

Society of Toxicology NEWSLETTER

JULY/AUGUST 1990

1991 SOCIETY OF TOXICOLOGY AWARDS AND NOMINATIONS

1991 Society of Toxicology Awards

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. Nomination forms may be obtained from SOT headquarters. The form is a convenient way for the membership to nominate candidates, but direct letters of nomination with supporting material, as well as other appropriate nomination formats, may 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, **Roger O. McClellan, D.V.M.**, SOT, 1101 14th Street, NW, Suite 1100, Washington, DC 20005. The deadline for receipt of nominations for the 1991 Awards is October 1, 1990. ●

Officers and Elected Committees

The Nominating Committee asks your help in the preparation of the slate of nominees for the 1991 SOT elected officers and members of elected standing committees. The offices to be filled in 1991 include the Vice President-Elect, Secretary-Elect, and two Councilors. Additionally, two members will be elected to the Membership Committee and Education 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: **James E. Gibson, Gary P. Carlson, Steven D. Cohen, Deborah A. Cory-Slechta, John L. Emmerson, Gabriel L. Plaa.**

Act now! Your suggestions must be received by October 1, 1990. ●

SOT 1991 Dallas Annual Meeting: Call for Abstracts

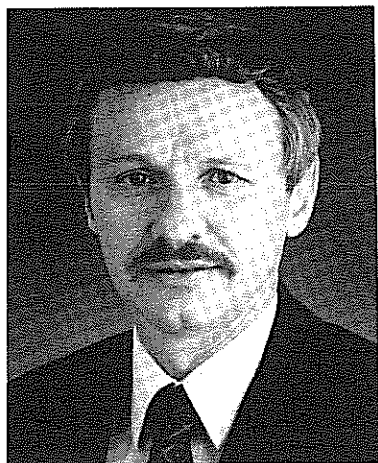
The Society of Toxicology encourages full member participation in the 1991 Annual Meeting held in Dallas, Texas. SOT members are encouraged to share their efforts and activities with their fellow toxicologists. For member convenience, abstract submission forms accompany the Dallas Meeting flyer enclosed with this newsletter.

Abstract submission will include: an original abstract form, one copy, and an abstract submission fee of \$25 per abstract. When more than one abstract is submitted in the same envelope, the number of abstracts submitted should be clearly indicated on the lower right hand corner of the envelope. Abstracts containing errors will be returned and authors will be charged. Deadline for submission: **October 5, 1990**, to: Program Committee c/o Executive Secretary, Society of Toxicology, 1101 Fourteenth Street, NW, Suite 1100, Washington, DC 20005; (202) 371-1393. ●

Q: Where was the first Annual Meeting of the Society held?

See page 3 for answer.

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Society of Toxicology
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 Suite 1100
 Washington, DC 20005
 (202) 371-1393
 Fax (202) 371-1090

Deadline for next issues:

August 10, 1990
October 10, 1990
December 10, 1990
February 10, 1991

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

President's Message

This is the thirtieth year since the founding of the Society of Toxicology. There are 46 charter members still active in the Society. To them, I am sure it seems like only yesterday that the Society was founded.

Many of us have pleasant memories of the early days of the Society Annual Meeting in Williamsburg when it seemed like you knew everyone, when there were no more than two simultaneous sessions, when the officers handed you the registration material at the meeting site, when membership records were kept on 3x5 cards and when the Society's financial records were kept in a shoebox.

While it is nostalgic and even important to reflect on the origin and growth of our Society, it is more important to "get our house" in order for today and plan for the future. We no longer have 180 members, but 2944 members.

The Society has grown rapidly and this has created a number of "growing pains." For example, the membership was excited five years ago when the Fontainebleau Hotel on Miami Beach was selected as the meeting site for 1990, 1993, 1996, especially after experiencing the Boston weather at the 1982 meeting. However, the Society had grown so much by 1990 that many registrants had to stay at overflow hotels, which turned out to be unacceptable. As a result, Council has released the future year dates at the Fontainebleau and is considering alternative sites for those years.

The financial status also has dramatically changed. While the Society's budget was small in the early years, our forefathers had the wisdom to keep in reserve an amount equal to the annual expenditures of the Society. At the present time, we have a half-year's operating expenses in reserve. While legal-business experts have informed us that is adequate, it is disturbing that our expenditures have been greater than our income three of the last four years. As a result, our Treasurer, **Jim Bus**, and **Mike McClain**, Treasurer-Elect, together with the Executive Secretary, Joan Walsh Cassidy, are implementing an elaborate accounting system to better track our finances and to allow us to predict and plan for the future.

