulting as a Career Choice.

Participants will learn about life as a toxicology consultant, choosing to operate as a sole practitioner *versus* joining a company, starting a consulting business, consulting following retirement, and Internet-based and other tools to increase your visibility and client portfolio.

For full information, check the [Student Events](#) section of the Annual Meeting site and the Annual Meeting calendar. In January, the SAC will publish the Student Event Planner for the 2005 SOT Annual Meeting. This planner details student events and is intended to assist students in planning their daily activities for the SOT meeting. This is a valuable resource for any student attending the meeting!

The SAC will publish a spring *SOTudent Newsletter* that will highlight all of the student events and other exciting activities from the 2005 SOT Meeting in New Orleans. For those of you who are unable to attend the meeting, this newsletter will be a great way for you to keep informed about student issues and events that transpired at the meeting.

SOT Seeks Hosts for the 2005 Minority Student Program

Will you serve as a Host for a group of minority undergraduate students and their advisors at the 2005 Annual Meeting in New Orleans?

The success of the Undergraduate Education Program for Minority Students program depends not only on the excellent speakers, but also the Hosts and graduate student Peer Mentors who participate with the students.

The Hosts and Peer Mentors arrive Saturday, March 5, 2005, and meet their groups during the evening reception. Each group includes one or more toxicologist Hosts, a Peer Mentor (who has participated previously in the program or is in graduate school), an advisor from an undergraduate institution, and four or five students.

During the two-day program, the groups will investigate the field of toxicology, interact with poster presenters, learn about toxicology as a career, and explore options for graduate school. Hosts meet at various times with students from Saturday evening through 1 PM Monday to put the students at ease, discuss what a career as a scientist is like, answer questions, help students find the rooms for their sessions, review posters, and visit the exhibit hall and scientific sessions together.

This is a rewarding opportunity to mentor students. To volunteer, please contact the Subcommittee for Minority Initiatives member [Peter Thomas](#) or [Betty Eidemiller](#) at [SOT Headquarters](#).

Regular Features

Call for 2006 CE Proposals

The Continuing Education (CE) Committee promises another exciting Annual Meeting Program 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 2006. Proposals must be submitted on-line by April 30, 2005. 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 14 years, has been 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 2006 SOT Program.

If you would like to review the 1990-2004 CE Matrix, please contact your SS President, [Nichelle Sankey](#), or [Ken Wallace](#).

Post-Doctoral Task Force Identifies Steps Forward

*Submitted by **Jim Luyendyk**, SOT-PDTF Coordinator*

The SOT Post-Doctoral Task Force (SOT-PDTF) began its activities in September 2004. The SOT-PDTF is an extension of the Student Advisory Committee (SAC) and is comprised of post-doctoral members of the SOT. The primary purpose of this group is to assist the Society in better meeting the needs of its post-doctoral membership. The SOT-PDTF communicates primarily through an on-line message board system. Thus far, several issues have been discussed, including proposed additions to post-doc awards and events at SOT annual meetings. Perhaps the most exciting action the Task Force is taking is creation of a Web site targeted specifically for post-docs. This site will concentrate all relevant Society post-doctoral information so that it is only 1-2 clicks away! In addition, this site will be home to web-based surveys, distribution of SOT-PDTF updates and more! Post-docs, watch your e-mail for further announcements!

It is not too late to join the SOT-PDTF! No Committee experience necessary! If you are a post-doctoral member of the Society, you are fully qualified. For more information, contact [Jim Luyendyk](#).

U.S. EPA Uses SOT Educational Outreach Materials to Share Science with Students

SOT provided educational outreach materials for a recent workshop "Science is Cool – Take it to School" at U.S. EPA in Research Triangle Park, NC. The objective of the workshop was to encourage U.S. EPA scientists to share their expertise and enthusiasm for science with students in the community. The workshop included strategies for sharing science with students, environmental education resources available such as the SOT materials, and demonstrations of several hands-on activities: measuring lung capacity, making simple "particle collectors," understanding weather, viewing chromatography in action, seeing how germs and pesticides can be carried through exposure, and playing U.S. EPA's Air Quality Jeopardy.

