

Society of Toxicology NEWSLETTER

MAY-JUNE 1987

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 included with this newsletter. 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**.

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 to the Executive Secretary, SOT, 1133 Fifteenth Street, NW, Suite 1000, Washington, DC 20005.

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.

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 administered 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. Further details may be found in the enclosed application. 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, Tex., Feb. 16-19, 1987, 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 Fifteenth Street, N.W., Suite 1000
Washington, D.C. 20005

Member News

Elliot S. Harris, PhD, formerly Deputy Director of NIOSH, has joined A.M. Wolven, Inc., Atlanta, as an Associate.

Steven D. Aust, PhD, formerly with Michigan State University, has been named Director of Biotechnology at Utah State University at Logan. The Biotechnology Center initially will be directed toward the development of technology for the degradation of environmental pollutant by white rot fungi. The Center also will develop a program to evaluate the toxicology of biotechnology products.

Martyn Smith, PhD, has been promoted to Associate Professor with tenure at the School of Public Health of the University of California at Berkeley.



President's Message

Where are we going? What do we do next? The Society of Toxicology is maturing. We have come of age. Over the last few years we have seen our young Society comprised of a few highly motivated, enthusiastic members, who ran the Society out of their back pockets, mature into a well-defined organization of roughly 2,000 members. We are now managed on a daily basis by a competent group of highly skilled professionals on the 10th floor of an office building in the nation's capital. The officers now serve to set strategic direction, define operating principles and establish the scientific tone of its national meetings and scientific publications. We celebrated our 25th anniversary with a gala affair in New Orleans and then proved to ourselves and to others that the success of the meeting in New Orleans was not only a celebration related to history, but was a portent of things to come. The meeting last year in Washington, D.C., set many records in terms of registrations, innovative programming and high scientific quality.

Thus, the questions of what are we doing and where are we going are relevant to your new officers and Council. We are rapidly approaching a new millennium. Where will our science lead us? How will the Society of Toxicology assist its members to meet those changes in science? Council is beginning to grapple with these issues and several initiatives and actions have been defined. You will recall that a decade ago, **Tom Miya** created a Commission on Toxicology in the '80s. Many innovative ideas were proposed, which have been implemented by the Society to support the membership in meeting the changing needs of toxicology in the '80s. Council has requested that Tom again convene a group to assess the future of toxicology, and we are gratified that he has agreed to take on that challenge. **Jim Gibson**, Vice President; **Roger McClellan**, Vice President-Elect; and I will serve with Tom as a planning committee to ensure the continuity of the planning, participation and publication of the activities of this commission, which undoubtedly will continue over the course of more than one year. More about this as plans develop.

The financial condition of the Society is always one of interest to the membership. Our Treasurer, **Gary Lage**, as Chairperson of the Finance Committee, has instituted a critical analysis of our current operations and will present a plan to Council and to the membership at the 1988 meeting concerning the utilization of our cash reserves and the disposition of interest earned on those cash reserves. In addition, I have appointed **Glenn Sipes** as Chairperson of a special task force made up of himself, Gary Lage and **Bill Berndt** to analyze critically the relationship between the Society and our Corporate Associates. This will include an analysis of the benefits we provide to our Corporate Associates and, conversely, the support we request from them. In addition, the group will develop a strategic plan for increased recruiting of Corporate Associates into the Society of Toxicology.

During this year, we will negotiate a new contract for publication of the Society's journals with Academic Press. **Gary Carlson**, Chairperson of the Board of Publications, will lead the group and will be assisted in the negotiations by **Gary Lage**, **Roger McClellan** and **Gabbie Plaa**.

An additional item of interest is that the U.S. Air Force Office of Scientific Research, with the advice of a committee of consultants, has decided to redirect their extramural research effort. Rather than fund a number of small grants, the Air Force has selected to fund postdoctoral fellowships for training in toxicology and to fund a limited number of young investigator awards. It is proposed that the funds be distributed through three societies: SOT, SETAC and ACT. A committee chaired by **Mary Jo Vodienik**, Chairperson of the SOT Education Committee, **Chris Wilkinson**, Council Liaison to the Education Committee and **Joan Walsh Cassidy** will serve as SOT liaison with the other societies to develop a system whereby the three societies can jointly administer the grant program. This is an exciting new venture that allows the Society to interact with a funding agency and with its membership to encourage training in the science of toxicology. More about this later as the program crystallizes.