The financial status of the Society, however, is an indicator of the level of activity of the Society and its committees and sections. In five years the number of regional chapters has increased from 11 to 16, and specialty sections from six to nine. Also over that period, the Society has greatly expanded its public outreach efforts through such activities as the animals in research brochure, and most particularly its educational efforts, as demonstrated by the wealth of activities generated by the Tox 90s Educational Issues Task Force and the Education Committee. The new programs to attract additional students to the science of toxicology and the programs to expose minorities to the opportunities in the science are ones we can be proud of. In addition, the student internship program is expected to garner long-term results, as are the very well received careers in toxicology materials distributed last year—brochures, wall posters, and the Resource Guide. The Society's awards and grants administration has increased, too, with the addition of the Colgate-Palmolive and Air Force grants. We have also seen increased activity in the area of legislative and regulatory affairs.

The Executive Secretary's office, first in Akron, Ohio and now in Washington, DC, has taken a lot of the burden off of Council, the various committees and the specialty sections. Overall this has worked very well, but has created some problems. For example, a chairman of a committee one year takes it upon himself to make sure that all details of his committees are carried out properly and in a timely fashion,

while the chairman of the next year expects the office of the Executive Secretary to handle all the details, without informing them. Therefore, a special effort is being made this year to develop for each committee a "policy, procedure, and timeline" to delineate the responsibilities of each committee as well as for the office of the Executive Secretary. This will take a considerable effort by the various committees, the Executive Secretary and Council. This manual should make for a much smoother running Society, possibly running as smoothly with 2944 members as we might have hoped it ran when there were 180 members. ●

Sincerely,



Curtis D. Klaassen, Ph.D.

Poster Session for Minority Students at Dallas Meeting, February, 1991

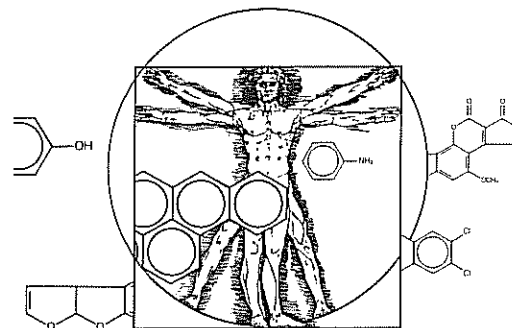
The Tox 90s ad hoc Educational Issues Task Force wishes to remind SOT members of the Poster Session it is organizing for minority students. In conjunction with the SOT Education Committee's Toxicology Workshop for the minority students at the Annual Meeting in Dallas, a Poster Session of 15-20 posters, preferably from minority scientists and those who would like to interact with these minority students, is being organized for the morning session on Tuesday, February 26, 1991. The session is in addition to the normal presentation of the posters in a scientific session.

The primary object of such a poster session is to offer a specific opportunity for the minority students who would have participated in the Education Committee's Workshop on Monday, February 25, to attend a specific scientific session and to interact with other scientists. We are seeking minority and other scientists who would be willing to put up their posters for this special Poster Session. Minority scientists, graduate students, post-doctorates or established scientists interested in participating in this Poster Session should contact **Dr. H. M. Mehendale** (601) 984-1618 or **Dr. A. J. Gandolfi** (602) 626-6696 as early as possible. All SOT members are welcome to be involved with this session, either to present their research or to interact with the minority students. ●

A: 1962-Atlantic City.

SOT Education Committee Seeks "Mentors" for Minority Student Programs at 1991 Annual Meeting

The SOT Education Committee has been informed that, due to a grant from the NIH, they will likely be able to expand their efforts to introduce toxicology to minority undergraduate science majors at the 1991 meeting in Dallas. For this effort, the Education Committee will require assistance from SOT members, postdoctoral students and others willing to serve as "mentors" for these students at the meeting. Mentors would help students find the rooms in which special sessions for them will be held during the time period between Monday afternoon and Tuesday afternoon. Mentors should also generally make these minority undergraduate science majors feel welcome at SOT. About 15-30 volunteers with responsibility for 1-2 students each are required. Please contact Donna Thomas at the SOT office, (202) 371-1393, if you are willing to help. ●

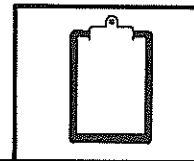


Careers in Toxicology Slides Available

Attractive and informative SOT Careers in Toxicology Slides are available through the SOT headquarters office. These slides, created with the help of a professional artist, outline the various toxicology career options open to interested students.

One set of slides is available to Society of Toxicology members at no charge. SOT requests that members return the slides after finishing with them. Multiple sets are also available to members for \$10. Individual sets of slides are available to non-members for \$10 each. ●

Announcements



Air Force Grants

The Society of Toxicology is pleased to announce the availability of the Air Force Office of Scientific Research Toxicology Grants. They include: One Post-Doctoral Research Award consisting of a two-year grant of \$40,375 per year (a new grant annually) and a New Investigator Research Award, a one-year grant (non-renewable) for \$61,750.

