

Society of Toxicology NEWSLETTER

January/February 1991

University of Washington Receives Gift, Launches Drive for Toxicology Chair Honoring Sheldon Murphy

In honor of Dr. Sheldon D. Murphy and in recognition of the program in Toxicology and Environmental Health in the University of Washington's School of Public Health and Community Medicine, the University of Washington has received a \$500,000 gift in the form of a challenge to be matched in order to endow a Chair in Toxicology. If funded, this will be the first endowed chair in toxicology in the country.

Dr. Murphy was renowned for his work on pesticides. As Chairman of the Department of Environmental Health during the last seven years before his death in May 1990, he helped build a strong department at the University of Washington. Dr. Murphy was President of the SOT in 1974-75 and received the Merit Award of the Society in 1990.

The gift comes from Mr. Vincent L. Gregory, Jr., recently retired Chairman of the Rohm and Haas Company of Philadelphia. Mr. Gregory is a member of the Visiting Committee and the Dean's Council for the Campaign of the School of Public Health. In receiving this challenge to match or more than match the gift from Mr. Gregory, Dean Gilbert S. Omenn stated, "We are proud of the stature our Department has attained and of the integration of toxicology, industrial hygiene, environmental technology, and radiological sciences in this Department. We feel a considerable responsibility to put chemical risks on sound scientific footing and to engage in effective two-way communication with the media and with affected communities. We have been actively involved in Seattle and the Northwest with a host of challenging problems. This extraordinary gift offers us the opportunity to honor Dr. Murphy, a much-respected, really revered colleague and mentor, and to enhance our recruitment of his successor." SOT members are en-

couraged to make contributions to the University of Washington for the Murphy Chair Endowment Fund. Checks can be mailed to the Murphy Chair Endowment Fund, Department of Environmental Health, SC-34, University of Washington, Seattle, WA 98195. For further information please contact Jean Garber (206) 543-6770. ●

Prize Drawing at Annual Business Meeting

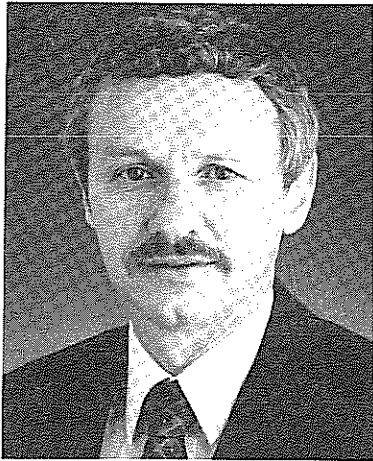
A prize drawing for two complimentary air tickets will be held during the Annual Business Meeting on Wednesday, February 27, 4-5:30 p.m. Each member in attendance will receive a raffle ticket. Members must be present to win. ●

Bylaws Changes

The draft bylaws amendments are enclosed with this newsletter to the voting membership. ●

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Society of Toxicology
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 Washington, DC 20005
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Deadline for next issue:

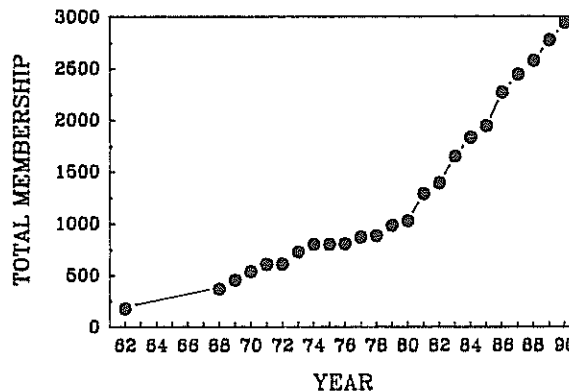
April 10, 1991
 June 10, 1991
 August 10, 1991
 October 10, 1991

1991 SOT Annual Meeting
 February 25—March 1
 Loews Anatole Hotel
 Dallas, Texas

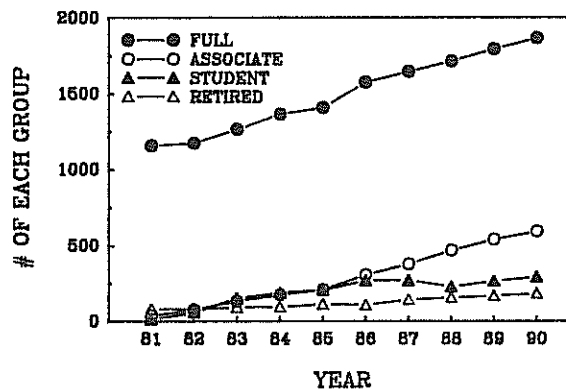
President's Message

This is the thirtieth year of the Society of Toxicology and thus, I feel, an opportune time to reflect on the history of our Society. In the last Presidential address, I reviewed how our annual meeting has grown and matured over the years. In this newsletter I will present information on the growth of the Society membership and finances over the last three decades.

