



# SOCIETY of TOXICOLOGY

# NEWSLETTER

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

FEBRUARY / MARCH, 1981

*Edited by Robert S. Lee*

## SOT Council Actions

Council met in Indianapolis, Indiana on January 29 & 30, 1981. Following is a summary of actions taken and issues discussed:

- I. As a result of several complaints from Canadian members, Council again reviewed with the Executive Secretary the mailing costs of journals and other SOT documents to Canada. Because of the differential in these costs, including that of both TAP and FAAT, Council agreed the annual dues for Canadian members for 1981 should be \$120.
- II. Plans for the Annual Conference in San Diego were reviewed by both President-Elect Forney and Executive Secretary McCormick. All signs point to a very successful meeting with perhaps a record breaking attendance.
- III. Several manuscripts have been cleared for publication in FAAT. It is doubtful whether the first issue will be mailed before sometime in March. A backlog of manuscripts is building up, but the delay needed for appropriate review prior to publication has somewhat postponed the mailing of the first issue.
- IV. The Report of the Awards Committee, chaired by Past President Miya, was received and all recommendations approved. These awards will be announced at the annual banquet in San Diego.
- V. Report from the Secretary of IUTOX, Robert G. Burford, indicated that plans were progressing satisfactorily for the 1983 meeting of IUTOX at the Town and Country Hotel, San Diego, California, August 28-September 3. J. Wesley Clayton is chairing the U.S. Arrangements Committee.
- VI. The following were approved for Retired status:

K.K. Chen	Sidney Kaye
Maynard Chenoweth	John R. Lewis
Byron Clark	Clara H. Williams
Otis Fancher	James G. Wilson
- VII. The membership application of Harvey C. Krasny was reviewed by Council and appropriate action was taken to change his membership from Associate to Active.
- VIII. The list of schools offering graduate education as prepared by the Education Committee was reviewed, and the Executive Secretary was instructed to have this published in the Newsletter in the near future.
- IX. An amount up to \$5,000 was allocated by Council to support Graduate Student travel to the SOT Annual Meeting in 1982. It will apply only to students who are appearing on the annual conference program.
- X. Three of the Specialty Sections will hold meetings in San Diego. These are: 1) Mechanisms, 2) Metals and 3) Reproductive Toxicology
- XI. Council approved the formation of a Regional chapter in the Chicago area with the stipulation that the name of the chapter should be Midwest Chapter of the Society of Toxicology.

- XII. The Code of Ethics as developed by a committee chaired by Past President Miya was approved by Council. This will be published in the Newsletter and FAAT.

## Code of Ethics

The following code of ethics has been developed by a committee under the chairmanship of Tom S. Miya. It was approved by Council at its meeting January 29.

### Code of Ethical Conduct for Toxicologists

The following principles are intended to aid toxicologists in maintaining ethical conduct in the exercise of professional duties and responsibilities. They are standards to guide toxicologists in their relationships with organizations they serve, with academic, industrial or governmental employers and workers' representatives, as well as with colleagues in the health professions, and with the public.

1. Accord highest priority to the protection of health and maintenance of safety of the public, including those who are occupationally exposed to physical or chemical hazards;
2. Conduct their work and themselves on a scientific basis with objectivity and integrity;
3. Make or endorse only statements that reflect their observations or honest opinion;
4. Actively oppose and strive to correct unethical conduct in relation to the provision of health and safety data;
5. Avoid allowing their professional judgment to be influenced by conflict of interest;
6. Take an active interest in, and strive conscientiously to become familiar with the health, safety and environmental impacts of the data generated by their scientific endeavors;
7. Strive continuously to expand and improve scientific knowledge in all aspects of Toxicology, and seek to communicate information about health and safety hazards in timely and effective fashion to the scientific community and, through these channels, to individuals or groups potentially affected;
8. Cooperate with governmental, scientific and health personnel and agencies, and foster and maintain sound ethical relationships with other scientists and members of the health professions; and
9. Avoid solicitation of the use of their services on the basis of unjustified claims of skills, knowledge or experience, or of testimonials; but permit appropriate and dignified use of a curriculum vitae in announcing services available.

## Council Approves Chicago Regional Chapter

At its meeting on January 29, 1981, council approved recognition of the Chicago Toxicology Society as a Regional Chapter of the Society of Toxicology.

The new Chapter's roster numbers over fifty paid charter members, of which 18 are members of SOT.

Four local meetings per year are planned, tentatively scheduled for March, June, September and December.

