

# SOCIETY of TOXICOLOGY NEWSLETTER

475 WOLF LEDGES PARKWAY, AKRON, OHIO 44311 (216) 762-2289

APRIL / MAY, 1981

Edited by Robert S. Lee

## Where is My FAAT?

In starting any new professional journal, there usually are some unanticipated problems. The start-up of Fundamental and Applied Toxicology is no exception. It was hoped that the first of the six 1981 issues would be in the mail in February; however, this has not occurred and the first issue will probably not be mailed before late May or early June.

The reason for the delay is because of the time involved in refereeing submitted manuscripts. We want to be sure that the expected scientific quality of FAAT will occur and Council as well as the editors insist that an adequate number of scientific manuscripts be cleared for publication in two successive issues prior to the release of the first issue.

## Burroughs Wellcome Scholar and Toxicology Award

First recipient of the Burroughs Wellcome Scholar and Toxicology Award, to aid the development of toxicology and administered by the Society of Toxicology, is Dr. Alan P. Poland of the University of Wisconsin.

The \$105,000.00 award, payable over a three year period, is funded by the Burroughs Wellcome Fund and offered competitively to U.S. institutions engaged in research and teaching in the health sciences. The award is intended to support a faculty member to develop and strengthen the institution's toxicology program to pursue innovative research in toxicology.

Alan P. Poland, M.D., is Associate Professor of Oncology at the McArdle Laboratory for Cancer Research, University of Wisconsin, Madison, WI. He is a member of the Society of Toxicology.

An internationally recognized scientist in the area of mechanisms of action of non-reactive toxic chemicals, such as 2,3,7,8-tetrachloro-p-dioxin (TCDD), he was first to demonstrate the occurrence of a cellular receptor for this agent, which binds non-covalently to TCDD. Dr. Poland will be engaged in both teaching and research in the Department of Oncology, Environmental Toxicology Program, Department of Pharmacology (Medical School) and the School of Pharmacy.

## Procter & Gamble Awardee Announced

The Education Committee of the Society of Toxicology and the Procter & Gamble Company announced that Cheng Wang, of the University of Texas Medical School at Houston, is the 1981 recipient of the Society of Toxicology Research Fellowship Award, sponsored by the Procter & Gamble Company. This award is offered by competition to an outstanding predoctoral student for support of his/her studies.

The award is for \$6,000.00 for a full calendar year. In addition, travel expenses up to \$750.00 to attend the annual meeting of the Society of Toxicology are provided. Full tuition is paid to the awardee's institution on his/her behalf.

The fellowship provides for a one year of graduate study in research in Toxicology. Because the purpose of the fellowship is to provide an opportunity for research, the holder will not engage in outside work for added compensation. Publication of an abstract and presentation of research results at an annual Society of Toxicology meeting will constitute the final report to the Society of Toxicology Education Committee.

## Election Results

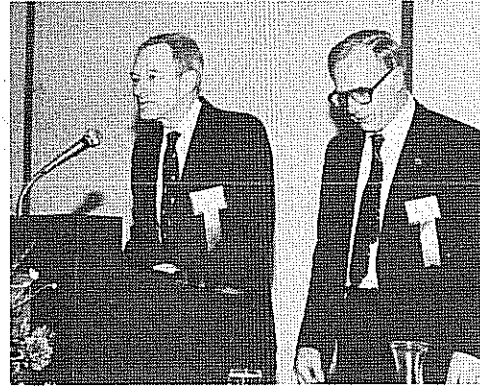
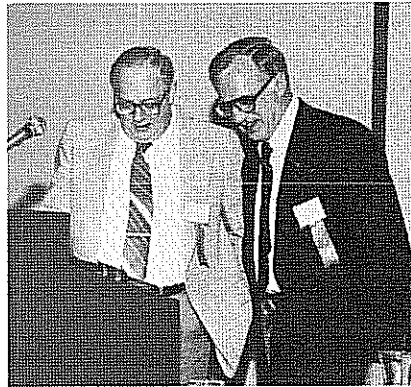
The following were elected by the membership as officers, counselors and members of committees. These results were announced at the annual business meeting.

