



# Newsletter

Editor: DR. VINCENT DE LEO, Department of Dermatology  
Columbia University, 630 West 168th Street, New York, New York 10032 (212) 305-8484

No. 106 December 1986/January 1987

Receives certificate  
of appreciation



Pill Soon Song, Editor of Photochemistry and Photobiology, is shown presenting a certificate of appreciation to BARBARA IVEY, Editorial Associate, for two years of exceptional service. Barbara has worked in the Editorial Office and with the ASP office in McLean, as well as members of the Editorial Board in a professional and efficient manner.

Looking on (from left) are Dr. Song, Susan Erwin, Barbara Ivey and Reverend Ron Ivey, Barbara's husband, hiding behind her (sorry, Ron).

Susan Erwin has agreed to take on the editorial office position with the help of Sharon Anderson. (Photo by Bal Ram Singh.)

Pill Soon Song

## ASP COMMITTEE BUSINESS

### Photobiology Archives

The ASP is considering establishment of an archival collection, to be part of the RADIATION BIOLOGY ARCHIVES of the UNIVERSITY of TENNESSEE.

These archives presently contain collections from people like L.H. GRAY, ALEXANDER HOLLAENDER, and DOUGLAS E. LEA. They include such things as letters, lab notebooks, photos, and prizes and awards.

It is likely that Council will approve this step at the ASP annual meeting in June. In the meantime, ASP members who are about to retire, or are considering a reduction of their files, are urged to "hang on" to this material for possible inclusion in the PHOTOBIOLOGY ARCHIVES.

J. Jagger, ASP Historian

### Dues Grants Available

Members of the Society who are presently unemployed may apply to the GRANTS AND AWARDS COMMITTEE for a waiver of MEMBERSHIP DUES. The DUES GRANTS are available for a one year period. Interested members should apply through the Secretariat at the following address:

Secretariat, ASP  
1340 Old Chain Bridge Road  
Suite 300  
McLean VA 22101

---

# ALEXANDER HOLLAENDER 1889-1986

Alexander Hollaender, eminent radiation biologist, member of the NATIONAL ACADEMY OF SCIENCES, and organizer of international scientific symposia, died Saturday, December 6, 1986, at the Georgetown University Hospital in Washington, D.C., after a long illness. He was 87 years old.

During his long and distinguished career in scientific research and administration, Dr. Hollaender served as PRESIDENT of the COUNCIL FOR RESEARCH PLANNING IN BIOLOGICAL SCIENCES, located at the offices of the Associated Universities, Inc.

He was the driving force behind the creation of one of the nation's leading research organizations - the BIOLOGY DIVISION of the OAK RIDGE NATIONAL LABORATORY. He was its DIRECTOR from 1946 - 1966, serving later as senior research advisor until 1973 when he established his office in Washington, D.C., now the Council for Research Planning.

He was elected to the NATIONAL ACADEMY OF SCIENCES in 1957, and he was a member of the AMERICAN ACADEMY OF ARTS AND SCIENCES, AMERICAN SOCIETY FOR MICROBIOLOGY, MARINE BIOLOGICAL LABORATORY (life member), INTERNATIONAL COMMISSION FOR PROTECTION AGAINST ENVIRONMENTAL MUTAGENS AND CARCINOGENS, ENVIRONMENTAL MUTAGEN SOCIETY, GENETICS SOCIETY OF AMERICA, RADIATION RESEARCH SOCIETY, the COSMOS CLUB, and the AMERICAN SOCIETY FOR PHOTOBIOLOGY.

Among his many accomplishments, Dr. Hollaender did pioneering experimental research in radiation biology, resulting in our general concepts of damage to nucleic acids and recovery from radiation damage. He was one of the principal organizers of the RADIATION RESEARCH SOCIETY (1952) and the ENVIRONMENTAL MUTAGEN SOCIETY (1970) and their international counterparts, including the COMITE INTERNATIONAL DE PHOTOBIOLOGIE (now the Association Internationale de Photobiologie) (1954).

Alexander Hollaender was born in Samter, Germany, on December 19, 1898. He traveled to the United States in 1921, settling with an uncle in Birmingham, Alabama, before travelling throughout the States.

In 1925, he married the former Henrietta Wahlert of St. Louis, Missouri. He became a naturalized citizen of the United States in 1927.

He received his bachelor's degree in 1929, master's degree in 1930, and Ph.D. in 1931 from the University of Wisconsin, Madison. He published several papers while still a student, including the first American paper on the Raman effect.

In 1935, he published the finding that cells recover from the effects of ultraviolet irradiation. Hollaender was one of the early investigators to use the action spectra for the identification of targets in biological systems affected by ultraviolet radiation, and was able to show, in 1941, that the wavelengths that would produce mutations were just those absorbed by nucleic acids.

Dr. Hollaender was PROFESSOR OF BIOMEDICAL SCIENCES at the UNIVERSITY OF TENNESSEE, KNOXVILLE, in 1967. He founded the ARCHIVES OF RADIATION BIOLOGY at the university in 1968.

Among the many honors he received were the FINSEN MEDAL IN PHOTOBIOLOGY (1968), the ENVIRONMENTAL MUTAGEN SOCIETY AWARD (1972), the NATIONAL ACADEMY OF SCIENCES' AWARD FOR ENVIRONMENTAL QUALITY (1979), and the DEPARTMENT OF ENERGY'S ENRICO FERMI AWARD (1983).