The primary focus on activity during the year is preparation for the Annual Meeting. The 1988 Annual Meeting will be held February 16-19, in the Loews Anatole Hotel, Dallas, Tex. **Jim Gibson**, Chairperson of the Program Committee, reports that the hotel is ideally suited for SOT purposes. He and the Program Committee are working diligently to provide a stimulating scientific meeting for us in Dallas. You will recall that last year we increased the number and scientific quality of our scientific symposia and also initiated poster/discussion sessions. These were extraordinarily effective and will be utilized even more in 1988. In 1988 there will be a one half-day plenary session. The Program Committee will develop a method of selecting exciting subjects and speakers who will present cutting edge science that will be of interest to all members of the Society. We are certainly looking forward to this new and exciting type of programming. The Continuing Education Committee under **Bill Tierney** has already begun work to program the Continuing Education Courses. We are looking forward to exciting, challenging presentations for all of us.

(continued on page 7)

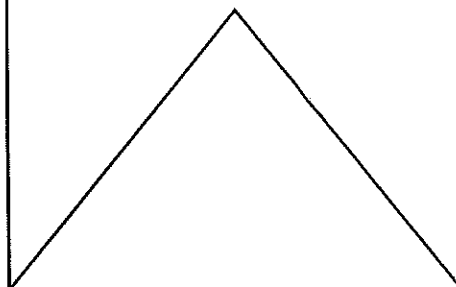
MARK YOUR CALENDAR!

1988 SOT ANNUAL MEETING

February 14-19
Loews Anatole Hotel
Dallas, Texas

Deadline for next

issues: July 25, 1987
September 15, 1987
November 15, 1987
January 15, 1988
March 15, 1988



1988 Society of Toxicology Annual Meeting Outlook

February 15–19, 1988
Loews Anatole Hotel
Dallas, Texas

Program Committee Announces 1988 Plenary Session and Poster/Discussions

To acknowledge excellence in Toxicology research, the SOT Program Committee has planned a plenary session for the 1988 Annual Meeting in Dallas. The session, Tuesday morning, Feb. 16, 1988, will highlight platform presentations of forefront, top-quality research, selected by the Program Committee from submitted abstracts.

Since there will be no competing activities, all meeting registrants should plan to attend this session. The session will be chaired by the Program Committee Chairperson, **James E. Gibson**, and will be comprised of nine presentations of 15 minutes' duration and five minutes' discussion for each.

The Program Committee intends that it be a special honor to have an abstract selected for this session and that those selected will pay exceptional attention to the presentation of the substance and the slides used in the presentation. The plenary session is expected to become an annual tradition, and competition for selection to the plenary session should become keen.

A space will be provided on the abstract form for indication of interest in having an abstract considered for presentation in the plenary session. There are no special criteria for abstract submission; however, abstracts that convey the objectives, methods, results (data) and significance of the findings will have a greater chance of selection than those that do not.

The successful poster/discussion format used in two sessions of the 1987 Annual Meeting will be expanded to 10 sessions in 1988. Abstracts will be selected by the Program Committee for presentation in these sessions and grouped into suitable topic areas.

These two initiatives of the Program Committee will increase the attention and critical evaluation of a significant number of submitted abstracts. Of course, traditional platform presentations, poster sessions and symposia will continue to constitute the majority of the SOT meeting.

Abstract Review

All abstracts submitted should contain: 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.

Abstract Submission Fee

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

If submission guidelines have not been followed, an additional \$25 charge will be invoiced to pay for the cost of retyping the abstract.

Please note: two abstract submission forms are included with this newsletter. If more are needed, please return the enclosed postcard. Abstracts must be received at SOT headquarters by 5 p.m. on **Oct. 16, 1987**.

Registration Information

The preliminary program with housing and air travel information, will be mailed to the membership about Dec. 1, 1987.

Night at the Ranch

On Tuesday, Feb. 16, 1988, the Society of Toxicology will be sponsoring a Western evening at the Circle R Ranch, just 30 minutes away from the Loews Anatole Hotel. SOT guests will be taken by bus to the Circle R Ranch where they will be greeted with true Texan hospitality, served an all-you-can-eat Texas-style Barbeque Dinner, and entertained by a true Western band.