Vice President	Robert L. Dixon, Ph.D., Laboratory of Environmental Toxicology, National Institute for Environmental Health Science, Research Triangle Park, NC
Vice-President Elect	Gabriel L. Plaa, Ph.D., University of Montreal, Department of Pharmacology, Montreal, Canada
Secretary	J. Wesley Clayton, Jr., Ph.D., University of Arizona, Tucson, AZ
Treasurer	Richard S. Waritz, Ph.D., Hercules, Inc., Wilmington, DE
Education Committee	Anne P. Autor, Ph.D., Department of Toxicology Center, University of Iowa, Iowa City, IA A. Wallace Hayes, Ph.D., Rohm and Haas Company, Springhouse, PA
Finance Committee	Robert T. Drew, Ph.D., Medical Department, Brookhaven National Laboratory, Upton, NY John F. Griffith, Ph.D., Procter & Gamble Company, Cincinnati, OH
Membership Committee	Marion W. Anders, D.V.M., Ph.D., University of Minnesota, Department of Pharmacology, Minneapolis, MN Curtis D. Klaassen, Ph.D., Department of Pharmacology & Toxicology, University of Kansas Medical Center, Kansas City, KS

## Mid-Atlantic Chapter of SOT

Dr. Gary L. Lage, Professor of Toxicology and Director of Toxicology Programs at the Philadelphia College of Pharmacy and Science, has been elected President of the newly-formed Mid-Atlantic Chapter of the Society of Toxicology.

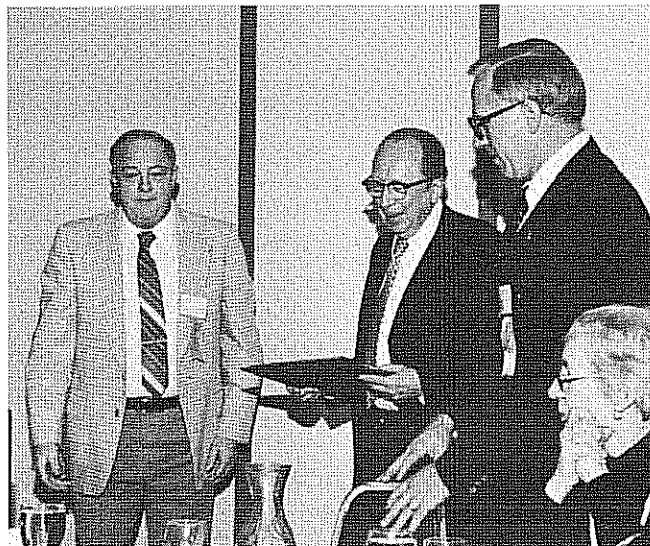
Other newly-elected officers and counselors of the chapter are Dr. Robert Snyder, Professor, Department of Pharmacology, Thomas Jefferson University Medical College, Vice President; Dr. A. Wallace Hayes, Director of Toxicology Research, Rohm and Haas Company, Vice President-elect; Dr. Marvin A. Friedman, Director of Corporate Toxicology, American Cyanamid Company, Secretary-Treasurer; Dr. Michael A. Gallo, Associate Professor of Environmental and Community Medicine, Rutgers University Medical School, New Brunswick, NJ, Dr. Rudolph J. Jaeger, Associate Professor of Environmental Medicine, New York University Medical Center, New York, NY, and Dr. Jerry M. Smith, Director of Toxicology, Rohm and Haas Company, Springhouse, PA, Councilors.



President Gehring presents plaques to Counselor Margaret Hitchcock (left), Counselor William Carlton (center) and Treasurer Harold MacFarland (right).



