

Society of Toxicology NEWSLETTER

MAY-JUNE 1986

Special Poster/Demonstration Session will be held at 1987 Annual Meeting

A special poster/demonstration session, entitled "Communicating Basic Concepts in Toxicology to Non-Scientists," will be held at the 1987 Annual Meeting of the Society of Toxicology. The objective of this 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 and secondary school students and teachers.

Members of the 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 25, "Communicating Concepts," on the abstract form. Authors of abstracts selected for presentation will be individually contacted prior to the SOT meeting to determine specific equipment requirements for the session, such as slide projectors, tables or A-V equipment.

The session will be formally scheduled as a regular half-day poster session, but will be located in a special area specifically designated for this session, so that displays can remain posted throughout the entire meeting, as desired by the presenter. Members may obtain further information on the session from Dr. **James Woods**, Chairman, SOT Committee on Public Communications, (206) 525-3130.

Nominations for Society of Toxicology Awards for 1987

The progress of toxicology has resulted in many worthy potential candidates for the various Society of Toxicology Awards. It may be, however, that some worthy candidates are not being nominated. 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. These forms are a convenience to be used by the membership for nomination of candidates, but direct letters of nomination with supporting material, as well as other appropriate nomination formats, may also be used. Each nomination must be sponsored and seconded by members of the Society of Toxicology. The quality of supporting documentation is critical when reviewing the nomination of each candidate. Please send all nominations and supporting documentation to the chairperson of the Awards Committee, Dr. **Emil Pfitzer**, Hoffmann-La Roche Inc., Toxicology & Pathology, Nutley, NJ 07110. The deadline for receipt of nominations for the 1987 Awards is November 1, 1986.

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 Ph.D. 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 November 1, 1986. Finalists will be invited to attend the Society of Toxicology Annual Meeting in Washington, D.C., February 24-27, 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 620
Washington, D.C. 20005

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 620, Washington, D.C. 20005.



President's Message

The first meeting of the 1986 SOT Council was held in Washington at the Washington Hilton Hotel (the site for our 1987 annual meeting) on May 6-7. Vice President Hook also held a Program Committee meeting and Dick Parent held a meeting of the Placement Committee on May 6. I am sure that I speak for all of us in thanking Dick Parent for his dedicated service as chairman of the Placement Committee. Carl Hake has agreed to serve as chairman of the Placement Service during the coming year and Michael Greenwood will serve as Vice Chairman. This committee will work closely with George Cosmides and his Information Handling Committee and with headquarters staff to utilize the data base systems at headquarters to support the expanded activities of this very important service to our members.

During the Council meeting, Treasurer Gary Lage reported on the current and projected financial condition of SOT. Our headquarters staff are implementing several changes in the reporting system for the expenditure of society funds, which should enable the treasurer to provide the membership with a more timely and informative recap of our current and projected expenses and income. During the coming year we will renegotiate our contracts with Academic Press, the Annual Meeting exhibit management group and our Executive Secretary's Office. Dr. Lage and the appropriate committees have already started on this process and we will be reporting to you as developments take place.

During the 25th annual business meeting at New Orleans, I told you about my plan to create a new SOT committee to consider some of the future needs of SOT. This committee has been established as the Long Range Planning Committee and will be chaired by Fred Oehme, who is a past-president of SOT. I am asking this committee to focus initially on three issues that will effect the future of SOT. The first is the question of whether SOT should plan to hold our annual meetings in convention centers rather than large hotels as we currently do. This would give us more flexibility in planning future meetings since the size of our annual meeting and exhibits exceeds the capacity of most hotels to handle us comfortably. This was discussed during the issues session at the New Orleans meeting. Most members there felt that SOT should not go to a spring and fall meeting to reduce the size of our annual meeting and the consensus was to seek other ways to accommodate our size problem, such as the use of a convention center. The other two issues have to do with our headquarters operation. In making the recommendation to move our headquarters to Washington, D.C., our previous headquarters committee suggested that SOT look at the risk/benefit ratio of developing a permanent National Headquarters through land purchase or leasing facilities. This committee also suggested that SOT review the functions of our headquarters operation and consider expanding the newsletter to include information on toxicology-related legislative and governmental activities, meetings and activities of other groups (FSAB, NAS, etc.) that might be of interest to our membership. It is likely that Council will add other long-term planning issues to the agenda of this committee.