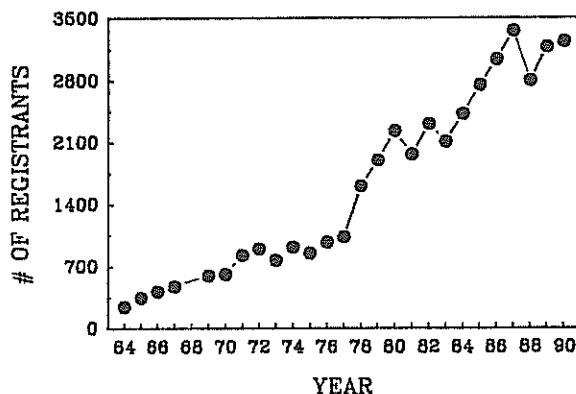
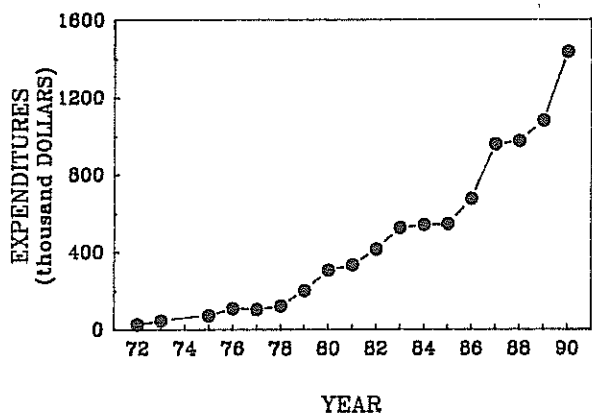
Within one year of founding the Society, there were 180 members. As noted in the figure below, there was a gradual growth in the number of members until the 1970's when the membership almost reached a plateau.



However, in the 1980's there was a marked increase in the total number of members. This was not due only to an increase in the number of full members, but also due to the introduction of student and associate members as noted below. This growth pattern has had a very positive impact on increasing the breadth of scientific expertise represented in our Society. Our number of retired members has also doubled over the last decade, indicating that our Society is maturing.



The financial picture has also changed dramatically over the thirty years. In the first year of the Society, our expenditures were \$263 and last year they were \$1,400,000. As noted in the figure below, there has been a gradual growth of expenditures over the last thirty years. A more rapid growth in expenditures has occurred specifically in the last 5 years, and is due not only to the rapid increase in size and complexity of operating our Annual Meeting, but also to the costs of supporting the functions of a rapidly expanding society dedicated to effectively supporting the discipline of toxicology.



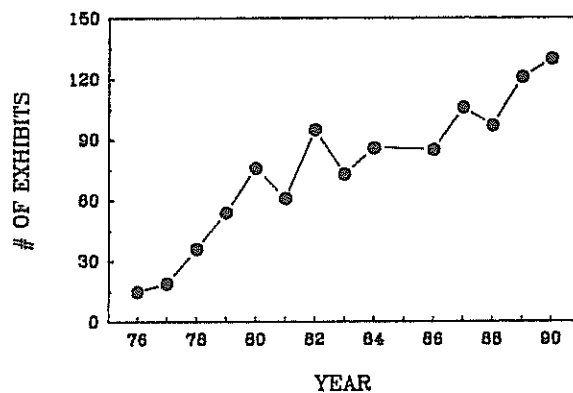
What I find absolutely amazing is that these direct expenditures of the Society constitute to only a small portion of the service provided by our Society. Members of our Society contribute innumerable hours of service on behalf of the Society. For example, the officers of the Society, all committee members, both editors of our journals, as well as all the associate editors, editorial board and other reviewers of manuscripts all contribute their time, and often their secretaries' time, free-of-charge to the Society. In addition, all symposia speakers who are Society members share their expertise with the rest of the Society without any financial remuneration. In fact, they even pay for their own transportation to the Annual Meeting as do all officers, committee members, and even winners of the Society Awards.

If the Society had to pay for all these contributions, our membership dues would probably have to be thousands of dollars a year. But our membership dues are only \$109 a year. However, for these dues we also receive the Society's two journals, *Toxicology and Applied Pharmacology* and *Fundamental and Applied Toxicology*, at a markedly reduced rate (\$42 and \$30 rather than the individual subscription rates of \$63 and \$35 or the institutional rates of \$545 and \$166 for TAP and FAAT, respectively). Thus, only \$37 of our dues contribute to the operation of the Society.

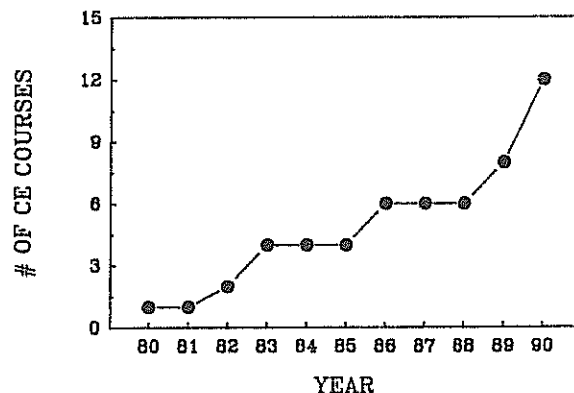
It does not take a mathematical genius to calculate that if the Society spent \$1,400,000 last year and has approximately 3,000 members, then the Society spends about \$467 for each member. How is this possible when Society dues are so low?

Over the years the Society has developed a variety of important sources of income to support our operations. In particular, the Annual Meeting, which has grown dramatically both in size and quality, has emerged as a major source of operating revenue. Registration at last year's meeting, for example, totaled \$320,000. The net return to the Society for the 1990 meeting was \$257,000.