The Merit Award Plaque is presented to Dr. John J. Weisburger by President Gehring.



As President Gehring looks on, Counselor William Carlton presents the Education Award to Dr. Fred Sperling.

### Successful 1981 Annual Conference

A total of 1965 attendees crowded the Town and Country Hotel the week of March 1, for the 20th annual conference of SOT.

More than 585 individual presentations were made in either platform, poster or symposia sessions.

Over 70 exhibits of products and services of interest to toxicologists were available for inspection.

The regional chapter was formed to serve as a focal point for the increasing interest in toxicology throughout the mid-Atlantic area. The chapter membership, which numbers approximately 250 individuals, brings together toxicologists primarily from industrial organizations and academic institutions. The chapter will meet three times a year and will sponsor scientific and educational programs in toxicology.

At the inaugural meeting in Philadelphia, the first annual "Ambassador of Toxicology Award" was presented to Dr. Leon Golberg, in honor of his outstanding contribution to the international recognition of the science of toxicology. Dr. Golberg recently retired as president of the Chemical Industry Institute of Toxicology.

### Members in the News

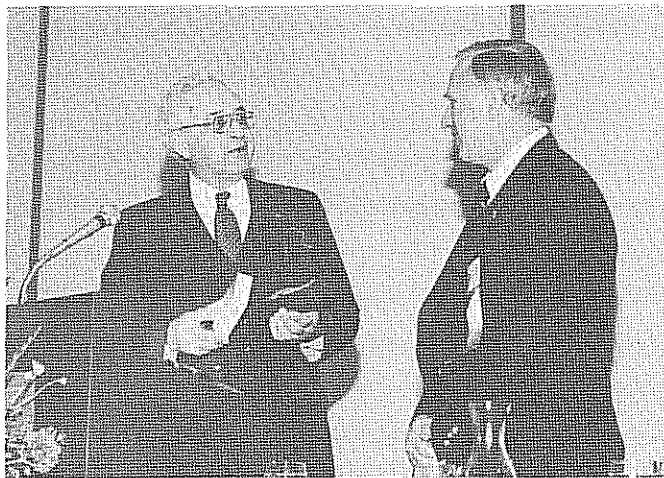
The newly elected officers of the Chemical Industry Institute of Toxicology include Dr. Robert A. Neal, President, and Dr. James E. Gibson, Vice-President

and Director of Research. Dr. Neal replaced Dr. Leon Golberg, founding president, who announced his retirement from the position last year. Dr. Golberg continues as a consultant to the Institute. Dr. Jerry M. Smith, Director of Toxicology, Rohm & Haas Co., was elected a director.

SOT President Perry J. Gehring has been appointed to the newly created position of Research and Development Vice-President for Agricultural Chemicals, The Dow Chemical Company.

### Full "Partnership" for Sound Health Laws Urged

A chemical company president, speaking at the annual meeting of the Chemical Industry Institute of Toxicology on March 11, urged leaders in industry, government, labor, public interest groups, and the scientific community "to fashion a partnership without precedent" in developing sound laws and regulations to protect the public health.



President-elect Robert Forney presents the gavel momento to President Gehring.



Officers of the new Mid-Atlantic Chapter of the Society of Toxicology present the "Ambassador of Toxicology Award" to Dr. Leon Golberg. As shown (from left to right) are Dr. Robert Snyder, Vice-President of the Chapter; Dr. Gary L. Lage, Mid-Atlantic President; Dr. Leon Golberg and Mrs. Golberg.



Dr. Gabriel L. Plaa receives the Arnold Lehman Award from Past President Tom S. Miya.



Christine Dixon acknowledges receipt of the Frank R. Blood Award from Counselor Margaret Hitchcock. Dr. Yves Alarie, who also received the Award, shows President Gehring the Awards of the other two recipients, Meryl H. Karol and Martin Brady.

