



# Society of Toxicology NEWSLETTER

JULY-AUGUST 1987

## Graduate Fellowship Awards in Toxicology

*sponsored by*

**Hazleton Laboratories,  
Hoffmann-La Roche,  
Procter & Gamble  
and Stauffer Chemical**

The Society of Toxicology, through the Education Committee, announces the availability of Graduate Fellowship Awards in Toxicology. The Awards are sponsored by Hazleton Laboratories, Hoffmann-La Roche, Procter & Gamble and Stauffer Chemical. The Fellowship Awards are for one year and are to be determined by the department of the awardees.

Any graduate student with at least two years of graduate study toward the PhD degree in the area of toxicology and whose major professor is a member of the Society of Toxicology may apply. Evaluation by the Education Committee is based primarily on scholastic achievement, letters of recommendation and the dissertation research.

Applications are due by **Oct. 16, 1987**. Finalists will be invited to attend the Society of Toxicology Annual Meeting in Dallas, TX, Feb. 16-19, 1988, for an interview. The winners of these awards will be announced at the annual banquet.

Completed applications should be sent to:

EDUCATION COMMITTEE  
Society of Toxicology  
1133 15th Street, NW, Suite 1000  
Washington, DC 20005

## Call for 1988 Nominations

The Nominating Committee asks your help in the preparation of the slate of nominees for the 1988 SOT elected officers and members of elected standing committees. The offices to be filled in 1988 include the Vice President-Elect and two Councilors. Additionally, two members will be elected to the Membership Committee and four members to the Nominating Committee. The terms and duties of each position are described in the By-Laws. There are many SOT members with the ability and enthusiasm to willingly serve the Society in these important positions. Please send your recommendations to any member of the Nominating Committee: Chairperson **Emil A. Pfitzer**, **Joseph F. Borzelleca**, **Ernest Hodgson**, **Gabriel L. Plaa** or **Hanspeter R. Witschi**. Act now! Your suggestions must be received by Oct. 1, 1987.

## SOT Amends By-laws on Membership, Education Committees

The general membership of the Society of Toxicology has approved two amendments to the Society's By-laws affecting the Membership and the Education Committees. They are:

### Article Four—Standing Committees Section 1—Membership Committee

There shall be a Membership Committee consisting of six voting members of the Society who hold no other elective office, to be selected by a plurality vote of the ballots cast, and who shall serve for a term of three years, except as hereinafter provided for and who shall be eligible for re-election only after a lapse of one year. Two members shall be elected annually. (The President shall designate the Chair.) The Membership Committee shall investigate the qualifications of the candidates for membership and shall report its recommendations to the Secretary by March 1 or September 1 of each year.

### Article Four—Standing Committees Section 6—Education Committee

There shall be an Education Committee consisting of four (six) voting members who hold no other elective office elected by a plurality vote of ballots cast to serve for a term of two (three) years. Two voting members shall be elected annually. The President shall designate the Chair. The Education Committee shall concern itself with ways in which the Society can advance and promulgate education in toxicology. The Committee shall report its findings and recommendations to Council.

( ) indicates addition  
— indicates deletion

## Burroughs Wellcome Fund Announces Scholar Award

The Burroughs Wellcome Fund announces a five-year Toxicology Scholar Award of \$300,000 for an individual in a recognized U.S. school in the life sciences.

The program, administered by the Society of Toxicology, is targeted to stimulate teaching, training and research in academic institutions that have a commitment to toxicology as a basic science. Selection is made on the basis of demonstrated ability and potential of the candidate and the strength of commitment of the individual and institution.

Applications must be received by **Dec. 1, 1987**, by the Chairman, Advisory Committee for the Burroughs Wellcome Toxicology Award, **Tom S. Miya**, School of Pharmacy, University of North Carolina—Chapel Hill, 101 Beard Hall 200H, Chapel Hill, NC 27514; (919) 966-1121.

## President's Message



Society of Toxicology  
1133 15th Street, NW  
Suite 1000  
Washington, DC 20005  
(202) 293-5935  
FAX (202) 775-9631

### MARK YOUR CALENDAR!

#### 1988 SOT ANNUAL MEETING

February 15-19  
Loews Anatole Hotel  
Dallas, Texas

#### Deadline for next

issues: **September 15, 1987**  
**November 15, 1987**  
**January 15, 1988**  
**March 15, 1988**  
**May 15, 1988**

The sweltering summer heat of Washington, DC, greeted the members of Council as we arrived for our bimonthly meeting on July 23 and 24. Joan Walsh Cassedy and her staff were well organized and had a tightly scheduled agenda for us. We enjoyed a most productive meeting. **Lorris Cockerham** from the Air Force Office of Scientific Research clarified several issues regarding the Air Force postdoctoral fellowships and young investigator awards that I mentioned in the last newsletter. **Chris Wilkinson** and **Mary Jo Vodcnik**, representing the Education Committee, have been working with the Air Force to develop these programs. We are most optimistic that in 1989 we will have such a fellowship program jointly with ACT and SETAC. Mary Jo and Chris have done yeoman's work in developing a protocol for this program that is acceptable to the Air Force and to the membership of the three societies. We believe we are almost there. The entire program will be crystallized by the first of the year, and we will have information for the membership at the Annual Meeting.