A Note to SOT Musicians

Attendants and guests at the Society of Toxicology 1988 Annual Meeting who wish to participate in an evening of chamber music are requested to contact: **Bill Sunderman Jr.**, University of Connecticut School of Medicine, 263 Farmington Ave., Farmington, CT 06033; (209) 679-2328. Please designate the instrument and compositions you wish to play.

Special Communicating Concepts Poster/Demonstration

A special poster/demonstration session, entitled "Communicating Basic Concepts in Toxicology to Non-Scientists," will again be held at the 1988 Annual Meeting of the Society of Toxicology. The objective of the session is to provide an opportunity for SOT members to exchange and share teaching and informational materials, which can be utilized in presenting basic concepts in toxicology to groups of non-scientists, such as media personnel, secondary school students and health practitioners.

Members of SOT are invited to participate by submitting formal abstracts describing concepts and/or materials to be presented, using the standard abstract form. Abstracts for this session should be identified by checking Session Topic number 26, "Communication/Education," on the abstract form. Appropriate topics include computer programs, instructional materials and informational resources.

The session will be formally presented in the afternoon on the first day of the meeting and will remain posted throughout the second day for informal communications. Members may obtain further information on the session from Dr. **James Woods**, Chairman, SOT Committee on Public Communications, (206) 525-3130.

1988 Toxicologist Keyword Index

This year the keyword index 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.

Regional Chapter News

Northeast Chapter

The Northeast Chapter held a regional meeting on May 15, 1987, at the General Electric Plastics Division. The meeting was hosted by **Ladd W. Smith**. The western Massachusetts location was chosen, in part, to encourage attendance by interested parties in upstate New York. Of the present membership of 250, about 80 people attended.

The theme of the meeting was immunotoxicology. The general consensus of attendees was that this was one of the best chapter meetings thus far. Approximately 13 posters were presented in the afternoon session. The winner of the student award for best poster was **Laraine Meyers**, University of Connecticut. The poster was entitled "Effect of Mixed Function Oxidase Activity and Age on Acetaminophen-Induced Inhibition of Mitochondrial Respiration." Co-authors were **W.P. Beierschmitt**, E.A. Khairallah, D.C. Wyand and **S.D. Cohen**.

Special thanks go to **Ladd Smith** and Leslie King for their efforts in hosting this meeting.

The fall meeting is tentatively planned to be held in Cambridge, Mass. **Freddy Homburger** of BioResearch Institute, Inc. has offered to host the meeting. Preliminary plans are for a joint meeting with the Mutagenesis Society. The central topic will likely involve some aspect of in vitro toxicology testing. The chapter is also investigating the possibility of a half-day workshop on toxicokinetics.

Mid-Atlantic Chapter

The Mid-Atlantic Chapter of the Society of Toxicology held its Spring Symposium and Ambassador Award Dinner on May 5, 1987, in New Brunswick, N.J. At the meeting, which was attended by 155 members, **Gabriel L. Plaa** was awarded the Ambassador Award. He was the sixth recipient of this award, the first being **Leon Golberg**.

The following new officers and council members were named at the meeting: **Michael A. Gallo**, Past President; **Jerry M. Smith**, President; **R. Michael McClain**, Vice President; **Richard S. Waritz**, Vice President-Elect; **Francis J. Koschier**, Secretary-Treasurer; **Eileen P. Hayes**, Councilor; **Robert A. Kuna**, Councilor; **Deborah A. Barsotti**, Councilor; and **John Cannon**, Student Councilor.

Michigan Chapter

The Michigan Regional Chapter of the Society of Toxicology (MISOT) held a joint meeting with the Midwest Teratology Association on April 30 and May 1, 1987, at the University of Michigan and Eastern Michigan University. The topic of the chapter's Annual Spring Scientific Meeting was "Male Reproductive Toxicology and Developmental Toxicology."

The Midwest Teratology Association portion of the program provided workshops on various aspects of teratology and reproduction testing, including developmental landmarks, fetal identification, visceral examination of rat and rabbit fetuses, and postnatal behavioral evaluation. This was followed by the MISOT portion of the program, which included a symposium with speakers **Michael Brabec** of Eastern Michigan University, **Peter Working** of CIIT, **Thomas Marks** of the Upjohn Company, Ms. Janet Markham of Lilly Research Laboratories and **Gary Kimmel** of the U.S. EPA. An open poster session followed the speakers. The meeting was attended by 143 individuals.