As an added feature, a special symposium on "Prophylaxis and Treatment of Organophosphate Poisoning", organized by Dr. Robert B. Forney, was held Thursday evening and Friday. Attendance was over 200.

### Distinguished Awards Presented at 1981 Conference

A number of members were recognized for service and achievement during the past year.

Edwin C. Holmer, president of Exxon Chemical Company, challenged fellow chemical industry leaders to accept the task of comprehensive risk management which "involves accepting cradle-to-grave stewardship responsibility for the materials we manufacture . . . This concept goes beyond a simple statement of environmental policy. It involves aggressively seeking out risks."

He concluded with the observation that CIIT "holds a bright promise for the future," but cautioned that the Institute could not shoulder the whole task.

The Chemical Industry Institute of Toxicology is an independent, not-for-profit organization dedicated to the scientific, objective study of toxicological problems involved in the manufacture, handling, use, and disposal of commodity chemicals. It is financed by 36 major chemical companies.

### BIOSIS Indexes 5 000 000th Citation

BioSciences Information Service, the publisher of *Biological Abstracts*, *Biological Abstracts/RRM* (Reports, Reviews Meetings) and the computersearch-

able form of the data base, *BIOSIS Previews*, has announced the indexing of its 5 000 000 life science research article since its incorporation in 1926.

In 1961, BIOSIS published its millionth abstract; reflecting the explosive growth of the life science literature, the 2 000 000 mark was reached in 1968. By the end of 1972, the 3 000 000th citation had been added to the data base, and in 1976, the golden anniversary of BIOSIS, the 4 000 000 milestone was reached.

### Seminar on Environmental Toxicity

On May 29-30, 1981, a two-day seminar entitled "Environmental Toxicity: An Industrial Perspective" will be held in Milwaukee, WI. The seminar is sponsored by the School of Allied Health Professions, the University of Wisconsin-Milwaukee and the University of Wisconsin-Extension Health and Human Services Area Allied Health Program Unit. Because of universal health concerns, the national media exposure and the potential government controls relating to these sub-

**coming events . . .**

**may 4-7 . . .**

Four-day 27th Annual Technical Meeting of the Instituté of Environmental Sciences. Theme is "Emerging Environmental Solutions for the Eighties", focusing on emerging environmental energy, effectiveness, economics and engineering solutions. Main topics will include environmental stress impact on hardware life cycle, environmental engineering methods and technology, environmental management and planning, and contamination control in industry and bioscience. Los Angeles, CA. Contact B. Peterson, Executive Director, Institute of Environmental Sciences, 940 East Northwest Highway, Mt. Prospect, IL 60056 (312) 255-1561. No fee stated.

**may 11-12 . . .**

Two-day seminar on management and disposal of hazardous and chemical wastes. Course objective is to provide attendees with the information needed to become self-sufficient, in light of the passage of the Research Conservation and Recovery Act (RCRA). Both legal and practical aspects of chemical waste disposal are covered. Atlanta, GA. Contact A. Logan, J.T. Baker Chemical Co., Phillipsburg, NJ 08865 (201) 454-2500. Fee \$345.

**may 13-14 . . .**

Two-day 12th Scientific Conference of the Israel Ecological Society. Program will include environmental protection, water and air pollution control, environmental health and toxicology, plus a number of topics on the environment and ecology. Jerusalem, Israel. Contact Prof. H. Shuval, Chairman, Israel Ecological Society, Hebrew University - Hadassah Medical School, Environmental Health Laboratory, P.O. Box 1172, Jerusalem, Israel. No fee announced.

**may 14-15 . . .**

Two-day seminar on management and disposal of hazardous and chemical wastes. Course objective is to provide attendees with the information needed to become self-sufficient, in light of the passage of the Research Conservation and Recovery Act (RCRA). Both legal and practical aspects of chemical waste disposal are covered. Charlotte, NC. Contact A. Logan, J.T. Baker Chemical Co., Phillipsburg, NJ 08865 (201) 454-2500. Fee \$345.