The Council approved the committee appointments for 1986. Your officers and Council are very appreciative of the willingness of our membership to participate in the activities of our Society. Many of you have returned the postcard asking for suggestions to improve the function, image and other aspects of SOT and I am circulating these cards to Council and the appropriate committees. We need this two-way communication between an informed membership and a responsive Council to maintain the momentum established during the first 25 years of our Society. We invite you to continue to send us your ideas, gripes, and comments and to contact your SOT committees or their Council liaison if you have specific suggestions for their programs and activities.

Our meeting in New Orleans will long be remembered as a special event in the history of our Society. One special memory for me was to overhear one of our distinguished founders list for a new member six GLP's for SOT membership, which were:

- Read and adhere to our Code of Ethics
- If you have colleagues who are not members, encourage them to join our Society
- Publish in our journals
- Attend the annual meeting and the meetings of your regional chapter
- Become a participating member of a specialty section
- Share your toxicologic expertise with other members, scientists from all disciplines, lay groups, high school and college students and the media.

It sounded like pretty good advice for all SOT members.

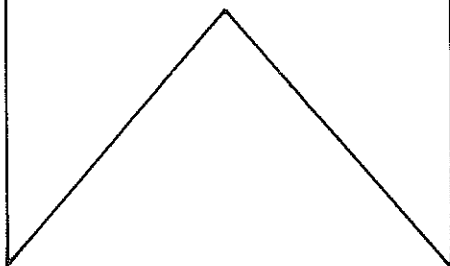
MARK YOUR CALENDAR!

1987 SOT ANNUAL MEETING

February 24-27, 1987
Washington Hilton Hotel
Washington, D.C.

**Deadline for next
issue: July 30, 1986**

Society of Toxicology
1133 Fifteenth Street, N.W.
Suite 620
Washington, D.C. 20005
(202) 293-5935
Telex: 292046 IMGUR



First Congress of Toxicology in Developing Countries

Toxicologists from developed countries are invited to help the development of the First Congress of Toxicology in Developing Countries, which will be held November 16-21, 1987, in Buenos Aires, Argentina. The Congress is organized by the Toxicology Research Center, CITEFA-CONICET, Argentina, under the auspices of IUTOX.

The aims of the Congress are to promote exchange among toxicologists from developing and developed countries; to consider toxicological problems in developing countries and their possible solutions; to analyze toxicological education, information and legislation and ways to improve them; and to encourage cooperation among toxicology laboratories of different countries.

Toxicologists are sought to give lectures or courses. The organizing committee cannot provide travel or living expenses.

For further information, contact: Dr. Jose Alberto Castro, CEI-TOX, Zufraitegui 4380, 1603 Villa Martelli, Pcia de Buenos Aires, Argentina.

Special EST Prize

In 1984 EST announced a special EST prize to be awarded for an outstanding paper describing a new toxicity test using fewer animals than conventional approaches. The prize has now been awarded to Dr. G. Oliver and Mr. M. Pemberton for the *in vitro* identification of chemicals with the potential to cause severe cutaneous effects.

The two scientists work at ICI in Alderley Park, Macclesfield, Cheshire, U.K. They describe an *in vitro* technique using skin slices for the prediction of corrosive effects of chemicals. A high number of compounds has been tested with the system. The prize of SFr. 5000. was awarded officially and the paper was presented at the EST Congress in Harrogate in May 1986.

1986 Doerenkamp-Zbinden Awards

The Hildegard Doerenkamp and Gerhard Zbinden Foundation for Realistic Animal Protection in Scientific Research will award two prizes of DM 50,000 (approximately U.S. \$22,000) each for outstanding scientific contributions leading to the replacement of whole animals in research and teaching.

One award will be made for replacement of dogs and cats in biomedicine. Applications for this award should be sent to Dr. Diether Neubert, Institut für Toxikologie, Freie Universität Berlin, Garystr. 5, D-1000 Berlin 33, Federal Republic of Germany.

The other award will be made for development of alternatives to whole animals in studies of antitumor and anti-infective chemotherapy. Applications for this award should be sent to Dr. Alan M. Goldberg, Center for Alternatives to Animal Testing, Johns Hopkins School of Public Health, 615 North Wolfe Street, Baltimore, Md. 21205.