Hopefully, in the last newsletter you noticed that the number of fellowships available for graduate students is increasing and that applications are due in mid-October. October 1 is the deadline for nominations for the Society of Toxicology awards. We encourage you to nominate those you feel are viable candidates for these awards. Only through the membership do we identify those individuals worthy of recognition by the Society. Please do not wait for others to nominate your candidates.

The upcoming Annual Meeting looks to be very exciting. In the last newsletter was a description of the special plenary session to be held in 1988. The Program Committee intends it to be a very special honor to have one's abstract selected for this session. The Program Committee is looking to present the cutting edge of science in toxicology at this session. The very successful poster/discussion format used in 1987 will be expanded from two sessions to 10 sessions in 1988.

Other changes have taken place in preparation for the 1988 meeting. As a means of controlling the explosive growth and number of abstracts at our Annual Meeting, the Program Committee recommended, and Council concurred, that no one individual should present more than one abstract at the meeting. However, there is no limit in the number of abstract co-authorships or sponsorships available for the individual members. In order to move the abstracts through the system rapidly (which allows us to submit our abstracts at the latest possible date), additional resources are required to handle the material. Therefore, Council has instituted a \$25 abstract fee. Please remember that purchase orders and other promises to pay are not acceptable. If there is a lot of hassle associated with obtaining payment, such as following up on purchase orders or other promissory notes, then the administrative burden will cost more than \$25. We are looking forward to your cooperation.

The meeting of the Mechanisms Specialty Session will be scheduled at a time different from when the other sections meet. This has been a request for several years from members of several sections. Many of our members belong to the Mechanisms Section and a second Section. Therefore, in order to increase participation by the members in their Specialty Sections we have made this decision. Lastly, Council has received unanimous support from the exhibitors to institute a no smoking policy in the exhibit/poster area beginning in 1988. I am confident you will all agree this is a very positive step.

**Tom Miya's** Commission on Toxicology in the year 2000 continues to move along at a rapid pace. The meeting is now scheduled for early January in the Research Triangle Park area. Tom, with close support from **Jim Gibson**, is finalizing the invitation list and identification of chairpersons of the subsections. Any comments or suggestions regarding directions for toxicology in the future or subjects of concern to you regarding how rapidly developing science will impinge upon toxicology and how we might face these could be sent to Tom or to any of the planning committee, **Jim Gibson**, **Roger McClellan** or me.

As this goes to press, many of you are taking some time to relax and enjoy a bit of vacation with family and friends. Best wishes to you all. As for me, I plan to escape the summer doldrums by participating in the toxicology sessions at the IUPHAR meeting in Sydney. It is winter in Australia.

Cheers,

## Member News

**Hasan Mukhtar**, PhD, has been named to the Editorial Advisory Board of *The Journal of Pharmacology and Experimental Therapeutics*, a publication of ASPET, and to the Medical and Scientific Review Committee of the Dermatology Foundation.

The Foundation is a national organization, which, in addition to various other functions, awards fellowships and grants to foster basic research in investigative dermatology. In 1987, the Foundation awarded \$462,000 in 18 fellowships and 14 grants.

**Mohammed Y.H. Farooqui**, PhD, Assistant Professor at the Pan American University, Edinburg, TX, has been appointed to the Editorial Board of the *Journal of Toxicology and Environmental Health*. His term lasts through 1990.

**Barbara D. Beck**, PhD, has joined the Gradient Corporation, Cambridge, MA, as Senior Associate and Toxicologist.

Dr. Beck will also retain her position as visiting lecturer at the Harvard School of Public Health and as a member of the Maine Science Advisory Panel.

**Granville A. Nolen** is retiring from Procter & Gamble Company as of Sept. 30, 1987, and is opening a consultancy in the area of reproductive and developmental toxicity. His new address will be 316 Erickson Drive, Oxford, OH 45056; (513) 523-1658.

**John D. Hamilton**, a student member of the Society of Toxicology, has been awarded a grant of \$29,919 from the National Institute of Occupational Safety and Health for a study on the effects of lead on prenatal and postnatal growth. The award is for \$15,000 for one year with one year-end review for renewal.