**may 18-19 . . .**

Two-day seminar on management and disposal of hazardous and chemical wastes. Course objective is to provide attendees with the information needed to become self-sufficient, in light of the passage of the Research Conservation and Recovery Act (RCRA). Both legal and practical aspects of chemical waste disposal are covered. Boston, MA. Contact A. Logan, J.T. Baker Chemical Co., Phillipsburg, NJ 08865 (201) 454-2500. Fee \$345.

**may 18-22 . . .**

Five-day course for present and prospective users of radioisotopes. Presented by the Nuclear Engineering Department of North Carolina State University. Course objective is to provide practical information and experience in properties and safe handling of radioisotopes to help participants meet licensing requirements for handling radioisotopes in laboratory and private plant experiments. Raleigh, NC. Contact J. Kohl, Nuclear Engineering Extension Specialist, North Carolina State University, P.O. Box 5125, Raleigh, NC 27650 (919) 737-2261. Fee \$340.

**may 18-29 . . .**

Ten-day Radiological Health Physics course, designed to provide individuals with the fundamentals of radiological sciences and protection/health physics. Of interest to persons entering these professions, to persons currently working in the field who have little or no formal training in the fundamentals, and to professionals in the field who desire refresher training and current information on equipment, standards, and procedures for the evaluation and control of radiological hazards. Earns 10 recertification units for ABHP. Lowell, MA. Contact Dr. K.W. Skrable, University of Lowell, 1 University Ave., Lowell, MA 01854 (617) 452-5000. No fee stated.

**may 19-20 . . .**

Two-day course on Strategic Planning for Disposal of Solid Wastes. Coverage includes interpretation and compliance with the Resource Conservation Recovery Act (RCRA) guidelines now being implemented. Boston, MA. Contact Center for Energy and Environmental Management, P.O. Box 536, Fairfax, VA 22030 (703) 250-5900. Fee \$380.

**may 20-21 . . .**

Two-day 1981 National Institute of Health Research Safety Symposium on Management of Hazardous Chemical Wastes in Research Institutions, sponsored by the Division of Safety, NIH. Space limited. Washington, DC. Contact 1981 NIH Research Safety Symposium, Environmental Control and Research Laboratory, Frederick Cancer Research Center, P.O. Box B, Frederick, MD 21701 (301) 663-7167. No fee announced.

**may 21 . . .**

One-day course, an Overview of Current TSCA Regulations. Boston, MA. Contact Center for Energy and Environmental Management, P.O. Box 536, Fairfax, VA 22030 (703) 250-5900. Fee \$225.

**may 21-22 . . .**

Two-day seminar on management and disposal of hazardous and chemical wastes. Course objective is to provide attendees with information needed to become self-sufficient, in light of the passage of the Research Conservation and Recovery Act (RCRA). Both legal and practical aspects of chemical waste disposal are covered. Philadelphia, PA. Contact A. Logan, J.T. Baker Chemical Co., Phillipsburg, NJ 08865 (201) 454-2500. Fee \$345.

**may 21-22 . . .**

Two-day course on EPA Consolidated Permit Program. Boston, MA. Contact Center for Energy and Environmental Management, P.O. Box 536, Fairfax, VA 22030 (703) 250-5900. Fee \$380.

**may 22 . . .**

One-day course on the Newest Developments in Technical Requirements Under TSCA. Boston, MA. Contact Center for Energy and Environmental Management, P.O. Box 536, Fairfax, VA 22030 (703) 250-5900. Fee \$225.

**may 24-29 . . .**

Six-day 21st annual American Industrial Hygiene Conference,

cosponsored by the American Conference of Governmental Industrial Hygienists and the American Industrial Hygiene Association. Portland, OR. Contact American Industrial Hygiene Association, 475 Wolf Ledges Parkway, Akron, OH 44311 (216) 762-7294.