## Obituaries

It is with sorrow that we announce the passing of Bernard P. McNamara, Ph.D. of Edgewood Arsenal, MD and Robert S. Teague, M.D., Ph.D., retired Professor Emeritus of Pharmacology, The University of Alabama, Dept. of Pharmacology, Birmingham, AL. These professionals will be sorely missed by their many colleagues and friends.

## OSHA Hearing/Meetings Pertaining to Standards Development

During March and April, OSHA's department of labor consumer affairs program has scheduled the series of public meetings and hearings. These are:

March 24-25 **PUBLIC MEETING: Pesticides**

Francis Marion Hotel  
Gold Room  
387 King Street  
Charleston, South Carolina @ 9:00 a.m.

April 2-3 **NATIONAL ADVISORY COMMITTEE ON OCCUPATIONAL SAFETY (TENTATIVE) AND HEALTH**

Location and agenda to be determined

## Three Important Courses

**Toxicology: Advances in New Product Safety Testing Workshop.** A two-day seminar will be held on March 24-25, 1981 in Fairfield, CT. Focus will be on how to collect, analyze, or submit biological test data for FDA, EPA (TSCA, FIFRA) testing problems. Emphasis will be on technical procedures in scientific advances in new product safety testing; to the extent possible, the program will cover management procedures as well. Quality assurance, cost evaluation, record keeping, staffing and controlling, and other approaches to cutting costs, increasing reliability and, perhaps most important, speeding new products to the marketplace, will be discussed. Earns 1.5 CEU's. For more information, contact T. Belfanti, School of Continuing Education, Fairfield University, Fairfield, CT 06430 (203) 255-5411 Ext. 2665. \$300.00 fee.

**Hazardous Materials Handling Seminar.** A one day course on the requirements and techniques for handling, transporting, and disposing of hazardous materials will be held on May 1, 1981, in conjunction with the National Safety Council's Eastern Regional Safety Congress and Exposition, April 30-May 1 in Philadelphia, PA. Special emphasis will be given to OSHA's access to medical and exposure records requirements, revised DOT regulations, and EPA's RCRA as well as DOT-EPA interface on waste disposal. For more information contact Industrial Department, National Safety Council, 444 N. Michigan Ave., Chicago, IL 60611 (312) 527-4800. No fee announced.

**Principles of Toxicology '81.** The NIOSH Educational Resource Center of The Johns Hopkins University is offering a three-day course on Toxicology in Baltimore, MD on March 25-27, 1981. This course will examine the principles necessary to understand how toxic environmental chemicals interact with biological systems and the consequences of that interaction. The focus will be on understanding how xenobiotics are distributed, metabolized and produce disease. This course will emphasize the basic science aspects of toxicology and is intended as an introduction to the discipline for interested scientists. Earns 2.2 CEU's. Other appropriate credit applied for. For more information, contact program coordinator, room 22, Turner Auditorium, 720 Rutland Ave., Baltimore, MD 21205. (301) 955-6046. Fee \$325.00.

## Symposium on Metabolism and Pharmacokinetics on Environmental Chemicals in Man

This symposium, to be held in Sarasota, FL on June 7-12, 1981, features a strong, interesting and important scientific program.

Topics to be covered include metabolism to reactive intermediates, reactivity and stability of reactive intermediates, xenobiotic metabolism by nonenzymic reactions, interspecies comparisons of metabolism and pharmacokinetics, risk assessment in man, metabolism and pharmacokinetics of chemicals in occupationally exposed workers, TCDD toxicology with particular reference to the Seveso incident, and removal of environmental chemicals from the body.

Attendance will be limited. Registrations will be accepted in the order of receipt. For further information, contact Frederick J. Di Carlo, Ph.D., Health Review Division (TS-792), Environmental Protection Agency, 401 "M" Street, S.W., Washington, DC 20460.

## National Conference on Brain Death

One day National Conference on Brain Death, to be held in Boston, MA on April 4, 1981. Open to those interested in the medical, legal and ethical problems associated with defining, determining and confirming the existence of brain death. Advance registration is required. Contact J.A. Norris, J.D., M.B.A., Norris & Norris, International Health Lawyers, One Bulfinch Place, Boston, MA 02114 (617) 720-1999. \$100 fee.

## American Academy of Clinical Toxicology Annual Scientific Meeting

A five-day joint meeting of the American Academy of Clinical Toxicology, The American Association of Poison Control Centers and The American Board of Medical Toxicology will be held August 3-7, 1981 in Salt Lake City, UT.

The program will consist of presentation of submitted research papers, symposia by invited speakers, and Association meetings. Topics will be clinical or medical toxicology and poison control.

Abstracts for submitted papers are due April 30, 1981.