## SOT Student Travel Awards

The Society of Toxicology's Education Committee administers the Student Travel Award Funds, which are available to help defray travel expenses for students attending the 1988 SOT Annual Meeting.

To be eligible for funds, the following criteria must be met:

- The graduate student must be an SOT student member (or applicant for student membership).
- The graduate student must be presenting a paper or poster at the Annual Meeting.
- A fully completed application must be submitted with a copy of the abstract being presented to SOT headquarters prior to Oct. 16, 1987.

Applications have been mailed to all SOT student members. If you have not received your application, please call SOT headquarters (202) 293-5935.

### FAAT & TAP Fees Increased

The manuscript handling fees for *Fundamental and Applied Toxicology* and *Toxicology and Applied Pharmacology* will be increased to \$50 per manuscript effective September 1987. Proper payment or purchase orders must accompany all manuscripts.

## New Videotape Series Available for Biomedical Research Training

The Foundation for Biomedical Research has produced a new videotape series, "The New Research Environment," designed for use in institutional training programs.

The series examines the role of the Animal Care and Use Committee in monitoring the use of animals in the research environment, appropriate methods for handling laboratory animals to minimize pain and discomfort, and the external forces placed on the scientific community by animal rights activists.

For information, contact the Foundation for Biomedical Research, 818 Connecticut Avenue, NW, Suite 303, Washington, DC 20006; (202) 457-0654.

## The Health Century

Nineteen eighty-seven marks the Centennial of the National Institutes of Health. As part of the Centennial celebration, a four-part epic titled *The Health Century* will premier Monday, September 27, 1987, on the Public Broadcasting Service, and will run for the following three consecutive Mondays.

This public television series documents the progress made in the nation's research laboratories and medical facilities that affects the health of millions of Americans.

## Nominations for Society of Toxicology Awards for 1988

The progress of toxicology has resulted in many worthy potential candidates for the various Society of Toxicology Awards. A complete description of each award is given in the Annual Directory of Members, as well as being reproduced on the Awards Nomination Form. The form is a convenience for the membership to nominate candidates, but direct letters of nomination with supporting material, as well as other appropriate nomination formats, may also be used.

Each nomination must be submitted by a sponsor and seconders who are members of the Society of Toxicology. The quality of supporting documentation is critical in the review of the nomination of each candidate. Please send all nominations and supporting documentation to the chairperson of the Awards Committee, Dr. **John Doull**, SOT, 1133 15th St., NW, Suite 1000, Washington, DC 20005. The deadline for receipt of nominations for the 1988 Awards is **Oct. 1, 1987**.

## Publications of Interest

*Asbestos Training Materials*, various publications and videotapes, SourceFinders, P.O. Box 758, Mt. Laurel, NJ 08054; (609) 235-8750.

*Current Topics in Pulmonary Pharmacology and Toxicology, Volumes I and II*, Elsevier Science Publishing Company, Inc., 52 Vanderbilt Ave., New York, NY 10017; Outside US and Canada, Elsevier Science Publishers, P.O. Box 211, Amsterdam, The Netherlands.

*Drinking Water and Health, Disinfectants and Disinfectant By-Products, Volume 7*, \$19.95, quantity discounts. National Academy Press, 2101 Constitution Ave., N.W., Washington, DC 20418.

*Environmental Periodicals Bibliography*, Volume 16, 1987, (\$355); Volume 17, 1988 (\$375); *Energy Review*, Volume 14, 1987, (\$170); Volume 15, 1988, (\$200). International Academy at Santa Barbara, 2060 Alameda Padre Serra, Suites 105-106, Santa Barbara, CA 93103-1795; (805) 965-5010.

*Fourteenth Report of the National Heart, Lung and Blood Advisory Council*, NIH Publication No. 87-2729. Single copies available from the National Heart, Lung and Blood Institute, Office of Communications and Public Information Branch, Building 31, Room 4A21, Box 14, 9000 Rockville Pike, Bethesda, MD 20892.

*A Textbook of Modern Toxicology*, for advanced undergraduate students in biology, chemistry and biochemistry. Elsevier Science Publishing Company, Inc., 52 Vanderbilt Ave., New York, NY 10017; (212) 370-5520.

*Toxic Air Pollution*, addresses ambient air pollution measurement, Lewis Publishers, Inc., 121 South Main St., P.O. Drawer 519, Chelsea, MI 48118; (313) 475-8619.

The following publications are available from the U.S. Government Printing Office, Department SSMC, Washington, DC 20402. Payments may be made by check or money order payable to the Superintendent of Documents or by VISA or MasterCard, furnishing expiration date.