**may 27-28 . . .**

Two-day seminar on management and disposal of hazardous and chemical wastes. Course objective is to provide attendees with the information needed to become self-sufficient, in light of the passage of the Research Conservation and Recovery Act (RCRA). Both legal and practical aspects of chemical waste disposal are covered. Detroit, MI. Contact A. Logan, J.T. Baker Chemical Co., Phillipsburg, NJ 08865 (201) 454-2500. Fee \$345.

**may 27-july 22 . . .**

Once-a-week course titled "A Review Program for Toxicologists". Presented Wednesday afternoons and evenings only, 3:30 p.m. to 9 p.m. Course will review the fundamental aspects of toxicology, including factual and conceptual framework for understanding this complex discipline. Sponsored by College of Medicine & Dentistry of New Jersey, Rutgers Medical School. Contact Pat Reid, CMDNJ-Rutgers Medical School, Office of Continuing Education, P.O. Box 101, University Heights, Piscataway, NJ 08854 (201) 463-4707. Fee \$600.

**may 31-june 4 . . .**

Five-day Twenty-Ninth Annual Scientific Meeting of the Radiation Research Society. Minneapolis, MN. Contact R.J. Burk, Jr., Executive Director, Radiation Research Society, 4720 Montgomery Lane, Suite 506, Bethesda, MD 20014 (301) 654-3080. No fee stated.

**may 31-june 5 . . .**

Six-day intensive certification review program for health physicists. Approved by the American Board of Health Physics for 10 credits toward continuing education recertification. Contact Dr. K. Skrable, Professor of Radiological Sciences, University of Lowell, One University Ave., Lowell, MA 01854. No fee announced.

**june 1-5 . . .**

Five-day course titled A Review of General Toxicology. Co-sponsored by Boston University School of Medicine, Department of Pathology, Pharmacology and Experimental Therapeutics; Bio-Research Institute, Inc., and the Mallory Institute of Pathology, Boston City Hospital. Intended as a review of general toxicology in preparation for the second Certification Examination of the American Board of Toxicology, Inc. Boston, MA. Contact Department of Continuing Medical Education, Boston University School of Medicine, 80 E. Concord St., Boston, MA 02118 (617) 247-5602. Fee \$450.

**june 1-19 . . .**

Fifteen-day course on Mini-Residency in Occupational Medicine for Physicians. Earns 97 CME, Category I. Cincinnati, OH. Contact J.S. Ferguson, University of Cincinnati, Institute of Environmental Health, 3223 Eden Ave., Cincinnati, OH 45267 (513) 872-5733. Fee \$1500.

**june 2-4 . . .**

Three-day course on the Toxicology of Occupational Diseases. Designed to give a basic grounding in toxicology, toxicological

effects and diseases caused by high priority classes of toxic substances, plus the problems of occupational cancer. The course is designed for health and safety professionals, educators and corporate attorneys. Chicago, IL. Contact K. Greening, University of Illinois at the Medical Center, Office of Continuing Education Services, 1853 West Polk Street, Room 144, Chicago, IL 60612 (312) 996-8025. No fee stated.

**june 7-12 . . .**

Six-day Symposium on Metabolism and Pharmacokinetics of Environmental Chemicals in Man. Co-sponsored by the office of Pesticides and Toxic Substances of EPA, the Drug Metabolism Division of the American Society for Pharmacology and Experimental Therapeutics, and the Society of Toxicology. Registration limited to 200. Sarasota, FL. Contact J. Smith, Oak Ridge National Laboratory, P.O. Box X, Building 2001, Oak Ridge, TN 37830 (615) 574-4718 or FTS 8-624-4718. Fee \$200 (waived for government employees).

**june 8-9 . . .**

Two-day workshops on Techniques of High-Resolution Electro-focusing and Electrophoresis. Designed to give participants practical theory and hands-on experience in analytical and preparative electrofocusing and two-dimensional electrophoresis. Rockville, MD. Contact Workshop Director, LKB Instruments, Inc., 12221 Parklawn Drive, Rockville, MD 20852 (301) 881-2510. Fee \$195.