Interested parties should submit written requests for details and application to: Air Force Grants Review Committee, c/o Society of Toxicology, 1101 Fourteenth Street, NW, Suite 1100, Washington, DC 20005.

Closing date for grant submission is January 15, 1991. Grant work begins in the summer of 1991. ●

ICI Traveling Lectureship

The ICI Traveling Lectureships are presented by the Society of Toxicology in recognition of excellence in research and service in toxicology. ICI provides two \$6,000 awards annually to promote greater collaboration between European and North American toxicologists that will enable North American toxicologists to undertake a three to four week lecture tour of Europe. The awards are intended to familiarize the recipients with research and regulatory issues in Europe as well as to bring a North American perspective on these issues.

Candidates for these awards should be established, mid-career North American scientists who are members of the Society of Toxicology and who demonstrate the ability to integrate research and regulatory issues, and the desire to develop collaborative relationships with European colleagues.

Application should be made to the SOT Awards Committee and must include a statement of the applicant's experience and area of expertise. A proposed itinerary and its underlying rationale should be provided along with an indication of the benefits that the lectureship will confer on the applicant. The itinerary must include a visit and lecture at ICI's Alderly Park Facility in Cheshire, England. The application should not exceed 1,500 words.

The following format is suggested for the application:

1. Name and affiliation
2. Statement of experience and expertise
3. Proposed lecture itinerary
4. Rationale for itinerary
5. Statement of benefits of applicant
6. Curriculum vitae.

The Society of Toxicology Awards Committee, chaired by **Roger O. McClellan, D.V.M.**, will select recipients for the ICI Traveling Lectureships. The awardees will be named at the annual SOT meeting. Applications for the 1991 ICI Traveling Lectureship Awards must be received at SOT headquarters by October 1, 1990. ●

1991 Burroughs Wellcome Award

The Burroughs Wellcome Fund offers a five-year Toxicology Scholar Award of \$300,000, administered by the Society of Toxicology and awarded to an individual in a U.S. school. A commitment to Toxicology as a basic science by the individual and the institution is a major criterion. Selection is made by the guidance of a five-member committee and based on demonstrated ability and potential of the candidate, strength of commitment of the institution to program quality and the relative importance of the Award to the success of the program.

Applications are to be received by December 3, 1990 by the Chairman, Advisory Committee for the Burroughs Wellcome Toxicology Scholar Award, **Dr. Tom S. Miya**, School of Pharmacy, Beard Hall, Campus Box 7360, University of North Carolina, Chapel Hill, North Carolina 27599 (Telephone: (919) 966-1121.) ●

SOT Student Travel Awards

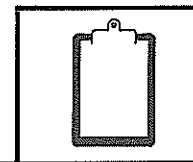
The Society of Toxicology's Education Committee administers the Student Travel Award Funds, which are available to help defray travel expenses for students attending the 1991 SOT Annual Meeting.

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 October 5, 1990.

Applications have been mailed to all SOT student members. If you have not received your application, please call SOT headquarters, (202) 371-1393. ●

Announcements



Graduate Fellowship Awards

The Society of Toxicology, through the Education Committee, announces the availability of Graduate Fellowship awards in Toxicology of \$9,500 each. The Awards are sponsored by Ciba-Geigy, Hoffmann-La Roche, Procter & Gamble, and Hazleton. The Fellowship Awards are for one year and are to be administered by the Department of the Awardees.

Any graduate student with at least two years of graduate study toward the Ph.D. degree in the area of toxicology and whose major professor is a member of the Society of Toxicology may apply. Further details are available from SOT headquarters. Evaluation by the Education Committee is based primarily on:

- Originality of the dissertation research
- Research productivity
- Relevance to toxicology
- Scholastic achievement
- Letters of recommendation

Applications are due by October 5, 1990. Finalists will be invited to attend the Society of Toxicology Annual Meeting for an interview. The winners of these awards will be announced at the Annual Meeting.

Applications are available from the Education Committee, Society of Toxicology, 1101 Fourteenth Street, NW, Suite 1100, Washington, DC 20005. ●

Honorary Membership

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 October 1, 1990, to the Executive Secretary, SOT, 1101 Fourteenth Street, NW, Suite 1100, Washington, DC 20005. ●

Risk Assessment Specialty Section Award

The Risk Assessment Specialty Section Award, presented at the Annual Meeting, is open to all SOT members as well as non-members. Initial review of presentations is conducted using abstracts on risk assessment submitted to the Society. Selection of the award-winning presentation is based on supporting data (methodology, tables, graphs and other relevant information) provided by the author.