Applications may consist of illustrations, audiovisual presentations, published or unpublished reports and other materials. There are no formal application forms. More than one prize may be awarded in the same area. The deadline for submissions is December 31.

1987 Kenneth Morgareidge Award To Recognize Research in Inhalation Toxicology

The International Life Sciences Institute is seeking nominees for the 1987 Kenneth Morgareidge Award, which will specifically recognize a scientist working in the area of inhalation toxicology.

The award, designed to acknowledge and promote excellence in the broad area of toxicology, will be presented at the Institute's 1987 international symposium on inhalation toxicology, "The Design and Interpretation of Inhalation Studies and Their Use in Risk Assessment."

It is expected that nominees will have made "outstanding research contributions to the science of inhalation toxicology" and may include contributions to the basic biology of the respiratory tract and how it responds to inhaled agents; the fate of inhaled materials in the respiratory tract and body; the toxicity of specific inhaled materials in laboratory animals and man; the integration of toxicity data from multiple sources to establish human health risk; the design and operation of exposure systems; and the characterization of airborne materials.

Candidates must be under 45 years of age as of December 1986 and may be from academic, government, or industrial institutions.

Applications must be submitted by November 26, 1986, and further information may be obtained from Elaine Auld, International Life Sciences Institute, Suite 111, 1126 16th Street, N.W., Washington, D.C. 20036, (202) 659-0074 or (202) 872-0778.

ATTENTION GRADUATE STUDENT MEMBERS OF THE SOCIETY OF TOXICOLOGY

Annual Meeting

Washington, D.C.
February 24-27, 1987

Graduate Student Member Travel Awards

Student member travel awards are allotted by the Society of Toxicology to help defray travel expenses for graduate student members attending the annual SOT meeting. Support is intended for student members or applicants for student membership who are attending the meeting to present a paper or poster and who do not have travel funds available from grants, fellowships, projects, or contracts. The applications will be reviewed and must be received by November 1, 1986. Awardees will be notified by January 15, 1987. An application form for the Student Member Travel Award is included in this newsletter. Additional forms may be obtained from the SOT Executive Secretary's office.

Publications of Interest

International Dictionary of Medicine and Biology, 81 editors with responsibility for major subject areas, including Dr. **Harry W. Hays**, founder and historian of the Society of Toxicology, as editor for toxicology, 3,300 pages, \$395, John Wiley & Sons, Inc., 605 Third Avenue, New York, New York 10158, telephone (212) 850-6000.

Acid Deposition: Long Term Trends, by Committee on Monitoring and Assessment of Trends in Acid Depositions, National Research Council, 506 pages, National Academic Press, 2101 Constitution Avenue, N.W., Washington, D.C. 20418, Attention: Marketing Department, (202) 334-3318, \$24.50-United States, Canada, Mexico; \$29.50-elsewhere.

1986 Suspect Chemicals Sourcebook, coverage of 30 Federal regulatory and advisory sources, print version, 500 pages, \$135.00 plus \$5.00 shipping charges; magnetic tape/disk version, \$795.00 (including shipping), Roytech Publications, Inc., 1499 Old Bayshore Highway, Burlingame, California 94010, (415) 697-0541.

New Developments in Medicine, quarterly journal on new medical technologies and procedures, \$150.00 per year, Matthew Bender and Company, 1275 Broadway, Albany, New York 12201, telephone (518) 462-3331, contact-Nancy Larabee.

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

Drugs of Abuse, U.S. Department of Justice, 62 pages, 027-004-00037-7, \$3.25.

Space Physiology and Medicine, by Arnauld E. Nicogossian, M.D., James F. Parker, Jr., Ph.D., National Aeronautical and Space Administration, 324 pages, 033-000-00864-3, \$15.00.

Superfund Strategy, Office of Technology Assessment, 292 pages, 052-003-00994-3, \$10.00.

The Regulatory Environment for Science, Office of Technology Assessment, 156 pages, 052-003-01014-1, \$6.00.

Public Involvement Techniques: A Reader of Ten Years Experience at the Institute for Water Resources, United States Army Corps of Engineers, 504 pages, 008-022-00228-6, \$17.00.

Reproductive Health Hazards in the Workplace, Office of Technology Assessment, 436 pages, 052-003-01001-1, \$15.00 pages.