*Background Materials on Health Care Coverage and Expenses of the Medicare Population*, 052-070-06306-8, \$2.25, House Committee on Ways and Means.

*Digest of Education Statistics 1985-86*, 065-000-00263-9, \$13, U.S. Department of Education.

*Educational and Non-profit Institutions Receiving Prime Contract Awards for RDT&E-Fiscal Year 1986*, 008-000-00474-9, \$1.50, Directorate for Information Operations and Reports.

*Environment Quality 1985*, 041-011-00079-3, \$13, Council of Environment Quality.

*Five Hundred Contractors Receiving the Largest Dollar Volume of Prime Contract Awards for RDT&E*, 008-000-00473-1, \$2.25, Directorate for Information Operations and Reports.

*Food Service Sanitation Manual*, 017-012-00267-6, \$5, U.S. Department of Health and Human Services.

*The Industrial Environment—Its Evaluation and Control*, 017-001-00396-4, \$26, U.S. Department of Health and Human Services.

*Prime Contract Awards by Region and State, Fiscal Years 1986, 1985, 1984*, 008-000-00475-7, \$4.50, Directorate for Information Operations and Reports.

*Promoting Health—Preventing Disease*, 017-001-00435-9, \$5, U.S. Department of Health and Human Services.

*Radiologic Health—Behavioral Effects of Microwave Radiation Absorption*, 017-015-00229-2, \$6.50, U.S. Department of Health and Human Services.

*Waste in Marine Environments*, 052-003-016062-3, \$13, Office of Technology Assessment.

## Placement Service Continues Activities

The SOT Placement Service is continuing its activities after a highly successful program at the Washington Annual Meeting. This is the first year that the new registrations are being mailed quarterly, the most recent being the third quarter July mailing.

Registrations of candidates for employment numbered slightly fewer than 300 at the Annual Meeting, while employers registered 132 positions. This was an increase of 50 positions over 1986. Approximately 100 of the candidates were doctoral students seeking a post-doctoral or other position, while 17 were finishing a master's or bachelor's program in Toxicology. Since the Meeting, new candidates number six, while nine positions have been registered. Because a registration remains active for one year unless inactivated by the applicant, toxicologists or institutions who have met their objectives should notify the Society offices.

Institutions seeking toxicologists to fill open positions and toxicologists seeking a new position are encouraged to register with the Placement Service prior to Oct. 15, the deadline for the fourth quarter mailing. Your registration now will include the use of the Service at the Dallas Annual Meeting in February 1988. You will also receive another mailing of registered candidates or employers in January. Please contact Fran Keithley or Leslie Dissin, (202) 293-5935, for registration forms.

Member **Ho Chung** completed his appointment on the Placement Committee, while **Shayne Gad**, **Jane Hixson**, **Robert Kapp**, **Harry Salem**, **Robert Schatz**, Information Handling Committee Liaison **Simon Lock**, Co-Director **Michael Greenwood** and Director **Carl Hake** remain on the Committee. New appointments by President **Jerry Hook** are **Larry Hall** and **Judith MacGregor**.

## Missing Journals?

Academic Press is mailing back issues to members who did not receive recent issues of FAAT and TAP. If you are still missing issues, please contact:

Eleanor Berner  
Academic Press, Inc.  
1250 Sixth Avenue  
San Diego, CA 92101  
(619) 699-6567

## Notes from the Membership Committee

Members of the Society play a critical role in identifying, advising and evaluating applicants for membership in the Society. Applicants for each category of membership must obtain letters of sponsorship from at least two Full Members of the Society. Thus, there is an inherent responsibility of the sponsors to *critically evaluate* the qualifications of the applicant, advise the applicant of the appropriate category of membership and, most importantly, convey the qualifications of the applicant in unequivocal terms to the Committee in their sponsoring letters.

As stated in the Constitution and By-Laws of the Society, qualified persons who have a continuing professional interest in toxicology and a) who have conducted and published original research in some phase of toxicology or b) who are generally recognized as expert in some phase of toxicology shall be eligible for Full Membership. A qualified person is defined as an individual who is competent, by virtue of training and experience, to function as a scientist and a professional in toxicology. The candidate should have, as a minimum, an earned baccalaureate degree in a physical or biological science that is generally acknowledged as being pertinent to the determination of health or environmental effects and hazard evaluation or assessment.