Chapter Officers for 1987-88 were announced and include: **Michael Brabec**, President; **K.S. Rao**, President-Elect; **Rudy Richardson**, Vice President; **Judith Henck**, Secretary-Treasurer; **Patricia Beattie**, Councilor; and **Walter Piper**, Councilor.

Executive Office News

New Administrative Assistant

SOT headquarters now has the benefit of a new staff assistant, Leslie Dissin, who works with Joan Walsh Cassidy and Fran Keithley on SOT activities. Leslie is a native of Washington, D.C., and has a bachelor's degree from the University of Maryland. She previously served as an administrator and meetings manager for the Council for Advancement and Support of Education, with prior experience with the Marriott and Holiday Inn hotel chains.

SOT support services will be divided between Leslie Dissin and Fran Keithley as follows:

Fran Keithley will handle the ongoing SOT systems, e.g., membership applications, dues processing, placement service, liaison with Academic Press regarding membership subscriptions, requests for mailing labels and requests for SOT publications and general information about the Society. Her hours are 9 a.m.-2 p.m., Monday-Thursday; and 9 a.m.-noon on Friday.

Leslie Dissin will handle the Annual Meeting abstracts and logistics; Council, Committee and Specialty Section activities; SOT accounts receivable and payable; the newsletter; and special projects. Leslie's hours are 9 a.m.-5 p.m., Monday-Friday.

FAX Machine

SOT headquarters has a facsimile machine available for communication with members. The telephone number is (202) 775-9631.

Tax Identification Number

Several members have inquired regarding the Society's tax identification number for processing membership and annual meeting checks. The number is 52-605-7050. The Society is an I.R.S. section 501(c)(3) organization.

Annual Reviews Available to SOT Members at Discount

Annual Reviews, Inc., a nonprofit publisher, will conduct a number of reviews in 1987, which are available to members of the Society of Toxicology at a 20 percent discount.

Reviews in 1987 include Anthropology, Astronomy and Astrophysics, Biochemistry, Biophysics and Biophysical Chemistry, Cell Biology, Computer Science, Earth and Planetary Sciences, Ecology and Systematics, Energy, Entomology, Fluid Mechanics, Genetics, Immunology, Material Sciences, Medicine, Microbiology, Neuroscience, Nuclear and Particle Science, Nutrition, Pharmacology and Toxicology, Physical Chemistry, Physiology, Phytopathology, Plant Physiology, Public Health, and Sociology.

A listing of the Annual Reviews is available from Annual Review, Inc., 4139 El Camino Way, P.O. Box 10139, Palo Alto, CA 94303-0897. To qualify for the 20 percent SOT discount, send your order with payment to the SOT headquarters.

Dr. Sullivan Wins Eastern Airlines Ticket

Tim Sullivan of the IMC Corporation won two tickets in the Eastern Airlines travel promotion for the Society of Toxicology's Annual Meeting in Washington, D.C. Dr. Sullivan's name was picked in a special drawing of everyone who used the SOT-Eastern Airlines air travel promotion.

Dr. Sullivan used the two tickets to fly from Illinois to Seattle, Wash., for a tour of the region. Congratulations! Watch for a similar offering for the Dallas meeting.

Nominations Requested for Kenneth Morgareidge Award

The International Life Sciences Institute (ILSI) is requesting nominations for its Annual Kenneth Morgareidge Award to acknowledge and promote excellence in the broad area of toxicology.

Nominees should have made outstanding research contributions to the science of toxicology, should be from academic, government or industrial institutions, and be 40 years old or younger as of Dec. 31, 1987.

For information, contact: Gretchen Bretsch, ILSI, 1126 16th St., NW, Washington, DC 20036; (202) 659-0074.

AAAS Calls for Nominations for Scientific Awards

The American Association for the Advancement of Science (AAAS) is calling for nominations for the 1988 Award for Scientific Freedom and Responsibility Award and a new award, the AAAS/Westinghouse Award for Public Understanding of Science and Technology.