For further information, contact Anthony R. Temple, M.D., McNeil Consumer Products Company, Fort Washington, PA 19034 (215) 836-4500.

## Toxicology Symposium Workshop

A three-day symposium, "Safety Evaluation of Drugs and Chemicals", co-sponsored by American College of Veterinary Toxicologists, with 29 nationally known experts in classical toxicology methods and specialties such as carcinogenesis, mutagenesis, GLPs, SOMs, and neurobehavioural, inhalation and immune toxicology, etc. The fourth day will be a workshop in veterinary toxicology. The meetings will be held at Iowa State University, Ames, IA on June 1-4, 1981. For information write the Office of Continuing Education, 102 Scheman, Iowa State University, Ames, IA 50011, or telephone W. Eugene Lloyd at (515) 294-8626.

## Call for Papers on Epidemiology

**Division of Chemical Health & Safety, American Chemical Society Fall Meeting, August 23-27, 1981**

Papers relating to the methods and procedures involved in epidemiology studies used to determine the necessity for various levels of precaution are invited for presentation at this important meeting. Two sessions are planned. The first will be devoted to the fundamentals of methodology — how one conducts an epidemiology study. The other session will be devoted to specific results of completed or on-going studies, as they relate to specific chemicals. Presentation will consist of a 20-25 minute oral presentation, followed by a five to ten minute discussion.

Deadline for 200-word abstracts is April 15, 1981.

More information can be obtained from, and abstracts should be sent to, Samuel D. Kaplan, M.D., Senior Medical Scientist, Stanford Research Institute, 333 Ravenswood Ave., Menlo Park, CA 94025 (415) 326-6200 ext. 3623.

## Call for Papers for Forensic Scientists

Papers are invited for the 7th Annual Meeting of the Northeastern Association of Forensic Scientists, to be held in Allentown, PA on October 23-24, 1981.

Papers are sought in the areas of: illicit drug manufacture and identification; laboratory analysis of arson debris; forensic alcohol determination; forensic photomicrography; forensic toxicology; forensic serology and criminalistics.

Deadline for papers is September 1, 1981. For further information contact Alexander Stirton, President-Elect, NEAFS, Box 133, Limeport, PA 18060 (215) 691-6110 ext. 256.

## Interested in New Specialty Sections?

Persons interested in forming a specialty sub-section in delayed neurotoxicity and related matters please contact Professor M.B. Abou-Donia, Department of Pharmacology, Duke University Medical Center, Durham, NC 27710, Telephone: (919) 684-2221.

Persons interested in forming a specialty sub-section "Societal Decision Making in Toxicology" dealing with toxicologic model building and its interfacing with econometric modeling, legislative, legal, and moral decision making, please contact Professor D.B. Menzel, Department of Pharmacology, Duke University Medical Center, Durham, NC 27710, Telephone: (919) 684-3915.

### Boston University School of Medicine

A Review of General Toxicology  
June 1-5, 1981  
Boston, MA

This course is intended as review of general toxicology in preparation for the second Certification Examination at the American Board of Toxicology, Inc. Experts

in various field of toxicology will lecture on subjects of their sub-specialty and will lead discussions and workshops. A syllabus on the entire course is included in the subscription fee. Topics covered include toxic agents, effects and target organs, and principles, interpretation and evaluation.

For further information contact Mary Hopkins, Boston University School of Medicine, Dept. of Continuing Medical Education, 80 E. Concord St., Boston, MA 02118 (617) 247-5602.

### Student Travel Support for Annual Conference

The SOT Council at its meeting of January 29, 1981, approved a budget item, not to exceed \$5000, to support students to attend the 1982 annual conference in Boston, MA. To obtain the support, the student must be in a graduate program of toxicology and must be an author or co-author of a paper to be presented at the Conference. A request for the support must be made in letter form and must be accompanied by a recommendation for support by the student's advisor.