Participants must submit five copies of their abstract to the Risk Assessment Award Committee Chairman (**Dr. Charles O. Abernathy**, Health Effects Branch (WH-550D), U.S. EPA, 401 M Street, SW, Washington, DC 20460) by the October 5, 1990 deadline for submission of abstracts to the SOT 1991 Annual Meeting. Only the senior author (one listed first on abstract) is eligible for the award. The senior author (or representative) must provide copies of supporting data to the designated committee members at least four weeks prior to the opening date of the Annual Meeting. Presentations will be judged on originality and potential impact on risk assessment. ●

Reproductive and Developmental Toxicology Specialty Section Announces Graduate/Postdoctoral Student Award

The SOT Reproductive and Developmental Toxicology Specialty Section has announced its intention to give awards of recognition for the best platform and/or poster presentations by either graduate students or postdoctoral fellows in the areas of reproductive and developmental toxicology at the 1991 SOT Annual Meeting in Dallas, Texas, held from February 25 to March 1. General areas of research include male and female reproductive toxicology, reproductive endocrinology, teratology/developmental toxicology, and postnatal functional assessment. Candidates for these awards are requested to send a copy of the abstracts submitted to the Society to the address listed below by November 1. An outline of the talk or a copy of the poster also should be included, if possible.

The abstracts and posters should describe original research which may include applied studies, investigations of mechanisms involved in toxic response, or studies on basic

Reproductive and Developmental Toxicology Award

Continued from page 5

biochemical, physiological, or genetic mechanisms of action. Interested individuals may request Society information and abstract forms from: **Dr. James C. Lamb**, Toxicology and Environmental Sciences, Jellinek, Schwartz, Connolly & Freshman, Inc., 1015 15th Street, NW, Suite 500, Washington, DC 20005; (202) 789-3332. All submitted documents will be treated as privileged information. The successful candidates will be announced at the Annual Meeting of the Specialty Section. ●

Alternatives Grant Program

The Procter & Gamble Company has announced a solicitation for research proposals for alternatives in animal efficacy and safety testing of drugs and consumer products. This program, entitled "University Animal Alternatives Research Program," will award three grants in 1991. Funding will be up to \$50,000 annually for up to three years. The program focuses on key aspects of the development and validation of new alternatives methods: (1) new *in vitro* biochemical and cellular approaches to efficacy and safety testing that could replace *in vivo* testing methods, (2) non-invasive *in vivo* assessment methods, and (3) the identification of new procedures or models to reduce the use of animals or the distress imposed on animals. These alternative test methods may include the use of cell, tissue, or organ culture and other *in vitro* test systems as well as improved animal tests. Areas of particular interest to the sponsor are:

Efficacy Testing

analgesics
inflammation
diseases of the oral cavity
gastrointestinal disorders
cardiovascular disorders
bone disorders
skin disorders
respiratory diseases
nutritional disorders

Safety Testing

ocular irritation
acute oral toxicity
skin irritation
contact sensitization
developmental toxicity
respiratory toxicity
neurotoxicity

Procter & Gamble announced the 1990 UAARP grant recipients last March. The three scientists receiving UAARP funding for their research on the use of cell cultures as alternative testing methods are:

- Dr. Thomas Baumann, Oregon Health Sciences University, who is researching the use of cell cultures of pain-transmitting neurons as an alternative to animal studies of irritants, analgesics and anti-inflammatory drugs.
- Dr. George Leikauf, University of Cincinnati, who is investigating the use of cultured human airway cells to test selected lung toxicants and drugs.

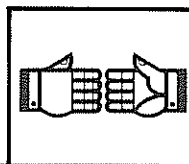
- Dr. Martha Somerman, Maryland Dental School, who is studying the use of human periodontal cells to test the efficacy of drugs to treat periodontal diseases.

Requests for 1991 proposal application forms or questions regarding application procedures may be directed to University Animal Alternatives Research Program, The Procter & Gamble Company, Miami Valley Laboratories, P.O. Box 398707, Cincinnati, Ohio 45239-8707. Deadline: September 1, 1990. ●

Colgate-Palmolive Postdoctoral Award Seeks Applications

The Colgate-Palmolive postdoctoral award for *in vitro* toxicology has expanded its scope, with applications invited from individuals conducting research in any aspect of *in vitro* toxicology. The award is available to post-doctoral trainees in their early years of study beyond the Ph.D., M.D., or D.V.M. degrees who are employed by academic institutions or research institutes worldwide. The post-doctoral advisor must, however, be a member of SOT. This 2-year \$67,000 award includes an annual stipend of \$22,000 and additional funds that can be used for supplies, equipment, or research-related travel. The application deadline is November 1, 1990. The award will be presented at the SOT Annual Meeting in Dallas, with funding to begin at that time or anytime before September 1, 1991. Application materials can be obtained from the Education Committee, Society of Toxicology, 1101 Fourteenth Street, NW, Suite 1100, Washington, DC 20005. ●

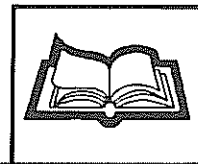
Chapter News



The Southern California Chapter of the Society of Toxicology is having an annual sign-up. Active membership in the chapter is open to anyone interested in the field of toxicology. Students are especially encouraged to join. For a membership application, please write: **Dr. F. Koschier**, ARCO AP-4358, 515 S. Flower St., Los Angeles, CA 90071.