Professional interest is defined as involvement in activity characterized by or conforming to the technical and scientific ethical standards commonly accepted by toxicologists. Individuals applying for membership based on their publication record must provide written evidence of at least three years of continuing scientific and professional involvement in toxicology as well as a minimum of two, first author publications (beyond those derived from graduate dissertation research) in refereed journals. An applicant must have spent at least five years in positions of responsibility for directing, managing or otherwise participating in a decision-making capacity in toxicology activities to qualify as a generally recognized expert. Additional information is provided in the Instructions to Applicants and Sponsors section of the Application Form.

Each applicant is assessed solely on the documentation provided. Thus, the extent and *quality* of the supporting documentation is critical. The letters of recommendation from the applicant's sponsors are of particular importance. Sponsors must convey an intimate knowledge of the applicant's involvement and abilities in toxicology. Emphasis must be placed on clearly documenting the applicant's ability to function as an independent investigator in as specific a fashion as possible. A brief letter stating familiarity with the applicant's work without evaluating the applicant's capabilities as an independent investigator is of little use to the committee.

The committee cannot overemphasize the significance of the sponsors' analysis in the evaluation process and thanks each SOT Member for the time and effort involved in identifying, advising and evaluating potential members of the Society.

William R. Hewitt, Chairperson

## Watching Washington

(continued from page 8)

In addition, each research facility would be required to establish an Institutional Animal Care and Use Committee that would have the authority, along with the attending veterinarian, to enter all animal areas "at any reasonable time . . . to carry out their responsibilities."

The proposed regulations would also require research facilities to permit USDA representatives access to the facilities for inspection of the facilities and records. The proposals also call for the facilities to permit regular policemen or other representatives of law enforcement agencies to inspect the premises for missing animals.

## EPA Proposes Toxic-Chemical Release Form

The U.S. Environmental Protection Agency (EPA) has proposed a toxic-chemical release form that owners and operators of facilities using certain chemicals will be required to submit annually to the Agency and to the states. Under the proposal, manufacturers or processors would have to report annual releases of 329 chemicals and chemical categories that are on the emissions-inventory list to all environmental media.

## State Activities

Both positive and negative activity continued on the state level for researchers who use animals. In Utah, residents support the use of abandoned pound animals for research by a margin of more than two-to-one. In Albuquerque, NM, the City Council passed an ordinance to continue the sale of abandoned municipal pound animals to medical research. However, in New York, a bill prohibiting the use of pound animals for research has passed both houses, and similar legislation has been introduced in both houses in Pennsylvania.

## Federal Government Officially Recognizes Toxicology

The Federal Government has officially recognized toxicology as a professional and scientific occupation, and the Office of Personnel Management has established prescribed minimum educational requirements for the new occupation with the Federal Service.

The efforts to bring about this recognition were initiated by Society of Toxicology members **James R. Beall** and **Orville E. Paynter**, and many Society members have been supportive of the effort.

The new classification and qualification standards for toxicology positions "have been established to identify and clarify changes in the roles and functioning of such positions and to develop new standards in light of present educational trends and Federal employment needs," according to the *Federal Register* announcement of the new classification. Originally, the toxicology discipline was included in the classification standard for the Pharmacology series.

The documentation for the new classification was developed by Kitty Hollidayoke, Occupational Specialist for the Office of Personnel Management.

## Coming Events

**Health Benefits of Pets**, National Institutes of Health Assessment Workshop, Sept. 10–11, 1987, National Institutes of Health. Contact Sharon Feldman, Prospects Associates, (301) 468-6555.

**Association of Official Analytical Chemists 101st Annual International Meeting and Exposition**, Sept. 14–17, 1987, San Francisco. Contact Marilyn Taub, Association of Official Analytical Chemists, Suite 210, 1111 North 19th St., Arlington, VA 22209; (703) 522-3032.

**Regulatory Affairs Management in the Pharmaceutical Industry**, an overview of the regulatory affairs function and its integration in the drug development process, Sept. 14–16, 1987, Somerset, NJ. Contact The Center for Professional Advancement, P.O. Box H, New Brunswick, NJ 08816-0257; (201) 238-1600.

**RCRA/SARA**, conference/exhibition on major developments to expedite the permitting and use of alternative technologies at RCRA and Superfund sites, Sept. 15–16, 1987, Washington, DC. Contact Jackie Scott, the Hazardous Waste Treatment Council, P.O. Box 28130, Washington, DC 20038; (202) 783-0870.

**Regulatory Compliance**, a guide to Food and Drug Administration requirements in the pharmaceutical industries, Sept. 28–30, 1987, St. Louis, MO; Oct. 26–28, 1987, San Francisco Bay Area; and Nov. 16–18, 1987, Chicago. Contact Michael Robin, The Center for Professional Advancement, P.O. Box H, East Brunswick, NJ 08816-0257; (201) 238-1600.