### Address Changes

<i>OLD</i>	<i>NEW</i>	<i>OLD</i>	<i>NEW</i>
<b>CHIEGO, PASQUALE, Ph.D.</b> (New Member) University of Texas Pathology Dept. Galveston, TX 77550	Institute of Oncology Viale Ercolani 4/2 40138 Bologna Italy	<b>HOOD, DOROTHY B.</b> E.I. DuPont de Nemours & Co. Haskell Laboratory Newark, DE 19711	500 Stamford Dr., #205 Newark, DE 19711 (302) 368-0811
<b>CONDRA, NAOMI I.</b> Carnegie-Mellon Univ. 4400 5th Ave. Pittsburgh, PA 15213	Bushy Run Research Center R.D. 4 - Mellon Road Export, PA 15632	<b>KENSLER, THOMAS W., Ph.D.</b> National Cancer Institute Bldg. 37, Rm. 5B-22 Bethesda, MD 20205	Division of Toxicology Johns Hopkins School of Hygiene & Public Health 615 N. Wolfe St. Baltimore, MD 21205 (301) 955-3045
<b>CONNIE, DAVID L. Ph.D.</b> Abbott Laboratories Dept. of Toxicology Abbott Park N. Chicago, IL 60064	Hill Top Research, Inc. Miamiville, OH 45150	<b>KIMURA, KAZUO K. Ph.D., M.D.</b> Dept. of Pharmacology School of Med. Wright State Univ. Dayton, OH 45425	VA Medical Center, Bldg. 127 4100 W. Third Street Dayton, OH 45428 (513) 268-6511, Ext. 274
<b>EDWARDS, GORDON S., Sc.D.</b> New England Inst. for Life Sciences 125 Second Avenue Waltham, MA 02154	34 Everett Street Natick, MA 01760	<b>KOHN, FRED E., Ph.D.</b> Abbott Laboratories Exper. Path. & Tox. Div. Abbott Park, Bldg. AP-6 North Chicago, IL 60064	G.D. Searle & Co. Box 5110 Chicago, IL 60680
<b>GALLO, MICHAEL A., Ph.D.</b> Griggstown Rd. - R.D. 2 Box 99 Bell Mead, NJ 08502 (Food and Drug Res. Labs., Inc.) (201) 677-9500	Griggstown Rd., R.D. 2 Box 99 Bell Mead, NJ 08502 (CMDNJ, Rutgers Medical School) (201) 463-4771	<b>MARTZ, ROBERT, M.D.</b> 156 N. Broad Street Norwich, NY 13815	52777 Winding Waters Elkhart, IN 46514
<b>HAAR, JAMES R., D.V.M.</b> Pennwalt Corp. Dept. Toxicology 755 Jefferson Rd. Rochester, NY 14623	240 Rutgers Street Rochester, NY 14607	<b>McCONNELL, ROBERT G. Ph.D.</b> (New Member) Mass. Instit. of Technology Dept. Nutrition & Food Sci. Cambridge, MA 02139	Product Safety Specialists Box 17635 Milwaukee, WI 53217 (414) 964-8237
<b>HAZLETON, LLOYD W., Ph.D.</b> 9120 Leesburg Pike Vienna, VA 22180	The Rotonda 5-622 McLean, VA 22102 (703) 734-6995	<b>MILO, GEORGE E., Ph.D.</b> (New Member) Ohio State University Dept. Physiological Chem. 1900 Coffey Road Columbus, OH 43210	Ohio State University Comprehensive Cancer Center 410 West 12th Street Columbus, OH 43210
<b>HETLAND, LYNN B., Ph.D.</b> Clinical Laboratories, Inc. 1231 North 29th St. Billings, MT 59101	Medical Reference Laboratories 1231 North 29th St. Billings, MT 59101	<b>MUNN, JOHN I., Ph.D.</b> National Cancer Inst. — NIH Bethesda, MD 20205	11022 Marcliff Road Rockville, MD 20852
<b>HINSON, JACK A., Ph.D.</b> Lab. of Chem. Pharmacology NIH Bethesda, MD 20014	Nat. Center for Toxicolog. Res. Carcinogenesis Div. - HFT-110 Jefferson, AR 72079 (501) 541-4214	<b>MUNRO, IAN C., Ph.D.</b> Health Protec. Branch Tunney's Pasture New Research Center Ottawa, Ontario, Canada	Food Direct. - Hlth. Protec. Branch Health & Welfare Canada Tunney's Pasture Ottawa, Ontario, Canada K1A 0L2 (613) 992-8304