On May 10, 1990, at the Annual Meeting of the Mid-Atlantic Chapter of the Society of Toxicology, the 9th annual Ambassador in Toxicology award was presented to **John H. Weisburger**, Ph.D., M.D. by the Chapter. The award recognized Dr. Weisburger's many scientific and leadership contributions to the field of cancer research. As part of the award ceremony, Dr. Weisburger presented an address on the "Essential Distinctions in the Human Risk Assessment for Genotoxic and Non-Genotoxic Carcinogens." ●

Publications of Interest



1990 ASTM Directory of Medical Testing Laboratories, \$50.00 (\$40.00 members,) 1916 Race Street, Philadelphia, PA 19103; (215) 299-5585.

Canine Research Environment, J.A. Mench, D. Phil., L. Krulisch (eds.), \$30.00, Scientists Center for Animal Welfare (SCAW), 4805 St. Elmo Avenue, Bethesda, MD 20814-4805; (301) 654-6390.

Clinical Effects of Environmental Chemicals, R.D. Kimbrough, K.R. Mahaffey, P. Grandjean, S. Sandoe, D.D. Rutstein, \$50.00, Hemisphere Publishing Corporation, 1900 Frost Rd., Suite 101, Bristol, PA 19007-9925.

Coping With Radiation Accidents, \$40.00, Atlas/Prestige Graphics, 149 N. Prospect Street, P.O. Box 551 Ravenna, OH 44266-0551; (216) 296-6885.

Critical Reviews in Toxicology, R.O. McClellan (ed.), \$225.00, CRC Press, Inc., 2000 Corporate Blvd., NW, Boca Raton, FL 33431; (407) 994-0563 or (800) 272-7737.

Directory of Toxicology Laboratories Offering Contract Services, R.I. Freudenthal, \$99.95, Hill and Garnett Publishing, Inc., P.O. Box 180, Greens Farms, CT 06436.

Environmental Causes of Human Birth Defects, T.V.M. Persaud, \$34.75, Charles C. Thomas, Publisher, 2600 South First Street, Springfield, IL 62794-9265.

Ethel Browning's Toxicity and Metabolism of Industrial Solvents, Vol. 2: Nitrogen and Phosphorus Solvents, D.R. Buhler and D.J. Reed (eds.), \$195.25, Elsevier Science Publishers, Elsevier Science Publishing Co., Inc., P.O. Box 882, Madison Square Station, New York, New York 10159.

Fire Safety Science, Hemisphere Publishing Corp., 1900 Frost Rd., Suite 101, Bristol, PA 19007-9925.

Food Labeling Guide, U.S. Department of Health and Human Services, \$1.75, U.S. Government Printing Office, Dept. SSMC, Washington, DC 20401.

The Gamma Ray Observatory, National Aeronautics and Space Administration, \$3.25, U.S. Government Printing Office, Dept. SSMC, Washington, DC 20401.

A Guide to Standards, Albert L. Batik, \$12.00, American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103; (215) 299-5400.

Insecticide Action: From Molecule to Organism, T. Narahashi and J.E. Chambers (eds.), \$69.50, Plenum Publishing Corporation, 233 Spring Street, New York, NY 10013; (212) 255-0713.

Medical Aspects of Tobacco (video), featuring Dr. Max Schneider, \$460 video, \$550 16mm film, FMS Productions, P.O. Box 4428, 520 E. Montecito St., Suite F, Santa Barbara, CA 93140; (800) 421-4609, CA (805) 564-2488.

Medical Device Packaging Handbook, J.D. O'Brien (ed.), \$99.75, Marcel Dekker, Inc., 270 Madison Ave., New York, NY 100016; (212) 696-9000.

Medical Toxicology: Diagnosis and Treatment of Human Poisoning, M.J. Ellenhorn and D.G. Barceloux, \$90.00 (\$185.00 cloth,) Elsevier Science Publishing Co., Inc., P.O. Box 882, Madison Square Station, New York, New York 10159.

Molecular Biology of the Cardiovascular System, S. Chien (ed.), \$39.50, Lea & Febiger, 200 Chester Field Parkway, Malvern, PA 19355-9725; (800) 444-1785.