**Recombinant DNA Symposium**, Center for Advanced Training in Cell and Molecular Biology, The Catholic University of America, Sept. 28–30, 1987, Hyatt Lake Tahoe, Incline Village, NV. For information, call (202) 635-6161.

**Fifth International Neurotoxicology Conference** on "Cognitive Dysfunction in Children and Adults: Causes, Treatment and Prevention," Sept. 28–Oct. 2, 1987, Riverfront Hilton, Little Rock, AR. Contact Dr. Joan M. Cranmer, Department of Pediatrics #514, University of Arkansas for Medical Sciences, Little Rock, AR 72205; (501) 375-8186 or 375-8370.

**Statistical Analysis of Laboratory Data**, a course for laboratory and plant-support staff in the chemical process and health care industries, Oct. 5–9, 1987, East Brunswick, NJ. Contact The Center for Professional Advancement, P.O. Box H, East Brunswick, NJ 08816; (201) 238-1600.

**Recent Developments in Pesticide Toxicology**, Association of Government Toxicologists, Oct. 6–8, 1987, at the Crown Plaza Holiday Inn, Rockville, MD. This meeting will include presentations of overviews of the chemistry, production, and regulations of pesticides. It features speakers from government, industry, and academia. Contact **Dr. James R. Beall**, President, Association of Government Toxicologists, P.O. Box 295, Germantown, MD 20545; (301) 353-4507.

**Immunopharmacology**, an intensive course bridging the disciplines of immunology and pharmacology, Oct. 7–9, 1987, East Brunswick, NJ. Contact The Center for Professional Advancement, P.O. Box H, East Brunswick, NJ 08816-0257; (201) 238-1600.

**Animal Research And Testing: Humane Frontiers**, Oct. 8–9, 1987, New York City. Contact F. Barbara Orlans, Scientists Center for Animal Welfare, 4805 St. Elmo Ave., Bethesda, MD 20814; (301) 654-6390.

**Preparing Clinical Protocols and Managing Clinical Investigations**, Oct. 19–20, 1987, East Brunswick, NJ. Contact The Center for Professional Advancement, P.O. Box H, East Brunswick NJ 08816-0257; (201) 238-1600.

**Geriatric Assessment Methods for Clinical Decisionmaking**, Oct. 19–21, 1987, NIH Masur Auditorium Clinical Center, Bethesda, MD. Contact Marti Bernstein, Prospect Associates, 1801 Rockville Pike, Suite 500, Rockville, MD 20852; (301) 468-6555.

**26th Hanford Life Science Symposium on Modeling for Scaling to Man—Biology, Dosimetry and Response**, Oct. 20–23, 1987, Richland, WA. Contact Judith A. Mahaffey, Battelle, Pacific Northwest Laboratories, P.O. Box 999, Richland, WA 99352; (509) 376-4402.

**Noise Induced Injury and Ototoxicity: An Update**, Oct. 26–27, 1987, Baltimore, MD. Contact Dr. Laurence D. Fletcher or Dr. Jacqueline Corn, Director, Continuing Education Center, Department of Environmental Health Sciences, The Johns Hopkins School of Hygiene and Public Health, 615 North Wolfe St., Room 1003, Baltimore, MD 21205; (301) 955-2609.

**Society of Quality Assurance Annual Meeting**, Oct. 27–30, 1987, at the Hyatt Regency, Crystal City, VA, with the theme "Effective Quality Assurance." Contact Deena Clapman, Secretary, Society of Quality Assurance, (609) 737-5553.

**International Conference on Vapor Cloud Modeling**, Nov. 2–4, 1987, Cambridge, MA. Contact American Institute of Chemical Engineers, 345 East 47th St., New York, NY 10017.

**17th Conference on Toxicology** of the U.S. Air Force Harry G. Armstrong Aerospace Medical Research Laboratory and the Naval Medical Research Institute/Toxicology Detachment, Wright-Patterson Air Force Base, Nov. 3–5, 1987, Fairborn, OH. Contact Debbie Usery, Conference Coordinator, Northrop Services, Inc., P.O. Box 12313, Research Triangle Park, NC 27709; (919) 549-0611.

**Progress in In Vitro Toxicology**, The Johns Hopkins Center for Alternatives to Animal Testing, Nov. 4–5, 1987. Contact The Johns Hopkins School of Hygiene and Public Health, Baltimore, MD 21205.

**Good Clinical Practice**, regulations pertaining to sponsors, monitors and clinical investigators, Nov. 4–6, 1987, East Brunswick, NJ. Contact The Center for Professional Advancement, P.O. Box H, New Brunswick, NJ 08816-0257; (201) 238-1600.