Journals Offered to Non-Profit Organization

Dr. **Frederick Sperling** is offering his substantial collection of professional journals to a non-profit organization to which it can be of use. His collection includes the Society of Toxicology's journals as well as *Clinical Pharmacology and Therapeutics* and *Laboratory Animal Science*. Organizations interested in acquiring this collection should contact Dr. Sperling, 1110 Fidler Lane, Silver Spring, MD 20910, (301) 585-7826.

Call for Papers

Toxicology Conference

Northrop Services, Inc. has called for abstracts for poster presentations for the 16th Conference on Toxicology sponsored by the Air Force Armstrong Aerospace Medical Research Laboratory/Toxic Hazards Division and the Naval Medical Research Institute/Toxicology Detachment, Wright-Patterson Air Force Base, October 28-30, 1986, in Dayton, Ohio.

The conference will feature speakers and poster presentations on predicting health effects from groundwater pollutants, applications of predictive toxicology for occupational exposures, toxicity of thermal degradation products, inhalation chamber design and exposure techniques, and frontiers in predictive toxicology.

Abstracts must be received by August 1, 1986. For information or to request an invitation to the conference, contact Linda Cooper, Conference Coordinator, Northrop Service, Inc., P.O. Box 12313, Research Triangle Park, North Carolina 22709, (919) 549-0652.

Health Implications of Environmental Chemicals

The Society of Ecotoxicology and Environmental Safety is calling for abstracts for papers to be presented at its symposium on "Health Implications of Environmental Chemicals" at its annual meeting, November 12-14, 1986, in Rome.

The meeting will cover all topics related to ecotoxicology and environmental safety and is open to contributions on strategies for predicting and assessing exposure to and/or potential effects of chemicals, monitoring for early recognition of exposure to hazardous chemicals, diagnosis of environment dependent or enhanced disorders, epidemiology of environmental chemicals, and risk management and control.

The deadline for abstracts is July 31, 1986. Four copies of abstracts (200-300 words) should be submitted to the Secretariat for Cultural Affairs, Istituto Superiore di Sanita, Viale Regina Elena, 299, 00161 Rome, Italy, telephone (06) 4990.

For information, contact Dr. **Frederick Coulston**, White Sands Research Center, Albany, New York, 12208 or Professor Francesco Pocchiara, Director of the Istituto Superiore di Sanita, at the above address.

Member News

Professor **Toshio Narahashi** of the Northwestern University Medical School has received a Javits Neuroscience Investigator Award of \$1,396,651 for neuroscience research.

The award will enable Professor Narahashi, Chairman of the Department of Pharmacology and Alfred N. Richards, Professor of Pharmacology, to investigate the mechanism of action by environmentally important insecticides on the nerve membrane.

The award from the National Institute of Neurological and Communicative Disorders and Stroke honors the late Senator Jacob K. Javits of New York.

Coming Events

"Toxicology of Pesticides: Experimental, Clinical, and Regulatory Perspectives," School of Public Health and Community Medicine, Department of Environmental Health, University of Washington, cosponsored by SOT and others, October 5-15, 1986, Limone del Garda, Italy. Contact: Dr. Lucio G. Costa, School of Public Health and Community Medicine, University of Washington, Seattle, Washington 98195.

"Fifth World Congress on Medical Informatics," October 26-30, 1986, Sheraton Washington Hotel, Washington, D.C. Contact: MEDINFO 86 Secretariat—Office of CME, George Washington University, 2300 K Street, N.W., Washington, D.C. 20037, (202) 676-8929.

"The 31st Oholo International Conference on Model Systems in Neurotoxicology-Alternative Approaches to Animal Testing," the Israel Institute for Biological Research, November 3-7, 1986, Tiberias, Israel. Contact: Secretariat: Oholo Conference, P.O. Box 19, Ness-Ziona, 70450, Israel.

"The Design and Interpretation of Inhalation Studies and Their Use in Risk Assessment," International Life Sciences Institute (ILSI), March 23-27, 1987, Hanover, Germany. Contact: Sharon Senzik, ILSI Administrator, 1126 Sixteen Street, N.W., Washington, D.C. 20036, (202) 659-0074.