The Award for Scientific Freedom and Responsibility is given annually to honor scientists and engineers whose exemplary actions have served to foster scientific freedom and responsibility. The \$1,000 prize recognizes scientists and engineers who have: acted to protect the public's health, safety or welfare; focused public attention on important potential impacts of science and technology on the society by responsible participation in public policy debates; or established new precedents in carrying out the social responsibilities or in defending the professional freedom of scientists and engineers.

The deadline for nominations for the award is Aug. 31, 1987. For information, contact: Scientific Freedom and Responsibility Award, AAAS, Suite 1101, 1333 H Street, NW, Washington, DC 20005; (202) 326-6600.

The \$2,500 Award for Public Understanding of Science and Technology will be presented to a working scientist or engineer who has made an outstanding contribution to public understanding and technology.

The deadline for nominations is Oct. 15, 1987. For more information, contact: Patricia S. Curlin, AAAS Committee on Public Understanding of Science and Technology, at the above address or telephone number.

In Memoriam

Leon Golberg

Dr. Leon Golberg, Past President of the Society of Toxicology and Founding President of the Chemical Industry Institute of Toxicology (CIIT), died May 2, 1987, after a long illness.

Dr. Golberg earned his advanced degrees in anatomy, physiology and medicine at Cambridge University. He spent 20 years in research and teaching in South Africa and England, then became Medical Research Director at Benger Laboratories Ltd. in Cheshire, England.

In 1961, Dr. Golberg was appointed first Director of the newly-founded British Industrial Biological Research Association. In 1967, he was appointed Scientific Director of the Institute of Comparative and Human Toxicology at Albany Medical College, prior to the founding of CIIT in 1976.

Dr. Golberg retired from CIIT as President in 1981 and became a professor in community and occupational medicine at Duke University Medical Center.

Memorial contributions may be made to the Leon Golberg Memorial Fund, P.O. Box 12137, Research Triangle Park, NC 27709.

John A. Zapp Jr.

The Society of Toxicology extends its condolences to the members of the family of Dr. John A. Zapp Jr., a Past President of the Society of Toxicology, who died recently of a heart attack at his home in Kennett Square, Pa.

Dr. Zapp, until his retirement in 1976, was Director of the E.I. du Pont Company's Haskell Laboratory for Toxicology and Industrial Medicine and later served as a consultant to the Mobil Oil Corp.

Dr. Zapp was also a Past President of the American Industrial Hygiene Association. He was a consultant to the Department of Environmental, Public and Occupational Health of the American Medical Association and was certified in the practice of toxicological aspects of industrial hygiene by the American Board of Industrial Hygiene. He also was a Fellow of the American Association for the Advancement of Science and the American Institute of Chemists.

University, Toxicological Center Liaison Launched

The National Center for Toxicological Research Associated Universities (NCTR-A.U.) was officially launched April 23, 1987, to foster scientific research between universities and the National Council for Toxicological Research (NCTR) at the Council's Triad Celebration of its 15th anniversary.

The initial members of NCTR-A.U. include a consortium of deans of Schools of Pharmacy from the University of Mississippi, University of Tennessee, University of Arkansas for Medical Sciences, University of Texas at Austin, University of Houston, Texas Southern University, University of Oklahoma, Southwestern Oklahoma State University, University of Missouri—Kansas City, St. Louis College of Pharmacy, Northeast Louisiana University and Xavier University of Louisiana.

Universities are invited to join NCTR-A.U. with dues of \$500 beginning Oct. 1, 1987. Following the initial year, the fee will be \$1,000 plus \$500 annual dues.

For information, contact: **Wallace L. Guess** at (601) 232-7265, or **Larry Milne** at (501) 661-5557.

Publications of Interest

Health Effects of Asbestos and of Other Minerals and Fibers, an annotated compilation of literature on asbestos—1906–1986, \$283.00 for three volume set, Chem-Orbital, P.O. Box 134, Park Forest, IL 60466.

Then and Now, Biomedical Science in 1887 and Today, Office of Research Reports, National Institute of General Medical Sciences, National Institutes of Health, Bethesda, MD 20205; (301) 496-7301.

Regulating Pesticides in Food, National Academy Press, 2101 Constitution Avenue, NW, Washington, DC 20418, Attn: Marketing Dept.; (202) 334-3318.