**ISSX/SOT North American Symposium on Endogenous Factors in Toxicology**, Nov. 8–13, 1987, Belleview Biltmore, Clearwater, FL. Contact Nancy Holahan, ISSX, 9650 Rockville Pike, Rockville, MD 20814; (301) 530-7120.

**Clinical Interpretation of Investigational Drug Data**, Nov. 9–11, 1987, East Brunswick, NJ. Contact The Center for Professional Advancement, P.O. Box H, New Brunswick, NJ 08816-0257; (201) 238-1600.

**Good Laboratory Practices**, covering compliance with the Food and Drug Administration and the Environmental Protection Agency, Nov. 17–19, 1987, Somerset, NJ; Jan. 20–22, 1988, San Francisco Bay Area. Contact The Center for Professional Advancement, P.O. Box H, New Brunswick, NJ 08816-0257; (201) 238-1600.

**20th Annual Symposium**, Dec. 1–2, 1987, on Current Concepts in Carcinogenesis; The Role of *In Vitro* Assays in Assessing Carcinogenicity; and Clinical Toxicology in the Elderly. Contact Gordon Krip, PhD, Executive Director, Society of Toxicology of Canada, C.P./P.O. Box 517, Beaconsfield, Quebec H9W 5V1 Canada.

**American College of Toxicology**, 1987 Annual Meeting, Dec. 7–9, 1987, Baltimore, MD. Contact Alexandra Ventura, American College of Toxicology, 9650 Rockville Pike, Bethesda, MD 20814; (301) 571-1840.

**International Society of Regulatory Toxicology and Pharmacology's Third Annual Meeting**, Dec. 10–11, 1987, Arlington, VA; program is "De Minimis: The Foundation of Sound Safety Regulation Policies." Contact C. Jelleff Carr, PhD, Secretary, 6546 Belleview Dr., Columbia, MD 21046; (301) 992-9083.

**Fifth International Congress of Toxicology**, July 16–21, 1989, Brighton, United Kingdom. Contact IUTOX '89, Congress House, 65 West Drive, Sutton, Surrey SM27NB, UK.

## SOT Directory

By now, SOT members should have received their 1987 Membership Directory. If your listing is incorrect in any way, please submit your correct listing to the SOT office in writing as soon as possible.

Please see the enclosed insert for corrections and changes to date, which you may wish to note in your Directory.

## Nominations Sought For SOT Honorary Memberships

SOT members are encouraged to nominate individuals for Honorary membership in the Society. In accordance with the SOT by-laws.

Candidates for Honorary membership are nominated by two Voting or Associate members of the Society including members of Council. Nominations shall be accompanied by seconding letters and information regarding career achievements in toxicology. Election of Honorary members shall be by a two-thirds majority vote of Council. Not more than two Honorary members shall be elected during any one term of Council. Honorary members shall not be eligible to vote and shall not be assessed dues.

Please send nominations and accompanying documents by Nov. 1, 1987, to the Executive Secretary, SOT, 1133 Fifteenth Street, NW, Suite 1000, Washington, DC 20005.

## NOTICE Abstract Guidelines

Due to the earlier meeting date this year, it will be necessary for the SOT Headquarters Office to adhere strictly to the stated guidelines and deadline date so the preliminary program and registration materials can be mailed to the SOT membership in a timely fashion. Any abstract submitted without the submission fee and/or not properly typed will be returned.

## 1988 Abstract Submission

When submitting abstracts for the 1988 Annual Meeting, please include: an introductory sentence on the reasons for the work and its scope, a few sentences to describe salient and crucial experimental procedures, the data that clearly demonstrate the important results obtained and the main conclusions.

The Program Committee has decided, with the concurrence of Council, to allow only one senior (first) authorship of abstracts for the 1988 meeting. There will be no limit, however, on the number of abstract co-authorships or sponsorships.

An abstract submission fee of \$25 must accompany all abstracts. Purchase orders and other promises to pay are not acceptable.

This year the keyword index for abstracts will be prepared from the information provided on the original abstract submission form. It is important to underline the initial letter of up to three words in the abstract title that best describes the area of research.

## Watching Washington

### FDA Eyeing Workshop on *De Minimis* Regulation Approach

The Food and Drug Administration's Center for Food Safety and Applied Nutrition (CFSAN) is exploring the feasibility of a joint workshop with the Food and Drug Law Institute and the Toxicology Forum to jointly consider with the food industry how best to implement a *de minimis* approach to regulation as a part of the FDA's Phase II of its Plan for Action aimed at ensuring a safe food supply.

The workshop would be part of CFSAN's effort to initiate a new program for food and color additive review and policy development.