"International Congress on Attitudes to Toxicology in the European Economic Community," December 5-8, 1986, University of LaLaguna, Tenerife, Canary Islands. Sponsored by the European Society of Toxicology. Contact: Robert P. Manson, Congress Secretariat, 44 Northumberland Road, Dublin 4, Ireland.

ASPET-SOT Meeting

The joint ASPET-SOT meeting will be held August 17 through August 21, 1986, in Baltimore, Maryland. Registration and scientific sessions will be located in the Baltimore Convention Center.

Graduate Student Convocation

Sunday, August 17, 1986
 CONCEPTS IN REPRODUCTIVE BIOLOGY
 M.J. Vodcnik, Chairman

- I. Teratogenesis—patterns of dose-response in developmental toxicology. J. Manson
- II. Placental/fetal metabolism and bioactivation. A. Levin.
- III. Effects of reproductive state on pharmacokinetics. H. Szeto.
- IV. Factors determining placental breast milk transfer of drugs/xenobiotics. D. Barsotti.
- V. New directions in male reproductive toxicology—from Sertoli cell to sperm. R. Chapin.

Symposia

Quantification/assessment of mutagens and carcinogens in man. F.J. Koschier.

Recent developments concerning the mechanisms of action of phen-cyclidine. M.P. Blaustein.

Aromatase inhibitors and their pharmacologic applications. A. Brodie.

GABA-operated and voltage-dependent chloride channels as targets for drugs and toxicants. A.T. Eldefrawi.

Functions and regulations of muscarinic acetylcholine receptor. E.E. El-Fakahany.

Recent advances in research on cigarette-smoking behavior. S.R. Goldberg.

Drug-self administration: animal and human models. N. Khazan.
 Progress in understanding the relationship between the adenosine receptor system and actions of methylanthines. J.M. Carney and S. Goldberg.

Organophosphates and non-cholinergic systems. I.K. Ho.

Conjugation-deconjugation reactions in drug metabolism toxicity. F.C. Kauffman.

Recent advances in peptide leukotriene receptors and antagonists. R.D. Krell.

Mapping techniques to localize cerebral drug action. E.D. London.

New approaches to understanding and controlling cardiac arrhythmias. J.J. McArdle.

Channel proteins of excitable cells in native and reconstituted membranes: The single channel assay in molecular pharmacology. B. Krueger.

Non-genotoxic carcinogens: Extent of carcinogenic hazard. M.A. Pereira.

Adrenergic mechanisms in neuronal plasticity. J.M. Sarvey.

Regulation of opioid peptide biosynthesis. S.H. Snyder.

Does vasopressin and its analogs enhance cognitive function through selective action in the central nervous system. S.B. Sparber.

The radial maze in behavioral pharmacology and toxicology. J.C. Winter.

Mechanisms of action of toxic and pharmacologically active natural products. F.P. Guengerich and T.N. Harris.

Contemporary approaches to ion channel pharmacology. T. Narahashi.

Toxicological evaluation of polymeric materials. D. Hughes

Molecular insights of the mechanism of action of convulsant and anticonvulsant drugs. M.K. Ticku.

Vistas in Pharmacology

PHARMACOLOGICAL ASPECTS OF GENE EXPRESSION

Organized by Paul Talalay, Johns Hopkins Univ.
 James P. Whitlock Jr., Stanford Univ.

1. Induction of Drug-Metabolizing Enzymes (Paul Talalay, Chairman)
 - A. J.P. Whitlock, Jr.—Regulation of cytochrome—P-450 gene expression.
 - B. M.R. Waterman—ACTH-mediated regulation of P-450 gene expression: Normal and abnormal steroidogenesis
 - C. C.B. Pickett—Regulation of phase II enzyme induction
2. Signal Transduction and Gene Action (A.H. Conney, Chairman)
 - A. M. Karin, Environmental and hormonal control of metallothionein in gene expression.
 - B. S. Aaronson—Transforming genes of retroviruses.
 - C. G.M. Ringold—Hormonal control of the differentiated state.
3. Future Prospects: Molecular Biology and Pharmacology (J.P. Whitlock, Jr., Chairman)
 - A. M.B. Sporn—Growth factors, retinoids and carcinogenesis.
 - B. G.K. Schoolnik—Molecular biology of vaccine development.
 - C. A.H. Conney—Cytochrome P-450 gene expression—Implications for pharmacology and toxicology.