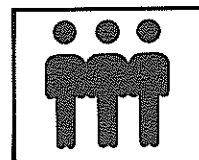
Neurotoxicity: Identifying and Controlling Poisons of the Nervous System, Office of Technology Assessment, \$15.00, U.S. Government Printing Office, Washington, DC 20402-9325; (202) 783-3238.

Partnerships Under Pressure-Managing Commercial Low-Level Radioactive Waste, \$8.00, Office of Technology Assessment-Congress of the United States, U.S. Government Printing Office, Dept. SSMC, Washington, DC 20401; (202) 275-3340.

A Practical Approach to Toxicological Investigations, A. Poole, G.B. Leslie, \$29.95, Cambridge University Press, 40 West 20th Street, New York, NY 10011.

United Kingdom Smoking Statistics, N. Wald and S. Kiryluk (eds.), \$75.00, Oxford University Press, 200 Madison Avenue, New York, NY 10016. ●

Member News

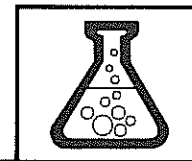


Roger O. McClellan, D.V.M., has been elected to the Institute of Medicine. New Members are elected from among candidates chosen for major contributions to health and medicine or to related fields. Members make a commitment to devote a significant amount of time for work on committees engaged in a broad range of studies on health policy issues.

John Doull, M.D., Ph.D., presented The Samuel Kuna Distinguished Lectureship in Toxicology at Rutgers University on April 26, 1990.

Theodore M. Farber, Ph.D., D.A.B.T. has formed his own firm, Toxicology Advisory Services, a consultancy in toxicology, regulatory affairs and litigation support. Dr. Farber has also been retained by Clement Associates as Senior Science Advisor for pharmaceutical, food additive and pesticide toxicology. ●

Placement Services



Extension Agrichemical Specialist

Extension Agrichemical Specialist, E-2/E-3 (assistant/assoc. prof. level), 12 month, tenure track. To provide information to WSU faculty and to residents of Washington on the properties of and regulations concerning all pesticides. Requires Ph.D. in an agricultural specialty, or toxicology, with emphasis on pesticides. Details available from Dr. Robert Harwood or Dr. Garrell Long, Dept. of Entomology, Washington State University, Pullman, WA 99164-6432 or phone (509) 335-5504. Application deadline August 15, 1990. AA/EOE. ●

Industrial Toxicologist

CIBA-GEIGY Pharmaceuticals Division is known worldwide for innovative products that safeguard our health and enhance our lives. These concerns extend to intensive preventative measures related to the hazards of chemical toxins. Our Safety, Industrial Hygiene and Ecology Department seeks an individual who will evaluate the toxicity of chemical substances with relation to workplace exposures and environmental impact used within the Division. Your responsibilities include evaluation of existing data, its applicability to occupational exposures, environmental impacts, and the need for additional toxicity studies and/or establishment of exposure limits. Qualified candidate will coordinate the Division's Hazard Communication/Right To Know program, involving health hazard labeling in the preparation of Material Safety Data Sheets. You will interface with a wide spectrum of departments, including Employee Health Services—identifying appropriate biological monitoring/medical surveillance for employees who handle toxic materials. You will interact with Technical Services and submittals. You will also communicate data for agency submittals. You will also communicate with Federal and State regulatory agencies. A PhD and up to 3 years of related experience are required. CIBA-GEIGY provides competitive salaries and a full range of benefits in an environment that encourages professional growth. Send resume with salary history and requirements, to: Staffing Center, CIBA-GEIGY Corporation, Pharmaceuticals Division, Dept. 967, 556 Morris Avenue, Summit, NJ 07901. We Are An Equal Opportunity Employer M/F/H/V. ●

Environmental Toxicology Program Manager

American Cyanamid's Agricultural Research Division is committed to the discovery and development of crop protection and animal health products. Our commitment to R&D is matched by our determination to protect the environment, and thus we are seeking the skills and resources of an experienced Environmental Toxicologist in the role of Program Manager. Responsibilities include the design, monitoring, and review of the full range of environmental toxicology testing for EPA, FDA, and OECD registrations of pesticides and animal drugs. You should possess an M.S. or Ph.D. in Toxicology or a related field, and 3 to 10 years industrial, governmental, or contract laboratory experience in environmental toxicology. In addition, knowledge of FIFRA and OECD guidelines in environmental toxicology is essential. American Cyanamid is located south of Princeton, NJ, just one hour from New York City and Philadelphia, and offers an excellent compensation and benefits package, including a 401K savings plan and flexible working schedules. For prompt and confidential consideration, please forward your resume and salary history to the Employment Office, American Cyanamid Company, Agricultural Research Division, P.O. Box 400, Princeton, NJ 08543-0400. An Equal Opportunity Employer M/F/H/V. ●