Inhalation Toxicology, edited by **Harry Salem**, \$79.75 (U.S. and Canada) and \$95.50 (all other countries), Marcel Dekker, Inc., 270 Madison Avenue, New York, NY 10016; (212) 696-9000.

Journal of Biochemical Toxicology, Paul Wehn, Director of Marketing, VCH Publishers, Inc., Suite 909, 220 East 23rd Street, New York, NY 10010-4606; (800) 422-8824, or in Florida (305) 428-5566.

Handbook of Carcinogens and Hazardous Substances, edited by Malcolm C. Bowman, \$99.50 (U.S. and Canada) and \$119.25 (all other countries), Marcel Dekker, Inc., 270 Madison Avenue, New York, NY 10016; (212) 696-9000.

Occupational Lung Diseases, edited by Hans Weill and Margaret Turner-Warwick, \$69.75 (U.S. and Canada) and \$83.50 (all other countries), Marcel Dekker, Inc., 270 Madison Avenue, New York, NY 10016; (212) 696-9000.

Microcomputer Applications in Occupational Health and Safety, Edited by the American Conference of Governmental Hygienists, Lewis Publishers, Inc., 121 South Main Street, P.O. Drawer 519, Chelsea, MI 48118; (313) 475-8619. \$39.95.

Dermatotoxicology, Third Edition, \$95.00, Hemisphere Publishing Corporation, 79 Madison Avenue, New York, NY 10016; (212) 725-1999.

Environmental Protection in the United States, clothbound \$22.50, paper \$14.50, plus \$1.50 for postage and handling, San Francisco Study Center, Suite 602, 1095 Market Street, San Francisco, CA 94103.

Environmental Periodicals Bibliography and Energy Review, combined subscription rate for 1987 is \$470, Environmental Studies Institute, International Academy at Santa Barbara, 2060 Alameda Padre Serra, Suites 105-106, Santa Barbara, CA 93103.

Mycotoxicology: Introduction to the Mycology, Plant Pathology, Chemistry, Toxicology, and Pathology of Naturally Occurring Mycotoxins in Animals and Man, \$34.50, The Pennsylvania State Press, 215 Wagner Building, University Park, PA 16802.

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

Drug Abuse Treatment, Client Characteristics, and Pretreatment Behaviors, 017-024-01310-2, U.S. Department of Health and Human Services, \$4.25.

Urine Testing for Drugs of Abuse, 017-024-01313-7, U.S. Department of Health and Human Services, \$3.75.

Neurobiology of Behavioral Control in Drug Abuse, 017-024-01314-5, U.S. Department of Health and Human Services, \$3.50.

Neuroscience Methods in Drug Abuse Research, 017-024-01260-2, U.S. Department of Health and Human Services, \$3.50.

Cocaine Use in America: Epidemiologic and Clinical Perspectives, 017-024-01258-1, U.S. Department of Health and Human Services, \$5.

Cocaine: Pharmacology, Effects, and Treatment of Abuse, 017-024-01214-9, U.S. Department of Health and Human Services, \$4.

New Developments in Technology—Ownership of Human Tissues and Cells, 052-003-01060-7, Office of Technology Assessment, \$7.50.

Family Life Skills—Training for Drug Abuse Prevention, 017-024-01210-6, U.S. Department of Health and Human Services, \$2.

Prevention Research: Detering Drug Abuse Among Children and Adolescents, 017-024-01263-7, U.S. Department of Health and Human Services, \$5.50.

Technologies To Maintain Biological Diversity, 052-003-01058-5, Office of Technology Assessment, \$15.

Biosafety in Microbiological and Biomedical Laboratories, 017-023-00167-1, U.S. Department of Health and Human Services, \$4.

Demographic Trends and the Scientific and Engineering Work Force, 052-070-06217-7, Committee on Science and Technology, U.S. House of Representatives, \$8.50.

Notes From Board of Publications

As noted in the March/April issue of the newsletter, the Finance Committee requested and received the approval of the Council to raise the manuscript handling fee for *Toxicology and Applied Pharmacology* and *Fundamentals of Applied Toxicology* to \$50, effective Sept. 1, 1987.

For indexing, titles will be used in the "Letters to the Editor" section of the journals. It would be helpful to include a short, descriptive title with such letters.

In the future, covers of the SOT members' issues of *FAAT* and *TAP* will be marked indicating the copies are for the members' personal use only.