<b>OLD</b>	<b>NEW</b>	<b>OLD</b>	<b>NEW</b>
<b>NAIR, VELAYUDHAN, Ph.D.</b> The Chicago Medical School 2020 W. Ogden Ave. Chicago, IL 60612	The Chicago Medical School 3333 Green Bay Rd. North Chicago, IL 60064 (312) 689-8010	<b>SHAH, HASMUKH C., Ph.D.</b> Chemical Manufacturers Association 1825 Connecticut Ave., N.W. Washington, DC 20009	Chemical Manufacturers Association 2501 "M" Street, N.W. Washington, DC 20037 (202) 887-1192
<b>NEAL, ROBERT A., Ph.D.</b> Dept. of Biochemistry Vanderbilt Univ. School of Medicine Nashville, TN 37203	Chemical Industry Institute of Toxicology P.O. Box 12137 Research Triangle Park, NC 27709	<b>SINGER, EDWARD J., Ph.D.</b> Lever Brothers Co. Research Center 45 River Road Edgewater, NJ 07020	Mobil Oil Corporation P.O. Box 1026 Princeton, NJ 08540
<b>NEWBERNE, JAMES W., D.V.M.</b> Merrell-National Labs. 110 E. Amity Rd. Cincinnati, OH 45215	Merrell Research Center 2110 E. Galbraith Rd. Cincinnati, OH 45215 (513) 948-7060	<b>WAGGONER, WILLIAM C., Ph.D.</b> 5 Banner Court East Brunswick, NJ 08816	Johnson & Johnson Baby Products Co. Res. Grandview Road Skillman, NJ 08558 (201) 874-1403
<b>QUEST, JOHN A., Ph.D.</b> Food & Drug Administration Bureau of Drugs 5600 Fishers Lane - HFD-102 Rockville, MD 20852	The National Toxicology Program National Institutes of Health Room 3A-06 - Landow Bldg. Bethesda, MD 20205 (301) 496-1152	<b>WINROW, MICHAEL J., Ph.D.</b> (New Member) The Procter & Gamble Co. 6110 Center Hill Rd. Winton Hill Techn. Center Cincinnati, OH 45224	The Procter & Gamble Co. Miami Valley Labs. P.O. Box 39175 Cincinnati, OH 45247 (513) 977-2670
<b>SALEM, HARRY, Ph.D.</b> Cannon Labs. 918 Rock Lane Elkins Park, PAS 19117	ToxiGenics 1800 E. Pershing Rd. Decatur, IL 62526 (217) 875-3930	<b>WOODARD, MARIE W.</b> 10900 Coastal Hwy., #1601 Ocean City, MD 21842	P.O. Box 445 Isle of Palms, S.C. 29451

#### Telephone Changes

<b>OLD</b>	<b>NEW</b>	<b>OLD</b>	<b>NEW</b>
<b>COURI, DANIEL, Ph.D.</b> (614) 422-8190	(614) 422-0168	<b>MacDONALD, WILLIAM E., Ph.D.</b> (301) 881-2305	(301) 984-2840
<b>KOTSONIS, FRANK N., Ph.D.</b> (312) 982-8015	(312) 982-7869	<b>SERRONE, DAVID M., Ph.D.</b> (216) 352-9311	(216) 357-3740

#### coming events . . .

##### april 13-16 . . .

Four-day international symposium on Electroanalysis in Clinical, Environmental and Pharmaceutical Chemistry. Topics to include electrochemical polarization phenomena; ion-selective field effect transistors; analytical uses of piezoelectric crystals; applications of electrochemical methods and applications of electroanalytical instrumentation. Cardiff, Wales, U.K. Contact J.D.R. Thomas, Symposium Director, Chemistry Department, UWIST, Cardiff, CF1 3NU, Wales, United Kingdom. No fee stated.

##### april 21-24 . . .

Four and one half-day International Symposium on Prevention of Occupational Cancer. Program will cover current concepts in occupational carcinogenesis, epidemiology of occupational cancer, methodology for occupational cancer risk evaluation, plus prevention and control of occupational cancer risk. Organized by the Institute of Occupational Health, Helsinki, Finland and co-sponsored by the International Labor Office (Geneva), World Health Organization (Geneva), and International Agency for Research on Cancer (Lyon). Working languages: English and

French, with simultaneous interpretation. Helsinki, Finland. Contact International Symposium on Prevention of Occupational Cancer, Institute of Occupational Health, Haartmaninkatu 1, SF-00290 Helsinki 29, Finland. No fee stated.

##### april 21-24 . . .

Four-day international symposium on health effects of drinking water disinfectants and disinfection by-products. Sponsored by USEPA Health Effects Research Laboratory and Center for Environmental Research Information. Presentations will include results from biological testing of chemicals concentrated from raw and finished drinking waters. Results from epidemiological research and human pathological studies will also be presented. A discussion of regulatory issues and symposium recommendations will be presented by a selected panel of experts. Attendance recommended for toxicologists, environmental chemists and biologists, epidemiologists, public health officials and sanitary engineers having an interest in health effects research results impacting upon drinking water disinfection practices. Cincinnati, OH. Contact Dr. Ann Clarke,

AWARE, Inc., P.O. Box 40284, Nashville, TN 37204 (615) 794-0110. No fee.

##### may 4-7 . . .

Four-day 27th Annual Technical Meeting of the Institute 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 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 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 fundamen-

tals, 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 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.

**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 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.

**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.

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