



NEWSLETTER

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ASP - Newsletter

ASP/Biophysical Society Congressional Fellowship - 1984-85

Staff Position on Capitol Hill begins fall 1985 - objectives of this program are:

To make available to the government scientific and technical expertise

To provide an opportunity for a scientist to gain firsthand knowledge of the operations of the legislative branch of the government

To enlarge the perspective of both the scientific and governmental communities regarding the importance of such scientific-governmental interaction.

Completed applications must be received by 1 April 1984. Submit to:

Dr. A. Schechter
Bldg. 10 Rm 9N-307
National Institutes of Health
Bethesda, MD 20014

Applications consist of:

1. Letter of Interest. This should include a statement about why they have applied for the Fellowship and what they hope to accomplish as a Congressional Fellow. Applicant's experience in public oriented projects which utilized scientific or technical knowledge would be helpful.
2. Resume.
3. Three letters of reference.

For further information call: 301-496-5408

Education in Photobiology - A Reminder

From the ASP Education Committee: Barbara Zilinskas (Chair)

At the 1983 ASP Annual Meeting, forty ASP members attended an informal luncheon workshop to discuss photobiology education with the aim of improving existing courses and encouraging new courses through cooperation and sharing of resources and ideas. All gathered agreed that general availability of course outlines, reading lists, laboratory exercises, problem sets, or any other course materials would be most useful. These contributed items would be assembled by the Education Committee, advertised through the Newsletter and distributed to members upon request by the ASP; they would also be made available at the 1984 Annual Meeting. Ultimately, the ASP may wish to consider preparation of educational materials, e.g., laboratory modules, visual aid (slides), overhead transparency sets, etc., for greater distribution for high school or college courses.

As a start, we ask you to submit any information to the Education Committee concerning courses you offer (or educational ideas you have) in photobiology. The attendees of the education workshop were most anxious to examine course outlines and accompanying reading lists, sample laboratory exercises and problem sets. If you are not teaching photobiology, you might nonetheless provide us with a list of review articles or significant papers in your field. Annotation of the lists with respect to their use in teaching would be helpful.

Without your contributions, this effort will go nowhere. Please send materials to: Barbara Zilinskas, Department of Biochemistry and Microbiology, Lipman Hall, Cook College, Rutgers University, New Brunswick, NJ 08903. Thank you.

New Journals

Photodermatology-clinical and experimental

Aim and Scope of the Journal

Photodermatology will present a continuing spectrum of authoritative information on the latest clinical and research practice in the field of dermatological problems related to light. The journal welcomes articles on all aspects of medicine and biology relevant to the effect of ultraviolet and visible radiation on cutaneous and related tissues. Equal emphasis will be placed on clinical and research reports.

The subjects will include photodermatoses, phototherapy, photochemotherapy, phototesting, phototoxicity, photoprotection, photoallergy, photoimmunology, photophysiology, photocarcinogenesis, and related topics. Developments in instrumentation and technology for delivery and measurement of ultraviolet and visible radiation will also be covered.

Editorial Address

The original and 2 copies of submitted articles should be sent to Dr. Jansen, Dept. of Dermatology, University of Turku, Turku 52 (TYKS), SF-20520 Finland. Manuscripts will be reviewed by both editors within 14 days of receipt and a preliminary evaluation of suitability will be communicated to the author. The final editorial decision will be taken as soon as the referees' reports have been obtained.

Subscription

Photodermatology is published bimonthly. 1984 subscription price is D.kr. 500.00 plus postage D.kr. 60.00 (total US\$ 69.00 45.50, DM 168.00) payable in advance. Please add D.kr. 30.00 (US\$ 3.70) for air freight to North American subscribers. Prices are subject to exchange rate fluctuations.

Radiation International

The purpose in publishing the monthly radiation magazine Radiation International is to introduce the radiation professionals to each other: who they are, what they do, where they work, and why they do what they do. The magazine will also open channels of communication between radiation professionals around the world.

Radiation International is not a technical journal. It treats a high tech subject with the perception of a general reader and not that of a laboratory technician. It depicts progress in radiation technology and policy in travelogue fashion: places, people, interesting events. It is designed for professionals: health physicists; radiological personnel and administrators at nuclear power plants and research laboratories; radiological emergency response medical personnel; radiologists and radiological technicians; photobiologists and radiologists; radiation research scientists and oncologists; dentists and x-ray technicians; emergency physicians and nurses; radiation electronics engineers; and others.