In addition to increased attendance at the Annual Meeting, several other recently implemented developments have contributed significantly to Annual Meeting revenues. In the mid 1970's we started exhibits at our annual meetings. The number of exhibitors has grown steadily over the years, as noted below. However, we have seen a 30% increase in exhibitors in the last 2 years, and will show a 50% increase from 1988 if the figures from the 1991 meeting are included. Much of this recent rapid growth is due to aggressive promotion of our meetings by our IMG management staff, who assumed responsibility for our exhibit management program in 1988.

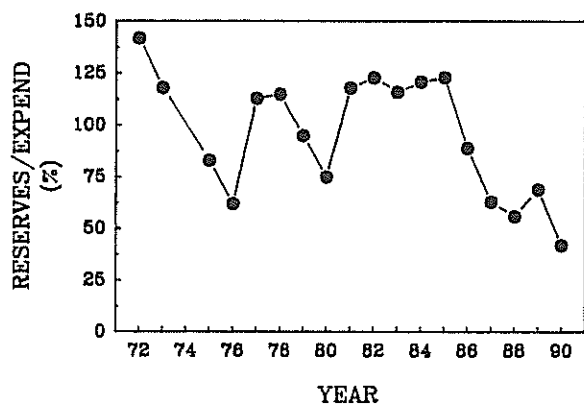


In 1980 the Society instituted a continuing education program as a service to our membership. This program has been tremendously successful with 12 courses offered last year, providing the Society with \$150,000.



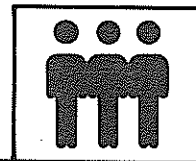
Corporate membership is another source of funds for our Society. At the present time we have 57 corporate associates which give the Society \$2,000 each, providing the Society \$114,000 a year. In fact, the Corporate Associate program provides more funds for the Society than does membership dues. We are grateful for the continuing support of our corporate benefactors, and in 1990 we have implemented a program to encourage additional support from a broader spectrum of companies.

Our Society has grown over the last 30 years, both in numbers and in finances. Our forefathers thought that it was wise to keep a reserve equal to the Society's annual expenditures. As illustrated below, the Society maintained that goal until about 5 years ago. Council readdressed how large our reserves should be for a Society of this size and concluded that a reserve of 50% of its annual expenditures is sufficient. At the beginning of this fiscal year, our reserves dipped slightly below 50% of our annual expenditures, which was due almost entirely to costs associated with our highly successful Tox 90's program (e.g., the Resource Guide). The recent implementation of improved financial budgeting and tracking programs, however, are expected to facilitate a rapid return to the desired levels.



Overall, our Society is in a healthy financial condition. This can be attributed to several reasons including the variety of high quality and value services which provide income, the responsible management of Society of Toxicology expenditures, and perhaps most importantly, a dedicated membership which give freely of their time and talents. ●

Member News



Herbert Rosenkranz has accepted the chair of the newly organized Department of Environmental and Occupational Health at the University of Pittsburgh. Dr. Rosenkranz's department has a charter to explore broad areas of toxicology, but he reports that his personal research interests remain concentrated on the structural basis of the biological activity of molecules.

Retired SOT Charter Member, **Dr. J. Palmer Saunders**, has been named Dean Emeritus of the Graduate School of Biomedical Sciences at The University of Texas Medical Branch (UTMB) at Galveston. The appointment became effective upon Dr. Saunders' retirement from the UTMB faculty in November. ●

SOT Newsletter to Include Member Obituaries

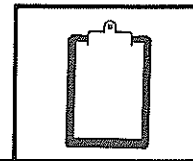
The SOT Newsletter will begin publishing the obituaries of deceased members and former members. Copy should be sent to SOT headquarters in a one-page double spaced format, limited to 250 words. SOT headquarters will edit the information as needed. ●

Publications of Interest

Asbestos Medical Research, G.A. Peters, B.J. Peters, eds., Butterworth's Publishing; (800) 548-4001.

The Effects of Pesticides on Human Health, C. Wilkinson, S. Baker, eds., Princeton Scientific Publishing Co., Inc., P.O. Box 2155, Princeton, NJ 08543; (609) 683-4750.

Guidelines for Rodents in Research, H.N. Guttman, ed., Scientists Center for Animal Welfare, 4805 St. Elmo Avenue, Bethesda, MD 20814-4805; (301) 654-6390, fax (301) 907-3993. ●



Announcements

Manuscript Handling Fees Increase

Beginning March 1, 1991, the manuscript handling fee for both *Toxicology and Applied Pharmacology and Fundamental and Applied Toxicology (FAAT)* will increase from \$50 to \$100. The SOT Board of Publications has made this decision in order to cover the increasing cost to the Society for the publication of these journals. Among other uses, the increased revenue will help cover the cost of publishing an increasing number of pages in FAAT each year as more manuscripts are submitted and accepted for publication. During the past few years the number of pages published in FAAT has increased significantly while the manuscript fee used in part to cover the cost of these additional pages has remained the same. The increased manuscript handling fee will solve this problem in the near future. However, the long-term solution is to increase the number of institutional subscriptions of FAAT. During the coming year, Drs. Curtis Klaassen and Richard Peterson will be writing to the SOT membership requesting that members ask their librarians to subscribe to FAAT if the institution does not already have a subscription. ●

Roundtable of Toxicology Consultants

During the upcoming SOT conference in Dallas, there will be a meeting of the Roundtable of Toxicology Consultants (RTC). This is a group of about 40 full-time and part-time consultants from throughout North America. All are full members of SOT, although the group is not formally affiliated with, or sanctioned by, SOT.