The announcement in the September-October newsletter regarding the submission of a manuscript rejected by one of the two Society of Toxicology journals to the other Society journal may have been misinterpreted. While the Board asks that an author whose manuscript has been rejected to submit any revision to the same journal, submission to the other journal is not prohibited.

Gary P. Carlson, Chairperson
Board of Publications

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FDA wants to emphasize getting safe drugs to patients as quickly as possible. The agency believes that the IND rewrite will help drug sponsors bring products onto the market for less money than before, without sacrificing safety. FDA and the Department of Health and Human Services developed the IND Rewrite at the direction of the "Presidential Task Force on Regulatory Relief." The rewrite received a great deal of attention from Vice President Bush.

But not everyone is happy with the IND Rewrite. "These new regulations represent a gross decrease in the conditions necessary to distribute these drugs," said Sidney M. Wolfe, Director of the Public Citizen Health Research Group. He said that the treatment IND provision will be "an open invitation for companies to sell drugs that don't have good evidence of safety and efficacy. FDA wants to . . . let these new drugs out loose and jeopardize already sick people."

(adapted from Hazleton's
Regulatory, Industrial & Scientific News, May 1987)

Coming Events

Swainsonine and Related Glycosidase Inhibitors Symposium, Aug. 10-14, 1987, Utah State University, Logan, UT. Contact **Dr. Lynn F. James**, USDA Poisonous Plant Research Laboratory, 1150 East 1400 North, Logan, UT 84321; (801) 752-2941.

HAZTECH International Conference and Exhibit, on hazardous materials management, Aug. 26-28, 1987, St. Louis, MO. Contact HAZTECH International, 6143 South Willow Drive, Suite 100, Englewood, CA 80111; (303) 850-9119.

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 Street, Arlington, VA 22209; (703) 522-3032.

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, Ark. 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.

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 regulation of pesticides. It will feature speakers from government, industry and academia. For more information contact **Dr. James R. Beall**, President, Association of Government Toxicologists, P.O. Box 295, Germantown, MD 20545; (301) 353-4507.

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

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.

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, Ohio. Contact Debbie Ussery, 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; (301) 955-3343.

ISSX/SOT North American Symposium on Endogenous Factors in Toxicology, Nov. 8-13, 1987, Belleview Biltmore, Clearwater, Fla. Contact Nancy Holahan, ISSX, 8113 Coach Street, Potomac, MD 20854; (301) 983-0725.

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, Ph.D., Executive Director, Society of Toxicology of Canada, C.P./P.O. Box 517, Beaconsfield, Quebec H9W 5V1 Canada.

Fifth International Congress of Toxicology, July 16-21, 1989, Brighton, United Kingdom. Further information: IUTOX '89, Congress House, 65 West Drive, Sutton, Surrey SM27NB, UK.

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Lastly, special kudos to the SOT office staff for the highly professional way in which they have handled the activities of our Society. Joan Walsh Cassidy and her staff have done an extraordinary job managing this diverse group of individuals, all of whom want to play an active part in the conduct of our Society. Joan recognizes that Council encourages individual member participation and is developing an office staff and systems that will encourage input and participation by all interested members of the Society. The success of the Washington, D.C., meeting on the heels of our New Orleans success documents the professional competence of our central office. Superb support is provided Joan by Leslie Dissin who has recently joined our office. Leslie will provide support to Council and to committees and is patiently attempting to keep me organized. Special thanks for the efforts above and beyond the call of duty provided by Fran Keithley during Joan's absence from the office last year. Fran worked long and hard to ensure that all details for the preparations for the 1987 Meeting were well in hand. For this we all owe her a special debt of thanks.

To answer my own question above, Where are we going? We are going directly into the future. Eyes wide open with enthusiasm and confidence, one foot solidly based on our past and the other ready to move forward to the future.

We are looking forward to working with all of you this year. Let's hear from you.

Warm regards,



Watching Washington

Supreme Court Denies Animals Rights Group Appeal

The U.S. Supreme Court has refused to hear an appeal by animal rights groups seeking to gain custody of 15 non-human primates owned by the Institute for Behavioral Research.

The animals have been the subject of controversy since 1981, but the Supreme Court's refusal to hear the appeal lets stand a ruling by the U.S. Court of Appeals denying the groups standing in the case.