**june 8-12 . . .**

Five-day intensive short course on Radiation Safety. Designed for OSHA compliance officers and those in industry and hospitals responsible for radiation safety. Includes lectures, demonstrations and hands-on laboratory exercises. Evanston, IL. Contact L. Garza, Coordinator, Continuing Engineering Education, Northwestern University, 2145 Sheridan Rd., Room 2823, Evanston, IL 60201 (312) 429-3365. Fee \$550.

**june 8-12 . . .**

Five-day course on planning for nuclear emergencies. Sponsored by the Harvard School of Public Health. Boston, MA. Contact K. Fahey, Coordinator of Short Courses, Dept. of Environmental Health Sciences, Harvard School of Public Health, 665 Huntington Avenue, Boston, MA 02115 (617) 732-1171. No fee stated.

**june 9-10 . . .**

Two-day course on Strategic Planning for Disposal of Solid Wastes. Coverage includes interpretation and compliance with the Resource Conservation Recovery Act (RCRA) guidelines now being implemented. Seattle, WA. Contact Center for Energy and Environmental Management, P.O. Box 536, Fairfax, VA 22030 (703) 250-5900. Fee \$380.

**june 10-11 . . .**

Two-day workshops on Techniques of High-Resolution Electro-focusing and Electrophoresis. Designed to give participants practical theory and hands-on experience in analytical and preparative electrofocusing and two-dimensional electrophoresis. Rockville, MD. Contact Workshop Director, LKB Instruments, Inc., 12221 Parklawn Drive, Rockville, MD 20852 (301) 881-2510. Fee \$195.

**june 11 . . .**

One-day course, an Overview of Current TSCA Regulations.

Seattle, WA. Contact Center for Energy and Environmental Management, P.O. Box 536, Fairfax, VA 22030 (703) 250-5900. Fee \$225.

**june 11-12 . . .**

Two-day course on EPA Consolidated Permit Program. Seattle, WA. Contact Center for Energy and Environmental Management, P.O. Box 536, Fairfax, VA 22030 (703) 250-5900. Fee \$380.

**june 12 . . .**

One-day course on Newest Developments in Technical and Testing Requirements Under TSCA. Seattle, WA. Contact Center for Energy and Environmental Management, P.O. Box 536, Fairfax, VA 22030 (703) 250-5900. Fee \$225.

**june 14-19 . . .**

Six-day Ninth Annual Scientific Meeting of the American Society for Photobiology. Williamsburg, VA. Contact R.J. Burk, Jr., Executive Secretary, Radiation Research Society, 4720 Montgomery Lane, Suite 506, Bethesda, MD 20014 (301) 654-3080. No fee stated.

**june 15-16 . . .**

Two-day workshops on Techniques of High-Resolution Electrofocusing and Electrophoresis. Designed to give participants practical theory and hands-on experience in analytical and preparative electrofocusing and two-dimensional electrophoresis. New York, NY. Contact Workshop Director, LKB Instruments, Inc., 12221 Parklawn Drive, Rockville, MD 20852 (301) 881-2510. Fee \$195.

**june 17-18 . . .**

Two-day workshops on Techniques of High-Resolution Electrofocusing and Electrophoresis. Designed to give participants practical theory and hands-on experience in analytical and preparative electrofocusing and two-dimensional electrophoresis. New York, NY. Contact Workshop Director, LKB Instruments, Inc., 12221 Parklawn Drive, Rockville, MD 20852 (301) 881-2510. Fee \$195.

**june 21-26 . . .**

Six-day Twenty-Sixth Annual Meeting of the Health Physics Society. Louisville, NY. Contact R.J. Burk, Jr., Executive Secretary, Radiation Research Society, 4720 Montgomery Lane, Suite 506, Bethesda, MD 20014. No fee stated.