Toxicologists interested in knowing more about the RTC or toxicology consulting in general are invited to join us. Notices about the exact time and place of the meeting will be posted in the Dallas headquarters hotel. Further information, membership applications, etc., can be obtained by calling: Dr. Ralph Fogleman, (215) 294-9256.

The RTC also publishes a listing of toxicology consultants (including a brief description of each person's background and expertise) which is available at no charge from the RTC Referral Service, 34 Everett St., Natick, MA 01760, (508) 655-7604. ●

Postdoctoral Opportunities List Under Development

The SOT office is developing a separate list of postdoctoral programs to respond to inquiries resulting from the Tox '90s educational/career materials. Most academic programs are already included in the Resource Guide. The *ad hoc* Tox 90's Educational Issues Task Force is interested in obtaining information concerning those academic programs not listed in the Resource Guide and programs such as those available in research institutes and the pharmaceutical or chemical industry. If you would like to ensure that your program is included among the SOT educational/career materials, please contact the SOT office, (202) 371-1393. ●

US Air Force Contributes to Efforts of SOT Education Committee in Minority Programs

The SOT Education Committee was recently informed that the US Air Force will provide grant funding to supplement their efforts in minority programs that are presented at the Annual Meeting. These funds were provided to SOT in recognition of past and present work of the Committee in this area. Dr. Marion Ehrich, Chairperson of the SOT Education Committee, was author of the proposal.

Sponsorship for continuation and expansion of such programs is welcomed, as interest has exceeded the committee's expectations. ●

Prize Drawing for Annual Meeting in Dallas

A special prize drawing will be held following the 1991 SOT Annual Meeting. Members who purchase their airline tickets through the SOT travel program will not only receive significant discounts, but will also be entered into a special raffle drawing for two free round-trip tickets within the continental United States. ●

Society of Toxicology Bulletin



SOT Exhibit Booth Aids Student Recruitment Efforts

SOT members have put the Society's exhibit booth, recruitment posters and brochures to especially good use during the past year. These materials are available through the SOT headquarters office, and they provide excellent background materials to discuss the discipline of toxicology with potential students.

Dr. Donald J. Buhler of Oregon State University displayed the SOT materials at a regional SOT meeting. **Dr. Janis Eells** of Medical College of Wisconsin, Milwaukee, used the SOT booth for a recruitment session. **Dr. Gordon Newell**, displayed the exhibit at the National Association for Health Professors, Inc., Meet the Deans Conference. **Dr. Harihara Mehendale** has been especially active in using the booth for SOT recruitment. He displayed it on behalf of SOT during the MARC-MBRS joint meeting in Nashville this fall, and also displayed it during the South Central Chapter of SOT meeting held in Pine Bluff, Arkansas. Dr. Mehendale augmented the display with a formal presentation of the "Careers in Toxicology" slide show developed by the *ad hoc* Tox 90's Educational Issues Task Force.

SOT members who are interested in displaying the SOT exhibit materials should contact the SOT headquarters office (202) 371-1393 or Dr. Mehendale (601) 984-1618. ●

Interest High Among Undergraduates for Minority Program at SOT Meeting

The SOT Education Committee recently approved 47 applications from undergraduate science majors wishing to attend the SOT meeting in Dallas under sponsorship of the NIH grant entitled, "Minority Program for Society of Toxicology Meeting." Applications from nine advisors of minority science undergraduates were also approved for funding. NIH funding to the Education Committee (Dr. Marion Ehrich, Chairperson and P.I.) will allow science undergraduates who are members of minorities underrepresented in science, and advisors of such students, to attend the SOT meeting, with emphasis on special sessions to introduce these individuals to the discipline of toxicology. Among these special sessions are the Educational Program

for Minority Students, which will be presented on the afternoon of Monday, February 25, from 4-6 p.m., and the Poster Session for Minority Students, which will be held on the morning of Tuesday, February 26.

The SOT Education Committee encourages graduate students, recent graduates, SOT members and other interested individuals to participate in this endeavor by serving as hosts/mentors for these visitors at the Annual Meeting. A host/mentor would help these visitors find rooms in which special sessions for them will be held during the time period between Monday afternoon and Tuesday afternoon. Hosts/mentors should also generally make these minority undergraduate science majors feel welcome at SOT. Enough volunteers are requested so that each would have responsibility for no more than 2-3 students. Please contact Donna Thomas at the SOT office (202) 371-1393 if you are willing to help. Early notification will help the Education Committee plan for the meeting. ●

Educational Program for Minority Students to be Presented at Annual Meeting

The SOT Education Committee will be sponsoring an educational program to introduce the discipline of toxicology to interested science majors and their advisors at 4 p.m. on Monday, February 25, at the Annual Meeting in Dallas. The program will include presentations entitled, "Introduction to Toxicology, a Scientific Discipline of Great Diversity," by **Dr. Harihara Mehendale**, and "Becoming a Successful Toxicologist, and How to Get the Most from a Scientific Meeting," by **Dr. Faye Calhoun**.