Assistant/Associate Professor in Toxicology

Applications are invited for a tenure-track faculty position in veterinary toxicology. Qualifications include the Ph.D. degree in toxicology or related discipline. Preference will be given applicants who also have the D.V.M. or V.M.D. degree. Postdoctoral experience and board certification or board eligibility in toxicology will be given consideration. The successful applicant will participate in professional and graduate instruction, consult on selected clinical toxicology problems, and conduct an active research program in toxicology. Salary will be commensurate with experience and productivity. Applications received by September 1, 1990, are assured of consideration. Applicants should send a letter of application including a statement of career goals and curriculum vitae, and have three letters of recommendation sent to: Dr. John M. Bower, Chair, Search Committee, Department of Physiology and Pharmacology, College of Veterinary Medicine, The University of Georgia, Athens, Georgia 30602. The University of Georgia is an Equal Opportunity/Affirmative Action Institution. ●

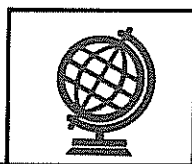
Toxicology Position

A major, privately held, Midwestern corporation which manufactures and markets a wide range of consumer products including household, personal care, and nutrition products has an extraordinary growth opportunity for an individual to be the corporation's Senior Toxicologist responsible for product safety. The position is responsible for the assurance of safety of the corporation's extensive line of products; included in the responsibilities of the position is the development and implementation of *in vitro* toxicological techniques in a newly designed laboratory facility dedicated to alternative testing. The successful candidate should have a Ph.D. in Toxicology or related science with at least five or more years of experience, preferably in the consumer products industry. Experience in design, conduct, monitoring, and interpretation of product safety evaluations, together with regulatory agencies and/or trade association involvement, is desired. For confidential consideration, send resume to: R & D Administrator 14-1J, AMWAY Corporation, 7575 Fulton Street East, Ada, Michigan 49355-0001. ●

Toxicologist Position Wanted

Completing Ph.D. in pharmaceutical chemistry (Summer 1990.) Biochemical and inhalation toxicology experience. Extensive analytical background. Four years experience as a consulting toxicologist. Seeks position in pharmaceutical or chemical industry. Desires Northeast, Mid-Atlantic areas or major metropolitan centers. Please call: (516) 481-4791. ●

Upcoming Conferences



Toxicology for Chemists Course, August 21-23, 1990, Georgetown Marbury Hotel, Washington, DC. For further information, contact: Ms. Pamela McNally, Education Division, American Chemical Society, 1155 Sixteenth Street, NW, Washington, DC 20036; (202) 872-4508 or (800) 227-5558.

Recombinant DNA Methodology, September 5-7, 1990, Sheraton Crystal City Hotel, Arlington, VA. for information, contact: Workshop Coordinator, EXON-INTRON, Inc., 9151 Rumsey Road, Suite 130, Columbia, MD 21045; (301) 730-3983.

Association of Official Analytic Chemists Annual International Meeting and Exposition, September 10-13, 1990, The Clarion Hotel, New Orleans, LA. For information, contact: Margaret Ridgell, AOAC, Suite 400, 2200 Wilson Boulevard, Arlington, VA 22201-3301; (703) 522-3032.

North Atlantic Treaty Organization (NATO) Advanced Research Workshop (ARW) Nitrate Contamination: Exposure, Consequence and Control, September 10-14, 1990, University of Nebraska, Lincoln, NE. Contact: Istvan Bogardi, Department of Civil Engineering, University of Nebraska-Lincoln, Lincoln, NE 68588-0531; (402) 472-1726, fax (402) 472-2410.

23rd International Congress on Occupational Health, September 22-28, 1990, the Montreal Convention Centre, Montreal, Canada. For information, contact: The 23rd International Congress on Occupational Health, Secretariat, 58, de Bresoles Street, suite 2, Montreal, (Quebec) Canada, H2Y 1V5.

Fourth International Conference on the Combined Effects of Environmental Factors (ICCEF) '90, September 30-October 3, 1990, Baltimore, Maryland. Contact: Dr. Jacqueline Corn (ICCEF), The Johns Hopkins School of Hygiene and Public Health, 615 North Wolfe Street, Room 6001, Baltimore, MD 21205.

Role of Toxicants in Neurological Disorders: Experimental and Clinical Correlations, October 1-4, 1990, Excelsior Hotel, Little Rock, AR. Contact: Conference Chairman, Dr. Joan M. Cranmer, Dept. of Pediatrics #512, University of Arkansas for Medical Sciences, Little Rock, AR 72205; (501) 370-2986. Abstract deadline is August 1, 1990.

