



NEWSLETTER

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No. 85 December 1984

ASP - Newsletter

The Society is saddened by the death of Dr. Shih Yi (Sydney) Wang, who died at Johns Hopkins University Hospital in Baltimore, MD on October 3, 1983 after a long illness.

Dr. Wang was born in Peking, China in 1923, and came to this country for his graduate studies. He obtained the Ph.D. degree (Chemistry) at the University of Washington, Seattle in 1952. He then carried out postdoctoral work with Dr. Gensler (Boston University, 1952-1954) and with Dr. R. B. Woodward (Harvard, 1954-1955). After serving as Assistant Professor at Tufts Medical School, he moved to the Johns Hopkins School of Hygiene and Public Health in 1961 as Assistant Professor of Biochemistry. In 1966 he was appointed Professor of Biochemistry, and in 1977 he became Professor and Director, Division of Environmental Chemistry, Department of Environmental Health Sciences, Johns Hopkins School of Hygiene and Public Health.

Dr. Wang was the author of over 100 scientific publications, as well as numerous abstracts, and served as the Editor of "Photochemistry and Photobiology of Nucleic Acids" published by Academic Press (1976). He also served on the Editorial Board of the journal, "Photobiochemistry and Photobiophysics."

He was a pioneer in the study of the radiation chemistry of nucleic acids, and excelled in structure determination, synthesis and analysis of radiative degradation products of nucleic acid bases. The investigations included the use of UV-irradiation, γ -irradiation and ultrasonication, and his studies have had great significance in extending our knowledge of mutational and cancer-inducing effects.

Dr. Wang was NATO guest lecturer at the University of Koln, Germany in 1962, and in 1983 he received the Maryland Chemist Award in recognition of his outstanding contributions in research, teaching and administration.

Positions Available

Postdoctoral Position. We need qualified people with magnetic resonance experience for research on the studies of motion of paramagnetic species in zeolites, magnetohydrodynamics of liquid crystals, molecular motion of metal complexes in solution and in solid state, and surface quantitative techniques. Send resume, list of publications, copies of M.S. and Ph.D. diplomas, and names of three references. Professor Cyril Parkanyi, Chairman, or Professor Michael P. Eastman, Department of Chemistry, The University of Texas at El Paso, El Paso, Texas 79968-0513, USA.

Immunologist/Cellular Toxicologist. The Division of Radiobiology at The Ohio State University is seeking a Postdoctoral Researcher. The individual must have a Ph.D. in the Biological Sciences, with demonstrated expertise in the development and performance of biochemical and immunochemical assays. Responsibilities will include the development of assays for the immunological detection and quantitation of DNA damage as well as the development of monoclonal and polyclonal antibodies to carcinogen damaged DNA and modified DNA bases coupled to proteins. Salary competitive. Send curriculum vitae, description of research interests and the names of three references to: Dr. Altaf Wani, The Ohio State University, Division of Radiobiology, 103 Wiseman Hall, 400 W. 12th Avenue, Columbus, Ohio 43210. The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

Meetings

1985

- Feb. 10-12 The 1985 Clinically Oriented Symposium "Therapeutic Photomedicine" of the European Society for Dermatological Research (ESDR) will be held jointly with the Arbetisgemeinschaft Dermatologische Forschung (ADF), at Baden/Vienna, Austria. For information: Herbert Honigsmann, M.D., c/o Vienna Academy of Postgraduate Medical Education, Alser Strasse 4, A-1090 Vienna, Austria.
- April 15-19 European Symposium - Photomorphogenesis in Plants, Wageningen, The Netherlands. Contact: R.E. Kendrick/ G.H.M. Kronenberg, Laboratory for Plant Physiology Research, Agricultural University, General Foulkesweg 72, 6703 BW Wageningen, The Netherlands.
- May 5-9 Radiation Research Society, Los Angeles, California. Contact: Radiation Research Society, 925 Chestnut Street, Philadelphia, PA 19107
- June 23-27 American Society for Photobiology. The 13th Annual Meeting of the Society will be held at the Monteleone Hotel in New Orleans, Louisiana. Be on the lookout for the Call-for-Papers mailed to all members of the Society. For additional packets contact the Secretariat at (703)790-1745.
- June 23-28 ASPP - Brown University, Providence, RI
- July 2-6 Short course - DIRECT CONVERSION OF SOLAR ENERGY. Topics will include: Photovoltaic Cells, Photosynthesis, Molecular Photochemical Energy Storage, Storage via Photochemical Redox Reactions, Photogalvanic Effects, Semiconductor Photoelectrochemistry, Microheterogeneous Systems. Concordia University, Montreal, Quebec. Contact: Ms. Doreen Bates, Assistant Director, Centre for Continuing Education, Concordia University, 1455 de Maisonneuve Blvd. W., Montreal, Quebec, Canada H3G 1M8
- Oct. 13-24 NATO Advanced Study Institute. Luminescence and Photochemical Tools in Polymer Science, Conformation, Dynamics and Morphology. For information contact: Professor M.A. Winnik, Department of Chemistry, University of Toronto, Toronto, Canada M5S 1A1, Telephone (416) 828-5228

1987

- July 24 - Aug 1 XIV International Botanical Congress, Berlin, West Germany. Correspondence concerning general matters of the Congress should be addressed to the Congress Secretariat: XIV International Botanical Congress, Konigin-Luise-Strasse 6-8, D-1000 Berlin (West) 33, Tel: (030) 83160 10