Many resources for grades K-12 are available in the [Toxicology for Educators](#) section. However, SOT frequently provides print education outreach materials to scientists, teachers, and students upon request. These items include the colorful toxicology career brochure, copies of educational leaflets such as the *BioRAP* issue on Risk Assessment and *BioSTARS* issue on poisons, content of presentations given to past teacher workshops, and other materials used in conjunction with K-12 Subcommittee outreach activities and exhibit. The K-12 Subcommittee also has connections to the Regional Chapters through the K-12 Regional Chapter education outreach contacts, coordinated by **Marion Miller**. Whether you want to give a career day presentation in your child's classroom, or start a local effort to enhance science education, look for resources in the [Toxicology for Educators](#) section or contact [SOT Headquarters](#) for more information.

The SOT materials sent to North Carolina have been put to good use. Since the September 30 U.S. EPA Workshop, participants have begun a bi-monthly seminar series at the NCCU Early College High School, including presentations at the historically black university on October 27 and November 10. Scientists have also hosted a Science Day at Y. E. Smith Science and Technology Magnet School in Durham on November 9, a low-income, Title 1 school with 90% minority students.

For more information about the U.S. EPA program, contact [Kelly Leovic](#) in the National Exposure Research Laboratory.

SOT Member Active in Developing Opportunities in Toxicology for African Students

SOT Member **Chudy Nduaka** reports that the [NEF \(Africa Education Initiative\)](#) has reached an agreement with The National Institute of Pharmaceutical Research (NIPRD) in Abuja, Nigeria, to support a student internship program in toxicology. This is one initiative among many to further the advancement of science in Africa by providing materials and essential tools for education, learning opportunities, and the exchange of information. Five students have already benefited from the NEF Internship program. NEF has donated computers and other educational aids to universities and institutions in Africa, including the Nigerian institutions Ahmadu Bello University, Zaria; Abia State University, Okigwe; and The University of Ibadan, and the Liberian United Methodist University (UMU) in Monrovia, as well as others.

The Toxicology Internship Program is made possible by grants from Pfizer Corporation and Abbott Laboratories.

SOT Member Receives Honor

Submitted by **Bob Scala**

Arthur A. Levin, Ph.D., Vice-President of Development at Isis Pharmaceuticals, received the 2004 Alumni Service Award from his graduate school alma mater, the University of Rochester School of Medicine and Dentistry. He had spent 15 years on the Medical School Alumni Council and worked diligently on issues relating to graduate students and graduate alumni. His citation also noted his tireless efforts in career counseling and mentoring of students.

Make an Impact on Capitol Hill

Your members of Congress want to hear from you and SOT.

Help increase SOT's visibility as a scientific resource for Congress.

Next time you are traveling to the Nation's capital, consider a visit to your Representative's or Senators' offices. The SOT [Regulatory Affairs and Legislative Assistance \(RALA\)](#) Committee is ready to assist you in your visit. To plan your interesting and rewarding visit, contact [SOT headquarters](#) office or a member of RALA today!

SOT Northland Chapter K-12 Outreach Update

The K-12 committee of NLSOT has had an active year (2004) of outreach. The venues for outreach and education have included:

1. Participation in K-12 activities at the 2004 SOT Annual Meeting in Baltimore, MD. Meetings and events were attended by NLSOT members with posters being presented in a special poster session.
2. Participation in environmental and health career and activity event (April 2004) – This event was attended by Girl Scouts ages 9 through 17 in Hudson, WI. A highlight of the booth was Tox-in-a-Box activity and "shark's blood." (During that same weekend the NLSOT K-12 committee received a request from Ken Wallace for the use of the career display for a high school career day in the Duluth area.)
3. Participation in the Minnesota Science Teachers Association (May 2004) annual spring conference in Mankato, MN. Approximately 300 teachers attended the conference. NLSOT distributed 70 of 100 seed experiments. A highlight of the booth was a pharmacology puzzle created by NLSOT member Jeffrey Stevens.
4. Participation in the "Grand Excursion" event (May 2004) held by St. Paul Public Schools at Harriet Island Park in St. Paul. NLSOT provided a career display and discussed toxicology careers with high school students. Over 350 students participated in the event.
5. Web Action: Web master Chuck Stroebel at the MDH has posted the K-12 poster, the seed bioassay, and the classroom resources slide show on the [NLSOT Web site](#).
6. Individual outreach: NLSOT members continue to use Tox-in-a-box and ToxRAP to deliver program to youth.

Upcoming events for the remainder of 2004:

1. October 2004 – participate in the 3M Visiting Wizards teacher workshop at 3M. NLSOT will have a booth and distribute the seed bioassays.
2. November 2004 - Eye to the Future Careers Workshop to interest middle school girls in science and math. Sponsored by Augsburg College and brought to the committee's attention by chapter president Betsy Wattenberg (see http://www.augsburg.edu/nasa_space_grant/eye.html).
3. November 2004 - K-12 classroom activities for NLSOT members to be held in conjunction with the fall NLSOT meeting. Four or five classroom lessons will be shared—in a hands-on workshop—with members interested in taking these lessons into classrooms.

SOT continues to be grateful to its' Regional Chapters for their outreach efforts, and looks forward to reading more about planned activities including the teacher education opportunities that now seem to have become routine. To highlight its' outreach efforts, the committee plans include making a second career display poster that will be used in Duluth, and creating a classroom poster version of the display in addition to making copies to give to teachers. The chapter is also interested in mass-producing the pharmacology puzzle created by Jeff Stevens as a teaching tool for teachers.

If you have ideas on enhancing the public outreach efforts of the Northland Chapter, please contact Tom Brunshidle at tbrunshidle@mmm.com.

In Memoriam

Herbert Remmer
Herbert Rosenkranz

Career Resource and Development Service: Position Advertisements

Faculty Position – Diet, Metabolism and Chronic Disease Cause and Prevention

The Department of Nutritional Sciences and Toxicology and the School of Public Health at the University of California at Berkeley are seeking an Assistant Professor of Toxicology for a nine-month tenure track position starting July 1, 2005.

The appointee is expected to develop a research program in the application of molecular and biochemical techniques in cultured cells and rodent models of human chronic disease. Areas of interest include, but are not limited to, the use of cellular and whole animal approaches to investigate underlying mechanisms of, for example, the genetic bases for the role of food components in carcinogenesis, immune function, atherogenesis, abnormal development, and aging. The appointee may work with graduate students seeking advanced degrees in Molecular Toxicology, Molecular and Biochemical Nutrition, Comparative Biochemistry, Endocrinology, and related fields. The applicant should hold a Ph.D. or equivalent degree, with training and experience in toxicology/nutrition or related area. The applicant should have experience and promise in effective classroom teaching. Teaching assignments will include contributions to existing undergraduate and graduate courses, and the development of an advanced course in the biochemical role of diet in the cause and prevention of chronic disease.

Applications should be submitted to **Dr. Hei Sook Sul**, Search Committee Chair, Dept of Nutritional Sciences & Toxicology, 119 Morgan Hall, University of California, Berkeley, CA 94720-3104.

Applications should be accompanied by a complete *curriculum vitae*, a statement of research interests, copies of 2–3 publications related to current research interests, and a brief description of teaching and professional experience. Applicants should submit the names of at least three references that are able to evaluate the applicant's research and teaching potential. Application deadline: December 31, 2004. Applications postmarked after the deadline will not be considered.

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