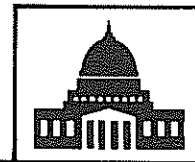
International Symposium on Toxicology, sponsored jointly by the Health Toxicological Society of the China Preventive Medical Association and the Toxicological Section of the Chinese Pharmacological Society, October 15-19, 1990. For symposium details, please contact: Dr. Frank Lu, Vice-Chairman, Organizing Committee, 7452 SW 143 Avenue, Miami, FL 33183; (305) 385-6226, fax (305) 386-7875.

Conference on Chemical Risk Assessment in the DoD: Science, Policy, and Practice, October 16-18, 1990, Holiday Inn Conference Center, Dayton, Ohio. For further information, contact Ms. Lois Doncaster, Conference Coordinator, NSI Technology Services Corporation, 101 Woodman Drive, Suite 12, Dayton, Ohio 45431; (513) 258-1150.

Neurotoxins - Impact on Public Health, November 6, 1990, Mt. Sinai Hospital Auditorium, Toronto, Ontario. For further information, contact: The Canadian Neurological Coalition, 100 College Street, Toronto, Ontario M5G 1L5; (416) 596-7043.

Seventh International CAAT Symposium In Vitro Toxicology Mechanisms and New Technology, November 27-29, 1990, Turner Building, Baltimore, MD. For further information, contact: Program Coordinator, Office of Continuing Education, The Johns Hopkins Medical Institutions, 720 Rutland Avenue, Turner, Building, Baltimore, MD 21205-2195; (301) 955-2959. ●

Watching Washington



AAAS Reaffirms Support for Animal Research

The American Association for the Advancement of Science (AAAS) has passed a resolution emphatically stating its continued support of the humane use of animals in research, testing and education. The resolution also called on scientists to provide laboratory animals with the best care possible and take whatever steps they could to minimize the animals' pain and discomfort while communicating respect for animals to employees, students and peers. In their resolution AAAS advocated the use of alternatives to animal testing "where applicable and efficacious," and determined that "the use of animals by students can be an important component of science education," when these students are afforded proper supervision. ●

C. Everett Koop Goes Public With Backing for Animal Research

Former U.S. Surgeon General C. Everett Koop has appeared in two public service announcements for the Foundation for Biomedical Research. During the announcements, Dr. Koop credits animal-based research for making possible "most of the enormous medical advances we take for granted today." Koop calls animal-based research "our best hope" for unlocking the secrets to a plethora of debilitating diseases. The public service announcements, created by award-winning art director, David Wojdyla, are being distributed to television stations nationwide. ●

Animal Welfare Standards Rejected for Guinea Pigs, Hamsters, and Rabbits

Citing a direct criticism delivered by the President's Science Adviser, The Office of Management and Budget (OMB) has rejected final animal welfare standards for guinea pigs, hamsters and rabbits submitted by the U.S. Department of Agriculture (USDA). In a letter to Agriculture Secretary Yeutter, the Science Adviser to President Bush, D. Allan Bromley, criticized the USDA rule. He urged that new regulations be drafted that are more cost effective, scientifically sound, and promote animal welfare. Bromley also called for regulations that set "engineering rather than performance-based standards." ●

Washingtonian Article Draws Unprecedented Favorable Response

The May issue of *Washingtonian* magazine reports that Katie McCabe's article, "Beyond Cruelty," generated an unprecedented favorable response. More than 500 letters arrived at *Washingtonian* offices through early April, the largest response in the magazine's history. Although animal rights activists have attacked McCabe's article as biased, *Washingtonian* reported that letters ran 12 to 1 in favor of the article. According to *Washingtonian*, People for the Ethical Treatment of Animals (PETA) has filed suit against McCabe and threatened similar action against a number of journalists and members of the research community who have cited McCabe's article.

SOT members can obtain one copy of Katie McCabe's article "Beyond Cruelty," from SOT headquarters upon written request. ●

Consumer Product Safety Testing Bill Loses in Illinois, Advances in California

The Illinois House has defeated HB 1042, a bill that sought the ban of dermal and eye irritancy tests, including the Draize test to determine the safety of "cosmetics or household washing, cleaning or laundry products."

Meanwhile, in California AB 2461, following January approval by the Assembly, was reported favorably by the Senate Judiciary Committee. This bill seeks prohibition of "the Draize Test or ocular test and the Skin Irritancy Test on live animals for the purpose of testing cosmetics and household products." If the bill passes, performing such a test would be considered a misdemeanor, punishable by imprisonment in the county jail for a maximum of one year, or by a fine of no more than \$2,000, or both. The bill has been amended five times and approved by three different committees. It has been referred to the California Senate Appropriations Committee. ●