Soon to be released - from the Education Committee

For your reviewing pleasure, the Society awarded money to videotape some of the lectures presented at the International Congress in Philadelphia last July. In an effort to represent several sub-disciplines in photobiology, the following selection was made: B.M. Sutherland "Toward a Molecular Understanding of Sunlight-Induced Skin Cancer in Mouse and Man", J. Hearst "Controlled Mutagenesis in Reaction Center Proteins", J. Jagger "Patterns of Discovery in Ultraviolet Photobiology: Development of New Paradigms", T. Goldsmith "Recent Advances in Avian Color Vision", M. DeLuca "Bioluminescence", J. Parrish "Laser Photomedicine", and B. Johnson "Phototreatment of Human Subjects". The taping was done by Mr. Joe Goudonis of Temple University Medical Communications staff through the advice of Dr. Fred Urbach. Most of the tapes have now been edited and the rest should be completed within a couple of months. The ASP Education Committee is investigating ways to make these tapes available for purchase or loan to ASP members.

1985 STUDENT TRAVEL AWARD
APPLICATION FORM



DEADLINE FOR RECEIPT OF
THIS APPLICATION IS
FEBRUARY 15, 1985.

To provide support to students showing potential in photobiology, the Society is offering financial support to ten students wishing to attend the 13th Annual Meeting, New Orleans, LA, 23-27 June 1985. An amount of \$5,000 has been appropriated for this program and amounts will be allocated according to a fraction of the recipient's total expenses. Nominations from faculty members of those students who, by their merit, are suitable recipients of the Travel Award are now being accepted. The faculty nominations should provide data with particular emphasis on those qualities of the nominee which indicate that he/she will ultimately make significant contributions to the area of photobiology.

To be eligible, the candidate must be working towards a degree and must submit an abstract of a report suitable for presentation at the Meeting. The candidate must be an author of the abstract, and if a recipient of the Award, must present the report at the Meeting. If the student is not a Member of the Society, the abstract must be sponsored by a Member.

Please complete the following and return to: Mr. Richard J. Burk, Jr., Executive Secretary, 1340 Old Chain Bridge Road, Suite 300, McLean, VA 22101 (703)790-1745. A copy of the abstract that was submitted for presentation must accompany this form. PLEASE SEND THIS FORM AND THE REQUIRED COPY SEPARATELY FROM THE ORIGINAL ABSTRACT AND TWO COPIES BEING SUBMITTED FOR PROGRAM COMMITTEE REVIEW!

NAME: _____

ADDRESS: _____

Working toward _____ degree in the Department of _____

at _____ under the guidance of _____.

Thesis or project title or description: _____

Honors: _____

Professional Experience: _____

Career Goals: _____

Expected date of completion of work towards degree: _____

Title of abstract for the 13th Annual Meeting: _____

ATTACH TO THIS FORM A COPY OF THE ABSTRACT(S) SUBMITTED FOR PRESENTATION AT THE MEETING, AND A SUPPORTING LETTER FROM YOUR PROFESSOR. THE DEADLINE FOR RECEIPT OF THIS APPLICATION IS 15 FEBRUARY 1985.

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Glossary Available Alternative energy sources. The need for this glossary became clear following the flood of literature on alternative energy sources which appeared in the wake of the second oil shock in 1978. Standardization of terms has not kept pace with the research undertaken on various fronts, and over the years many new words have been coined and many synonyms have been used in the material published on the subject.

The specialized department "Terminology and Computer Applications" hopes to provide linguists in the European Community institutions and other bodies interested in this topical subject with a working aid which gives an overall picture of the various projects under way.

While compiling the vocabulary from original sources, the department consulted experts and scientists in the energy field. The end-product is this six-language glossary divided into nine chapters corresponding to the main areas of research. The indexes, in six different colours, facilitate consultation of the glossary. The corpus contains a large number of illustrations and each entry carries a definition. Careful reading of the definitions in a given chapter will serve as an introduction to the technology in question.

Topics include: Solar energy, Solar radiation, Photobiological energy conversion and biomass, and Photosynthesis. These topics comprise about one-tenth of the material. The corpus is systematically arranged with over 2,500 entries in six languages and six alphabetical indexes (French, English, German, Italian, Dutch and Danish) totaling nearly 36,000 terms, and it also includes an extensive bibliography. Contact: Office for Official Publications of the European Communities, L-2985, Luxembourg.

Student Travel Awards for the New Orleans Meeting - June 23-27, 1985

The Grants Committee will again consider applications for ten Student Travel Awards to the 13th Annual Meeting. An amount of \$5,000 has been appropriated for this program, and will be allocated according to a fraction of the recipient's total expenses. To be eligible, the candidate must be working towards a degree and must submit an abstract of a report suitable for presentation at the Meeting. The candidate must be an author of the abstract, and if a recipient of the Award, must present the report at the Meeting. If the student is not a Member of the Society, the abstract must be sponsored by a Society Member. Nominations from faculty members of those students who, by their merit, are suitable recipients of a Travel Award are now being accepted. The faculty nominations should provide data with particular emphasis on those qualities of the nominee which indicate that he or she will ultimately make significant contributions to the area of photobiology. An application form is included in this Newsletter. Additional forms may be obtained from the Secretariat, 1340 Old Chain Bridge Road, Suite 300, McLean, VA 22101, or by calling the Secretariat at (703)790-1745. THE DEADLINE FOR RECEIPT OF TRAVEL AWARD APPLICATIONS IS 15 FEBRUARY 1985, THE SAME AS THE ABSTRACT DEADLINE.

AMERICAN SOCIETY FOR PHOTOBIOLOGY

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