Under the program, the agency would develop a "Threshold of Regulation" policy paper for food contact situations involving potentially *de minimis* levels of migration—i.e., levels below those necessary to satisfy the food additive definition of the Food, Drug and Cosmetic Act.

In addition, the agency will update the criteria and standards for the safety assessment of food and color additives as contained in *Toxicological Principles for the Safety Assessment of Direct Food Additives and Color Additives Used in Foods*. The agency will conduct research studies to provide a scientific basis for the establishment of guidelines for the development and use of physiologically based pharmacokinetic data in the safety evaluation of food and color additives.

The Center also will "emphasize a new initiative to study diet/toxicity interactions" in collaboration with other organizations within the Food and Drug Administration (FDA) and the Public Health Service. The beneficial and adverse effects of combinations of dietary components and nutrients will be studied.

In a related matter, the National Research Council's Committee on Scientific and Regulatory Issues Underlying Pesticide Use Patterns and Agricultural Innovations has suggested that regulators should consider the adoption of "a negligible risk standard in setting and revising tolerances for all oncogenic (tumor producing) pesticides found in food."

The recommendation was made in the recently released report "Regulating Pesticides in Food: The Delaney Paradox."

The Committee recommendation for the negligible risk standard as opposed to a zero risk standard stemmed from its belief that, "in certain regions and on certain crops, the implementation of such a policy (zero risk) would cause severe adjustments in agricultural practices, particularly in control of plant diseases."

According to the Committee, "A negligible risk standard for tolerance setting would aid the Environmental Protection Agency in focusing regulatory resources on the crop and pesticide combinations presenting the greatest oncogenic risk."

"On the other hand," the Committee said, "a zero-risk standard does not encourage and may not allow EPA to discriminate between relatively significant and relatively insignificant oncogenic risk." It concluded, "Indeed, the Delaney Clause has focused considerable Agency resource on protracted scientific assessments designed to determine whether a pesticide is an 'oncogen' *per se* and whether the risk associated with a particular use of that pesticide is zero, or some small level that is well beyond the predictive power of currently available toxicological tests and risk assessment methods."

### Federal Legislation Would Bar Pound Animals' Use in NIH Grants

Rep. Robert J. Mrazek (D.-NY) and Sen. Wendell H. Ford (D.-KY) have introduced legislation in the Congress that would prevent anyone using animals acquired by any animal shelter for research purposes from receiving any grant or research protocol from the National Institutes of Health (NIH).

Rep. Mrazek and John A. Hoyt, President of the Humane Society of the United States, in recent letters to the *Washington Post*, openly opposed such use and took strong exception to an article by Michael E. DeBakey, Chancellor of the Baylor College of Medicine, in favor of releasing pound animals for research.

In his letter, Hoyt charged that "the research community is exploiting the national tragedy of pet overpopulation to ensure a readily accessible supply of research animals."

In his letter, Rep. Mrazek discussed his legislation and noted that 11 states and four foreign countries now ban pound seizures for laboratory research. He added, "Many of us, including Dr. DeBakey, wrestle morally and emotionally with the question of the rights of humans and animals. Since lifesaving research must go on, it is important that we reach a compromise on this dilemma. Once the biomedical research community accepts the fact that shelter animals do not belong in research laboratories, we will be on the way to reaching an important middle ground between those who would not alter animal research policy at all and those who would end research on animals altogether."

Dr. DeBakey, in his letter, had posed the question, "Are we now to hold human health hostage to the rights of abandoned animals to be killed in pounds?"

Dr. DeBakey points out that "only about one percent of abandoned dogs are released for research."

"If pounds are such a meager source of research animals," he said, "you may ask why I am concerned about that source?" His answer, "My reasons are well-founded. Not only are pound animals of particular value in research on heart and kidney disease, brain injury, stroke, blindness, and deafness, but a ban on their use could have grave and far-reaching consequences for human and animal health. In addition, such a ban would impose an extra burden on taxpayers and could price many important research projects out of existence."

Research groups are asking members to write their Congressional representatives in opposition to the bills.

In a related matter, the U.S. Department of Agriculture (USDA) extended its comment collection period for proposed changes to its regulations under the Animal Welfare Act, which would provide new and stricter requirements for research laboratory animals. Under the USDA proposals, each research facility not required to be licensed would have to register with the Department by filing a form with the Area Veterinarian in Charge and would be required to submit annual reports.

The report would, among other things, show that "professionally acceptable standards governing the care, treatment and use of animals, including appropriate use of anesthetic, analgesic and tranquilizing drugs, during pre- and post-surgical care, and during actual research, teaching, testing, surgery or experimentation were followed by the research facility. . ."

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