The SOT Education Committee encourages SOT members, graduate students and others interested in toxicology education and early recruitment of minorities to attend this meeting, as the presentations by Drs. Mehendale and Calhoun will be followed by a discussion session in which members of the audience will be invited to provide perspectives on toxicology education and employment. Among the individuals who will be attending this session are local science students and their advisors, and science undergraduates and advisors of science undergraduates who have received travel funding from the NIH grant awarded to the SOT Education Committee to encourage recruitment of minorities in the field of toxicology. ●

Poster Session for Minority Students

The *ad hoc* Tox 90's Educational Issues Task Force and the SOT Education Committee will host a special poster session on Tuesday, February 26, 1991, 10:00 a.m. -12 noon, at the Annual Meeting in Dallas. Although the poster session is arranged for invited minority students (undergraduate and high school) who are participating in a workshop to introduce them to the field of toxicology, the session is open to all individuals attending the SOT meeting. Last year's session was very well attended and allowed for extensive interactions between toxicologists and the invited students. Poster presenters include minority scientists and those who would like to interact with minority students. Over 30 poster presenters from a variety of subdisciplines within the field of toxicology have already volunteered to participate in this special session in Dallas. Limited additional poster presenters are still welcomed. The poster session is in addition to the normal presentation of the posters in a scientific session to which they are assigned by the SOT Program Committee. Contact **Dr. Harihara Mehendale (601) 984-1618** or **Dr. A. Jay Gandolfi (602) 626-6696** if you wish to participate. All SOT members are welcome to participate in this session, either to represent their research, to view the work of others, or to interact with the minority students. ●

New Investigator Forum for SOT Meeting: NIH Funding

As part of a continuing series for new investigators, initiated at the 1990 Forum for New Investigators in Miami, the SOT Education Committee is sponsoring a program on Wednesday, February 27, 2-4 p.m., at the 1991 Annual Meeting in Dallas to specifically discuss NIH funding of research grants. The goal of the program is to provide new investigators with the concepts of good grant writing, the mechanics of grant processing at NIH, and the procedures for preparing revisions. Participants in the program include: **Dr. Fred Marozzi**, Executive Secretary, Toxicology Study Section; **Dr. Rochelle Long**, Pharmacological Sciences Program; **Dr. Richard Mailman**, Toxicology Study Section Member; and **Dr. Mary Jo Vodcnik**, Metabolic Pathology Study Section. The session will be chaired by **Dr. A. Jay Gandolfi**, Education Committee member.

The first portion of the program will consist of short presentations on grant preparation and concepts by the panel members. This will be followed by a question and answers session between the audience and panel members. New investigators are encouraged to take advantage of this special interaction between NIH officials and experienced grant reviewers. This is a chance to have specific questions about the NIH grant process answered. Last year's program produced a lively round of discussions and many helpful hints to new investigators. In the years that follow, New Investigator Forums will cover other governmental, private, and industrial sources of funding. Do not miss this year's session if your concern is NIH funding. ●

Graduate Student Travel Awards

SOT will fund the travel of 66 graduate students to the 1991 Annual Meeting in Dallas. The number of applicants was high, with 99 students who will be presenting research papers as first authors applying for sponsorship. Successful applicants had not previously received travel funds and were highly ranked by the program directors at the universities at which they are doing their graduate work. Factors contributing to disapproval were a previous travel award and awards to students ranking higher by program directors at the universities from which the applicants were received. A maximum of three awards per university and one per major professor were allowed.

Applications for graduate student travel awards in 1991 increased over previous years. In 1986, SOT funds sponsored 56 awards chosen from 68 applications; in 1987, 55 of 66; in 1988, 53 of 59; in 1989, 55 of 86. In 1990, 68 students were funded from 84 applicants, with SOT providing 70 percent of the funds and industrial sponsorship contributing 30 percent of the costs of graduate student travel to the meeting in Miami. The SOT Education Committee welcomes supplemental funds to increase attendance of graduate students at the SOT annual meetings. ●

1991 Dues are Due!

A reminder: Your 1991 dues must be received at headquarters by March 31, 1991, in order for you to continue to receive your journals. Please note that you may pay via MasterCard, Visa, or Diners Club. ●

Guidelines for the Organization of a Symposium for Presentation at a Meeting of the Society of Toxicology

Introduction

The Society of Toxicology encourages presentation of symposia on timely topics at its Annual Meeting. Symposia can be valuable for developing new data or new concepts in a way that crystallizes thinking in particular areas. This particular format also helps investigators keep abreast of developments in fields not intimately related to their major interests. The Program Committee is responsible for inclusion of symposia in meetings of the Society and encourages the submission of proposed symposia. The total time assigned for presentations and discussions may be less than but not exceed three hours per symposium. ●

Organizing Symposia

Symposia may be proposed by any member, Specialty Section or Chapter of SOT at any time by communicating in writing with the chairman of the Program Committee, the Vice President of the Society. The letter should present reasons as to why the symposium is desirable and give some details on the proposal. The following points should be addressed:

- 1) Justification of need for a symposium in the particular field. The number of symposia approved will be limited and the justification will be important in the Committee's evaluation. The justification should include the timeliness of the topic and whether a similar symposium has been presented at a scientific meeting in the recent past.
- 2) Proposed title.
- 3) Names of proposed speakers, their professional affiliation, title of their presentations, and perhaps a one or two sentence synopsis of their topic (a maximum of two speakers per institution is recommended.)
- 4) The intended year of presentation of the symposium.
- 5) Financial requirements, if any.
- 6) Publications plans, if any. ●

Approval of Symposia

After receipt of a proposal, the chairman will present it to the next meeting of the Program Committee in May. The deadline for submitting symposia proposals is April 15 each year. Sponsors are encouraged to submit proposals as early as possible to ensure adequate review time. The results of committee action will be transmitted promptly to the initiator(s) by the chairman of the Program Committee. If that action is approved, the chairman of the Program Committee will then provide further instructions concerning follow-up correspondence with speakers, completion of the symposium overview and speaker abstracts, finalization of the program, date of the symposium, and publication procedures if it is to be published. ●