Such recognition, the appeals court said, "might open the use of animals in research to the hazards and vicissitudes of courtroom litigation (and) unleash a spate of private lawsuits that would impede advances by medical science in the alleviation of human suffering."

Activity Increases on Product Liability Reform

Rep. William E. Dannemeyer, in cooperation with several other congressmen, has prepared a discussion draft of H.R. 1115, the House legislation that seeks to make product liability laws uniform throughout the nation (*Society of Toxicology Newsletter*, March/April 1987).

The discussion draft is intended to provide guidance for amending the original bill to make it easier to pass the full House.

According to Rep. Dannemeyer, "The discussion draft makes technical and clarifying changes to H.R. 1115 to minimize the extent to which plaintiffs' and defendants' attorneys will argue over what product liability actions are covered by the Federal legislation and to what extent."

"These include," he noted, "making all reference to 'caused' consistent (rather than sometimes requiring 'proximate cause' and other 'caused by') . . . and making it clear that the bill establishes a Federal rule regarding actions for commercial loss."

State Activity

A bill introduced in the Florida Senate to prohibit the transfer of abandoned pound animals to any person for live animal experimentation, research or testing brings to 12 the number of states in which bills were introduced in the 1987 legislatures to restrict animal use for research.

The current status: proposals in Utah, West Virginia, Wyoming, Montana, Arkansas and New Mexico have been killed or died with adjournment; bills in Iowa, Oklahoma and Washington will be carried over to the 1988 session; and bills are still pending in Florida, New York and Minnesota.

In a related matter, a Maryland bill that would have prohibited the use of eye irritancy tests, including the Draize test, and acute toxicity tests of cosmetics and household products on live animals died upon adjournment.

USDA/APHIS Proposes Amendments to the Animal Welfare Act

The USDA/APHIS proposed amendments were first published in the March 31, 1987, issue of the *Federal Register*. The National Association for Biomedical Research (NABR) drafted and circulated a response to these charges and discussed the proposed rules at a meeting on May 12, attended by member representatives, including Marshall Steinberg and Joan Walsh Cassidy. Among the major areas of concern cited by NABR are:

- The new rules would interfere with and stifle research and innovation.
- Members indicate that the cost of implementing the rules as written may be excessive.
- Recordkeeping and reporting mandated for facilities, investigators and attending veterinarians go beyond requirements of the Animal Welfare Act and would be burdensome.
- Training requirements are unrealistic, and no protection is provided for trade secret or proprietary information.

As indicated by these concerns, these regulations will have a major effect on all research, education and testing involving laboratory animals.

IND Rewrite

In a controversial move that took almost four years to go from proposal to reality FDA rewrote the rules for approving Investigational New Drug Applications (INDs) on March 19, 1987. The changes will result in shorter waiting times for experimental drugs before they are allowed to go on the market.

Probably the most widely debated part of the IND Rewrite is the "treatment IND provision," a section that allows certain experimental drugs designed to treat fatal diseases to be distributed to patients outside of the clinical setting. FDA "reproposed" this rule in a section of the March 19, 1987, *Federal Register* separate from the rest of the IND rewrite. The agency noted, however, that it was doing so only as a *pro forma* way to provide for additional public comment.

The treatment IND provision allows an investigational drug to be used on patients before general marketing approval is obtained whenever four criteria are met: 1) the drug is intended to treat an "immediately life-threatening disease" (e.g., AIDS); 2) there is no alternative therapy; 3) the drug continues to be tested in controlled clinical conditions under an IND; and 4) the sponsor is trying to get approval of the drug "with due diligence." The treatment IND provision also sets "fast-track" criteria for drugs intended for serious, but not imminently fatal, diseases. At a news conference FDA Commissioner Frank Young said that the new, speeded-up process will cut two or three years from the period that had been required to approve drugs used to treat life-threatening illnesses.

Besides the treatment IND provision, the IND Rewrite allows drug sponsors greater freedom to proceed with the early stages (Phase I) of human research. Now, companies can modify study protocols during Phase I without first notifying FDA. The Rewrite also establishes a simplified format for IND submissions, changes the adverse-reaction reporting deadlines, allows FDA to put a "clinical hold" on studies it considers seriously defective and exempts certain studies from IND requirements, such as those on drugs whose safety is not in question.

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