He was HONORARY PRESIDENT of the THIRD INTERNATIONAL CONGRESS ON ENVIRONMENTAL MUTAGENESIS, Tokyo, Japan (1981), and NINTH PHOTOBIOLOGY CONGRESS, Philadelphia (1984).

Dr. Hollaender edited, in 1956, the three-volume series on Radiation Biology, and he served on the editorial boards for the International Journal of Radiation Biology, Photochemistry and Photobiology, Radiobiologica Latina, Progress in Nuclear Energy, International Journal of Radiation Botany, Mutation Research, and Grants Magazine. His bibliography cites some 300 publications from 1929 to the present.

---

# Sigma Xi Lecturer

## 1988

### Call for Nominations

The PUBLIC AFFAIRS COMMITTEE is soliciting nominations for the ASP SIGMA XI JOINT LECTURER for 1988. The purpose of the lectureship is to educate the public concerning the science of photobiology and to foster communication among scientists of varied disciplines.

The lectureship is funded by Sigma Xi and ASP and provides for travel and maintenance expenses and a modest honorarium for the chosen individual to present a lecture on an appropriate topic to local Sigma Xi chapters throughout the country on five to ten occasions in 1988.

The Public Affairs Committee will choose an individual from the nominations submitted by the membership. The committee's choice is then considered for approval by the Council at the Annual Meeting in June 1987.

Individuals who are interested in being nominated should send biographical data and the title of their proposed lecture to the committee. Members of the Society may also suggest the nomination of any other member by communicating that individual's name and biographical data to the committee. The DEADLINE for receipt of nominations is APRIL 3, 1987.

Send the appropriate information to:

Secretariat  
1340 Old Chain Bridge Road  
Suite 300  
McClean VA 22101

Makhukar Pathak

# Positions Available

PLANT SCIENTIST. BIOLOGY DEPARTMENT. BROOKHAVEN NATIONAL LABORATORY. A tenure track position is available for a scientist with a PhD or equivalent degree and recent postdoctoral experience. The successful candidate will develop and lead an active, independent research program in plant biophysics, cellular, molecular-, or structural biology. A complete curriculum vitae and the names of three references should be sent to the following individual:

Dr. Harold W. Siegelman  
Biology Department  
Brookhaven National Laboratory  
Upton NY 11973.

## Meetings 1987

SEMINAR ON "HUMAN EXPOSURE TO ULTRAVIOLET RADIATION RISKS AND REGULATION"

Amsterdam, the Netherlands  
March 23 to 25, 1987

Organized by the Dutch Ministry of Welfare, Health and Cultural Affairs; the Dutch Ministry of Housing, Physical Planning and Environment; Commission of the European Communities; in collaboration with the Health Council of the Netherlands and Netherland Radiation Protection Society.

Themes of the Seminar will include: HUMAN EXPOSURE LEVELS. BIOLOGICAL EFFECTS, PRINCIPLES AND TECHNIQUES OF PROTECTION. POLICIES AND REGULATION.

For information:

Secretariat of the Seminar  
on UV Radiation  
Ministry of Welfare, Health  
and Cultural Affairs  
Ms. A.M.C. Alkemade  
P.O. Box 5406  
2280 HK Rijswijk  
The Netherlands  
Tel. (0) 70-407241

---

## REFLECTOR DESIGN

February 24 to 27, 1987  
Scottsdale Arizona

The course is part of the seminar program sponsored by LIGHTING SCIENCES INC of Scottsdale. This seminar includes the area of COMPUTER TECHNIQUES. The course will be taught primarily by Dr. Ian Lewin.

For information:

Lighting Sciences Inc.  
7830 E. Evans Road  
Scottsdale Arizona 85260  
(602) 991-9260

# New Titles

## PLANT BIOLOGY A New Series

Designed to keep researchers, students, and teachers abreast of the latest developments in plant biology.

SERIES EDITOR  
Nina Stromgren Allen

### Volume 1

PHLOEM TRANSPORT  
James Cronshaw  
William J. Lucas  
Robert T. Giaquinta

Proceedings of an International Conference on Phloem Transport, August, 1985, held at Asilomar, California.  
ISBN 0-8451-1800-5  
LC 86-10638  
680 pages, \$90.00

### Volume 2

REGULATION OF CHLOROPLAST  
DIFFERENTIATION  
George Akoyunoglou  
Horst Senger

Proceedings of an International Meeting on the Regulation of Chloroplast Differentiation, held in Rhodes, Greece, July, 1985.  
ISBN 0-8451-1801-3  
LC 86-7416  
816 pages, \$95.00

Available from:

Alan R. Liss, Inc.  
41 East 11th Street  
New York NY 10003  
(212) 475-7700

## LIGHT AND LIFE PROCESSES

Jerome J. Wolken

December, 1986  
259 pages, hardbound

Available from:

Van Nostrand Reinhold Co., Inc.  
115 Fifth Avenue  
New York NY 10003

---

## HAPPY NEW YEAR!

## American Society for Photobiology

1340 Old Chain Bridge Road, Suite 300  
McLean, Virginia 22101

Non-Profit Org.  
U. S. POSTAGE  
**PAID**  
Bethesda, Md.  
Permit No. 7049