Publication

All SOT-sponsored symposia come under the general guidelines for publication of SOT-related activities, i.e., the Editors of the official SOT journals, TAP and FAAT, have first right of refusal regarding publications from the SOT symposia. If the symposium organizers wish to compile the papers for publication, they must first communicate with the editors of the journals to ascertain their interest in publishing the symposium. If neither of the editors are interested, then the organizers are encouraged to publish independently. It is important, if the editors feel that a symposium subject is appropriate, that this high quality material be published in one of the SOT journals. ●

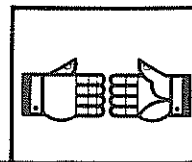
Negotiations with Tentative Speakers

If initial contact is not made by letter, it is best to follow up with one that presents (1) an outline of the symposium; (2) the names of other proposed speakers; (3) the proposed date and place (year, month, and meeting site); (4) financial assistance available, if any. ●

Financial Assistance from SOT

There is no honorarium provided. Limited financial assistance may be available to support the participation of non-member speakers. This amount must be negotiated between the initiator and the chairman of the Program Committee PRIOR to making firm commitments to speakers. SOT policy is to fund the travel of one non-member per symposium. A sponsoring Specialty Section can fund the travel of one additional non-member per symposium. There is no financial support for the participation of SOT members in a symposium. ●

Chapter News



Allegheny-Erie Chapter

The Fall meeting of the Allegheny-Erie Chapter was held October 19, in Youngstown, OH, and hosted by the Ohio contingent of the membership. The theme for the meeting was "The Toxicologist's Role in Communicating Chemical Issues to the Public." The meeting began with a workshop featuring two speakers. Dr. Roger Hamm (Ohio Northern University) described efforts to enhance primary/secondary education in the area of chemical uses and risks in society. Dr. Hamm heads the CEPUP training program of school teachers in Ohio, and expressed the opinion that toxicologists could provide a valuable service by becoming more available to speak in schools and be involved in their science programs. Ms. Judy Gilbert, a communications professional with BP America's chemical plant in Lima, OH, discussed some of her experiences in communicating chemical risk issues with people in the Lima community, and cautioned scientists to "speak in lay terms" with full appreciation of your audience's perceptions and point of view on the issues at hand.

After a social hour and Italian dinner, attendees heard Dr. Curt Klaassen, President of the Society of Toxicology, discuss communications efforts on the part of the national Society, both within and outside the organization. Dr. Klaassen indicated that there was substantial focus on attempts to attract college undergraduates into graduate school, and into the toxicology field. He also indicated that the burden of providing communication resources would fall on regional chapters, and encouraged the chapter to proceed with efforts initiated at this meeting. ●

Ohio Valley

The Ohio Valley Chapter of the Society of Toxicology held its Eighth Annual Meeting in Huntington, WV on September 21-22, 1990, on the campus of Marshall University. The topic of this year's program was "Pulmonary Toxicology." Speakers for this meeting represented Health Science Centers and Medical Schools at Marshall University, the University of Cincinnati, the University of Kentucky and SUNY at Stony Brook. In addition, two students from the University of Kentucky shared a \$100 prize for the best poster. Scott Stanley presented work entitled, "Cotinine: Detection by ELISA in Blood, Saliva and Urine," while Andy Beach presented work entitled, "Identification of Cyclopenta (C,D) pyrene and Cyclopenta (D,E,F) phenanthrene DNA Adducts by 32P-Postlabelling." The next meeting of the Ohio Valley Chapter of the Society of

Toxicology will be held in Cincinnati, OH in late April or early May. ●

National Capital Area Chapter

The fall symposium on "Alternative Methods for Toxicology Testing: Recent Developments," held on October 11 at the National Library of Medicine reviewed *in vivo* and *in vitro* tests under development within the Department of Defense Research and Development Laboratories. Proceedings of the symposium, chaired by Dr. Ho Chung of the Walter Reed Army Institute of Research, will be published.

The winter symposium and annual banquet will be held on January 24, 1991, with Dr. Curtis Klaassen the guest banquet speaker. The topic for the afternoon symposium is Neurotoxicity Update. For further information, contact Dr. Norbert Page, (301) 948-9408, or Dr. Penny Fenner-Crisp, (703) 557-7351. ●

Northern California Chapter

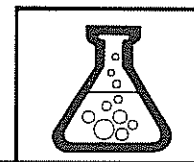
The Northern California Chapter has established a new Toxicology Issues Committee. The Chapter felt a strong need to establish a liaison with legislative staffs and lobbyists to provide professional input and guidance on toxicology issues and practices impacted by the increasing number of bills emerging in the legislature and on propositions for the voters. With the assistance of the Committee, the Chapter officers helped defeat SB60, a cosmetics and household products labelling bill, in the State Senate and campaigned against AB2461, which would have made it a crime subject to fine, imprisonment, or both to perform Draize tests on these kinds of products. AB2461 passed both houses but was vetoed by the Governor. With a new governor slated to take office this fall, it very likely will be revived. ●

Mountain West Chapter

Organized by Drs. Dean Carter, Jim Halpert, and Dan Liebler of the University of Arizona, the Eighth Annual Meeting of the Mountain West Chapter of SOT, held October 4-5 in Tucson, AZ, attracted approximately 125 participants. The meeting consisted of a symposium each morning, posters in the early afternoon and a platform session in the late afternoon.