**june 21-26 . . .**

Six-day 74th annual meeting of the Air Pollution Control Association (APCA). Coverage will include the full spectrum of air pollution control technology, including emission control, instrumentation and systems. Philadelphia, PA. Contact Public Relations Dept., Air Pollution Control Association, P.O. Box 2861, Pittsburgh, PA 15230 (412) 621-1090. No fee announced.

**june 26-27 . . .**

A one and a half day conference on the Neurotoxicity of Organic Solvents. Chemicals to be reviewed will be Acrylamide, Alcohol, Carbon Disulfide, Dichloromethane, Methyl Butyl Ketone, Methyl

Chloride, Toluene and Trichloroethylene. The formal presentations will be followed by panel discussions and participants will be encouraged to present posters on ongoing research during an evening session. The conference is sponsored by the Environmental Protection Agency Neurotoxicology Division and the Neurobehavioral Toxicology Program, Department of Environmental Health Sciences, The Johns Hopkins University. Attendance will be restricted to 100. Baltimore, MD. Contact Dr. Zoltan Annau, Division of Toxicology, Department of Environmental Health Sciences, Johns Hopkins University, 615 N. Wolfe St., Baltimore, MD 21205 (301) 955-3045.

**june 29-july 2 . . .**

Three-day course in Statistics for Radiological Sciences and Protection. Covers the use and development of fundamental statistical concepts applicable to data reduction and error analyses. Concepts and relationships are reinforced by the presentation of applications in the field of radiological sciences and protection and through the solutions of many example problems. Approved for 8 ABHP recertification units. Tewksbury, MA. Contact Dr. K.W. Skrable, 6 Ruthellen Rd., Chelmsford, MA 01824 (617) 452-5000, Ext. 2469 or 2235. Fee \$350.

**july 26-31 . . .**

Six-day eighth international symposium on the control and release of bioactive materials. Ft. Lauderdale, FL. Contact G. Janes, Creative Biology Laboratory, Inc., 3070 Cleveland-Massillon Road, Barberton, OH 44203 (216) 825-8304. Fees: members, \$70; others, \$90 prior to 7/1/81; members, \$90; others, \$100 later.

**august 2-21 . . .**

Three-week summer program in epidemiology. Includes methodologic and substantive courses with a track for those seeking an introduction to modern epidemiologic concepts and those desiring a review of recent developments in epidemiologic thinking. Graduate degree credit or continuing medical education (AMA Category I) credit upon application. Amherst, MA. Contact Dr. N. Dryer, Program Director, New England Epidemiology Institute, Dept. of Educational Services, P.O. Box 57, Chestnut Hill, MA 02167. \$725 fee.

**september 15-17 . . .**

Three-day LABSON '81, described as a broad technical conference emphasizing state of the art and future trends, equipment and systems for research and development and quality control. Chicago, IL. Contact C. Mosbacher, Industrial Research & Development, 1301 South Grove Avenue, Barrington, IL 60010 (312) 381-1840. No fee stated.

**october 5-9 . . .**

Five-day course titled "Introduction to Health Physics". Presentation of the fundamentals of health physics with emphasis devoted to situations commonly encountered at uranium production facilities. Classroom instruction, applications laboratory with "hands-on" experience, evening reading and homework assignments. Albuquerque, NM. Contact Eberline Instrument Corporation, P.O. Box 3874, Albuquerque, NM 87110 (515) 345-3461. Fee \$700.

## **New Membership Application Form**

With this Newsletter is a new membership application form for the Society, as approved by Council.

The form is designed to cover all three grades of membership, and delineates the membership requirements for each class.

The deadline for receipt of all membership applications is July 1, each year (bylaws Article Second, Section 1).

Additional forms are available from the Executive Secretary's office.

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**SOCIETY OF TOXICOLOGY**  
475 Wolf Ledges Parkway  
Akron, OH 44311

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