Plenary Lectures

Bernard B. Brodie Award Lecture

Otto Kraymer Award Lecture

Torald Sollmann Award Oration

The local Baltimore Committee has scheduled a mixer open to all registrants, Sunday, August 17. An optional "Evening at the National Aquarium" is planned for Wednesday, August 20. A program for Social Registrants is offered.

Join ASPET and SOT in Baltimore in August for an exciting scientific meeting.

Watching Washington

69 Research Organizations File Joint Brief in Animal Protection Case

Sixty-nine research related organizations, including the National Association for Biomedical Research, have filed a friend of the court brief with the U.S. Court of Appeals charging that an animal protection case now before the court jeopardizes continued progress in scientific research.

The case involves 15 primates that were seized from a researcher for the Institute for Behavioral Research (IBR) by animal welfare groups but were ordered returned to the National Institutes of Health in the U.S. Court for the District of Maryland on April 9, 1985, and the case against the IBR and NIH was dismissed.

The case was appealed by the animal welfare groups seeking to prevent the NIH from returning the primates to their legal owners and to appoint the welfare groups as guardians.

The friend of the court brief was filed April 25, 1986, charging that the animal welfare groups' requests would set a precedent granting legal standing to non-owners of laboratory animals and would circumvent existing Federal mandates that already provide sufficient safeguards to ensure humane animal treatment.

The brief also notes that the use of animals in biomedical and behavioral research has resulted in significant advances to human and animal welfare and is essential to continued progress in the prevention, treatment, and cure of diseases and afflictions.

Charging that the true objective of the suit is to stop all research involving the use of animals, the brief said that, if the standing is granted, other organizations will be encouraged to file numerous additional suits, which will delay, stop, and/or otherwise interfere with life saving research and thereby endanger countless human and animal lives.

In a related matter, Congressman Charlie Rose (D.-N.C.) has introduced legislation (H.R. 4535) that would allow anyone to bring a civil suit against the Federal Government on his own behalf or that of any animal to compel enforcement of the Animal Welfare Act (the Act currently does not provide for citizen suits).

In additional news on animal welfare, with the Administration proposing total elimination of funds for the animal welfare inspection program, approximately 100 animal protection groups and academic and professional organizations from the scientific community have joined together in support of sufficient appropriations for effective enforcement of the Animal Welfare Act.

The groups have written a joint letter to the Senate and House Agriculture Appropriations Subcommittees urging Congress to appropriate \$6,648,850 for the Department of Agriculture's Animal and Plant Health Inspection Service animal welfare program for fiscal year 1987.

EPA Plans Hearing on Asbestos Ban Proposal in July

The Environmental Protection Agency (EPA) will hold hearings in Washington, D.C., beginning about July 14, 1986, on its proposed rule to ban certain asbestos products and phase out other such products. For further information, contact Edward A. Klein, Director, TSCA Assistance Office (TS-799), Office of Toxic Substances, Environmental Protection Agency, Room E-201, 401 M Street, S.W., Washington, D.C. 20460, (800) 424-9065; Washington, D.C., area, 554-1404.

USDA Drafting Proposed Regulations Laboratory Animals Act Standards

The U.S. Department of Agriculture is drafting proposed standards and regulations for the Improved Standards for Laboratory Standards Act following receipt of comments from interested parties.

The new law requires the USDA Secretary to devise standards in certain areas not originally covered by the Animal Welfare Act. The Department solicited comments in the following areas:

- exercise of dogs by dealers, researchers, and exhibitors;
- psychological well-being of primates held by dealers, researchers, and exhibitors;
- listings of painful procedures on research animals which require anesthetics, analgesics, and/or tranquilizers; and
- listings of major operative experiments from which an animal is allowed to recover and which should prohibit the same animal from being used again in a similar operation.

NRC Establishes Environmental Studies and Toxicology Group

The National Research Council (NRC) has established the Board on Environmental Studies and Toxicology to direct all studies previously under the management of the Environmental Studies Board and the Board on Toxicology and Environmental Health Hazards.

The Board, chaired by Donald F. Hornig, Alfred North Whitefield Professor of Chemistry and Director of the Interdisciplinary Program in Health at Harvard University, will carry out studies on pollution sources, pathways of exposure, health effects, and control substances with emphasis on integrated studies that analyze the full range of effects from environmental problems.