Of the 47 high-quality abstracts submitted, 9 were platform presentations submitted by graduate students. The graduate student award for best poster presentation went to Wei Shen of the University of New Mexico. The student award for best platform presentation was shared by Gary Skiles of the University of Utah and Stacy Glowaz of the University of Arizona. The overall success of the meeting was largely due to the quality of the presentations and lively discussions that followed. It was particularly gratifying to note the active participation by a relatively large number of graduate students. Next year's meeting will be sponsored by the University of Colorado. ●

Placement Services



Associate Toxicologist - Autoradiography

The Lilly Research Laboratories, a Division of Eli Lilly and Company, is seeking a self-motivated, innovative scientist for the Toxicology Division. The scientist will actively participate in the design, execution, and analysis of in vivo disposition studies utilizing whole-body autoradiographic and dissection techniques to determine the tissue distribution, placental transfer, and milk excretion of compounds. A B.S. or M.S. degree in biological science, preferably pharmacology, toxicology, biochemistry, or physiology is required. Experience and knowledge with animal handling and surgery, computer science, scientific writing, and radiotracer methodologies are preferred. For prompt consideration, please forward a detailed curriculum vitae to: Mr. Gene P. Harvey, Personnel Manager, Lilly Research Laboratories, P.O. Box 708, Greenfield, IN 46140. We are an equal opportunity employer. ●

Postdoctoral Fellowship

A one-year, renewable, postdoctoral fellowship has been established at the Rockefeller University by the International Business Machines Corporation. The award will be presented in the summer of 1991. The awardee will be a recent graduate Ph.D. or D.V.M. or an established toxicologist interested in developing new skills and expertise in cell culture systems used for in vitro toxicity assessment. A stipend of \$25,000 is available and on-campus housing is optional. Additional funds for research supplies and benefits are available. Studies will be conducted as a

Gulf Coast Chapter

The 1990 Fall Meeting of the Gulf Coast Chapter of SOT, held November 15-17 in Austin, drew 130 registrants from as far away as Maryland. The one and one-half day meeting featured symposia on Applied Toxicology and Chemical Carcinogenesis. Twelve graduate students were selected to give platform presentations and Rosalynn D. Gill, from the M.D. Anderson Cancer Center in Science Park, received the Ted Reynolds Graduate Student Award for best presentation. The best poster award went to Cheng Yao from the University of Texas at Austin. Dr. I. Glenn Sipes, the 1985 Burroughs Wellcome Toxicology Scholar, was the keynote speaker at the evening banquet. ●

part of our established Laboratory for In Vitro Toxicologic Assay Development at the Rockefeller University.

Interested applicants should send a resume, letter of introduction and name of three references to Dr. D.M. Stark, The Rockefeller University, 1230 York Avenue, Box 2, New York, N.Y. 10021. ●

Toxicologist

The Drug Safety Evaluation Department of Pfizer Central Research has an opening for a Research Scientist with a Ph.D. in Toxicology/Pharmacology or D.V.M. with training in toxicology. Pharmaceutical or related toxicological experience is desirable but not required.

Responsibilities will include protocol design, safety study supervision, data analysis and preparation of reports for regulatory submissions. Effective oral and written communication skills are essential.

The position offers an exceptional opportunity for professional recognition and growth. We offer an excellent salary, benefit and relocation package, plus an attractive Connecticut shore location. Please send a copy of CV to Dr. Herbert V. Levinsky, Pfizer Central Research, Eastern Point Road, Groton, CT 06340. ●

Post-Doctoral Position

A post-doctoral position is available in basic/applied toxicology research. Basic research areas include organophosphate insecticide toxicity/metabolism and stress-toxicity interactions. Applied toxicology research projects are conducted for industry and government. The position will be evenly divided between basic and applied

research. Qualifications include a Ph.D. or a D.V.M. Experience in endocrinology useful.

Salary is in the mid-twenties to thirties, depending on experience. Send Curriculum Vitae and three references with telephone numbers to Dr. Barry S. Levine, Director, Toxicology Research Laboratory, Dept. of Pharmacology (m/c 868), University of Illinois at Chicago, P.O. Box 6998, Chicago, IL 60680. ●

Environmental Health Scientists

New Ph.D.'s for postdoctoral training through senior level scientists and associated support positions, in cooperation with area universities, are needed for new research initiatives in pulmonary and immunotoxicology, dosimetry and pharmacokinetic modeling, metabolism and analytical chemistry. Research will investigate both inorganic (metals) and organic compound bioavailability and disposition, target/portal organ effects including the g.i. tract, lung, skin, liver, and kidneys, and associated biochemical mechanisms and pathological processes, leading to acute-to-chronic, high-to-low dose, route-to-route and interspecies extrapolation for assessing risk from exposure to environmental chemicals. The position(s) require a Ph.D. or appropriate level of training and experience in toxicology, pharmacology, physiology, chemistry or related life/health science. Please send CV to James D. McKinney, PhD, USEPA, MD-74, Research Triangle Park, NC 27711 (919) 541-2567. ●

Analytical Chemist/Pharmacokineticist

Bushy Run Research Center (BRRC), the toxicology laboratories of Union Carbide, is seeking a highly motivated person to fill the position of Study Director and to play a major role in the development and expansion of the pharmacokinetics program. Candidates should possess a Ph.D. in a toxicology-related field with 2-5 years of government/industrial experience that includes a strong emphasis in analytical chemistry. Effective communication skills and supervisory potential are also essential. BRRC is located approximately 30 miles east of Pittsburgh, PA. We offer an excellent salary and benefits program. The position also encourages professional development and offers advancement opportunities designed for long-term commitment. Qualified candidates should submit their resume with salary requirements to James D. Sun, Ph.D., Bushy Run Research Center, 6702 Mellon Road, Export, PA 15642-8902 or make contact at the SOT Meeting in Dallas, Texas. ●

Toxicologists/Health Scientists - Risk Assessment

The environmental industry is one of the most dynamic and fast changing fields. McLaren/Hart, a top ten national environmental consulting firm, is setting the pace for the future. ChemRisk, a division of McLaren/Hart, specializes in conducting comprehensive risk assessments, environmental fate analyses, exposure assessments, toxic tort defense, Prop. 65 risk determination, occupational environmental toxicology and air quality assessments.

ChemRisk is currently expanding and is seeking toxicologists and other health scientists to join our highly trained team. Opportunities are available in Portland, ME; Warren, NJ; Cleveland, OH; Pittsburgh, PA; Springfield, MO; and Irvine and Alameda, CA.

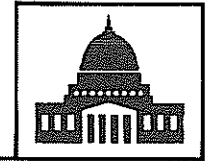
Candidates will have a B.S., M.S. or Ph.D. in toxicology, industrial hygiene or related health science and zero to ten (0-10) years of experience in health risk assessment. Experience in environmental consulting is preferred. Candidates must possess excellent technical and writing skills. Senior level candidates must possess proven communication/presentation abilities and management experience.

McLaren/Hart offers an excellent compensation and benefits package. For immediate consideration, please visit us at the Annual SOT Meeting Placement Service in Dallas, Texas, or send resume and salary history to:

McLaren/Hart, Dept. SOTN, 11101 White Rock Road
Rancho Cordova, CA 95670

Affirmative Action/Equal Opportunity Employer ●

Watching Washington



Farm Bill Includes Pet Protection Amendment

S.2830, the "Food, Agriculture, Conservation, and Trade Act of 1990," will affect the use of random source dogs and cats obtained from USDA Class B dealers. The "Protection of Pets" section requires that private shelters and research facilities hold and care for any dog or cat for not less than five days to allow for recovery of any pet by original owners or adoption by other persons before selling them to USDA Class B dealers. Because the holding period only applies to animals being sold to Class B dealers, in some cases animals will be euthanized before dealers may obtain them.

Dealers must also provide any recipient of a random source dog or cat with valid certification meeting a number of requirements pertaining to the source of the animal and demonstrating adherence to pertinent regulations. The amendment also requires that original certification accompany dogs or cats sold by the dealer, and requires research facilities to keep and maintain the certification for at least one year. Enforcement provisions are included in the amendment as are provisions giving the USDA the authority to request the suspension of operations of any person knowingly dealing in stolen animals or placing said animals in danger.

San Diego Voters Approve Pound Animals for Research

San Diego voters overwhelmingly approved Proposition C, which asked whether the County of San Diego should continue to provide pound animals that would otherwise be destroyed, to research facilities seeking cures for diseases. San Diego voters approved the referendum by a margin of better than two-to-one. ●

Supreme Court Considers Procedural Question in "Silver Spring Monkeys" Case

The U.S. Supreme Court has agreed to decide whether an action by People for Ethical Treatment of Animals (PETA) seeking to gain custody of the Silver Spring Monkeys was properly removed from a Louisiana court to federal court. PETA had originally filed suit to gain custody of the monkeys in Louisiana and had obtained a temporary injunction preventing the NIH from euthanizing

the monkeys. The NIH then had the case removed to federal court where it was ultimately determined that PETA had no standing to maintain its action and its suit was dismissed. The Supreme Court will hear the case in March 1991. A decision is not expected until late 1991. ●

APHIS Funding Rises, Congress Sup- ports Performance Standards

H.R. 5268, the agricultural appropriations bill for FY 1991 provides USDA's Animal and Plant Health Inspection Service (APHIS) with \$9,688,000 for enforcement of the Animal Welfare Act, an increase of \$1,000,000 over the Administration's original budget request. The report accompanying H.R. 5268 called for APHIS to "incorporate performance based standards into its regulations when such performance standards would not interfere with the establishment of a minimal level of care of the enforceability of the Act as Congress intended." ●

Stenholm Bill Falls Short at Close of 101st Congress

The frantic final days of the 101st Congress proved too much for supporters of H.R. 3270, a bill granting federal protection to biomedical research and agriculture facilities. Despite broad support, the bill's 235 backers and its sponsor, Representative Charlie Stenholm (D-TX) could not overcome time constraints and a full congressional agenda as the 101st Congress drew to a close. Bills not enacted when Congress is over must be reintroduced and action must be taken in both houses. ●

Stiffer Penalties Await Animal Rights- Inspired Crime in Illinois

When SB 2038 went into effect, Illinois became the 12th state to enact legislation protecting research facilities, employees and laboratory animals from illegal actions of animal rights activists. The bill made it illegal for individuals to enter any facility engaging in legal scientific research or agricultural production with the intent of engaging in any sort of disruptive or harmful action. Penalties range from a Class 1 to 4 felony, and guilty parties will be ordered to make restitution. ●