For further information contact G.P. Sakalosky and A.E. Spinelli, International Radiation Information Service, 21 Brookside Village, Box 287, Gatlinburg, TN 37738. Tele: 615-436-3201

NASA SPACE BIOLOGY PROGRAM

The NASA office of Space Science and Applications has issued a call to scientists regarding an opportunity to submit unsolicited proposals to participate in continuing ground-based research and space flight opportunities in the Space Biology Program of the Life Science Division. The purpose of this research opportunity is to enhance scientific return from research by providing a close coordination of Space Shuttle middeck flight experiments and ground-based biological research. Questions regarding this program should be directed to: Dr. Thora W. Halstead, Code EBT-3, NASA Headquarters, Washington, DC 20546.

MEETING CALENDAR 1984

<u>DATE</u>	<u>MEETING</u>	<u>CONTACT</u>
Jan 4-7	Singlet Oxygen Conference, Clearwater Beach, FL	Brian Stevens, Department of Chemistry, University of South Florida, 33620
Feb 12-15	ISCC 1984 Williamsburg Conference on Color and Imaging	ISCC Publicity Chairman, Dr. Fred W. Billmeyer, Jr., Department of Chemistry, Rensselaer Polytechnic Institute, Troy, New York 12181
Feb 19-23	15th Annual Scientific Meeting Environmental Mutagen Society, (Le Centre Sheraton) Montreal, Quebec, Canada	Diane Taub, Executive Officer, EMS, c/o SASC, 1340 Old Chain Bridge Road, Suite 300, McLean, VA 22101
Apr 6-8	Eastern U.S. Regional Conference on Photosynthesis to be held at Woods Hole Marine Biology Laboratory, Woods Hole, MA	Robert Blankenship, Dept. of Chemistry, Amherst College, Amherst, MA 01002. (413)542-2148
Apr 30-May 4	1st EC Conference on Solar Heating, Amsterdam (NL)	Dr. W. Palz, DG X11/E2, Commission of the European Communities, 200 rue de la Loi, B-1049 Bruxelles Tel:235-69-22/235-7124
May 20-24	9th Annual Beltsville Symposium in Agricultural Research. "Frontiers of Membrane Research in Agriculture". Beltsville Agricultural Research Center in Maryland	Symposium Chairman, Meryl N. Christiansen, Building 001, Room 221, BARC-West, Beltsville, MD 20705 (301)344-3036
May 24-29	AAAS Annual Meeting. The New York Hilton and the Sheraton Centre, New York	AAAS meetings Dept., 10th floor, 1101 Vermont Ave., NW Washington, DC 20005 (202)842-9530
June 3-8	29th Annual Meeting Health Physics Society. (Hyatt Regency) New Orleans, LA	Diane Taub, Executive Officer, HPS, c/o SASC, 1340 Old Chain Bridge Road, Suite 300, McLean, VA 22101
July 1-6	9th INTERNATIONAL CONGRESS ON PHOTOBIOLOGY (ALSO 12th ASP MEETING) PHILADELPHIA, PA	Dr. James W. Longworth, Secretary-General (9th ICP). c/o American Society for Photobiology, 1340 Old Chain Bridge Road, Suite 300, McLean, VA 22101

<u>Date</u>	<u>Meeting</u>	<u>Contact</u>
July 22-27	10th IUPAC Symposium on Photochemistry Interlaken, Switzerland	Prof. D.C. Whitten (Chairman), University of North Carolina, Dept. of Chemistry, Chapel Hill, NC 27514
July 29-Aug 4	8th International Biophysics Congress Sponsored by the International Union for Pure and Applied Biophysics and the Royal Society of London. Bristol, United Kingdom	Congress Secretariat 8th International Biophysics Congress, Meon Conference Services, Petersfield, Hampshire, GU32 3JN United Kingdom
Aug 12-17	1984 Annual Meeting of the American Society of Plant Physiologists, Davis, CA	Dr. Thomas Moore, Jr. Dept. of Botany, Louisiana State Univ., Baton Rouge, LA 70803
Aug 16-18	Conference on Plant Pyrroles, Ralston-White Retreat Center, Mill-Valley, CA	P. Castel Franco, Dept. of Botany, University of California, Davis, CA 95616
Aug 24-Sept 1	3rd International Congress of the International Federation of Cell Biology. Tokyo, Japan	_____
Aug 25-30	13th International Congress of Biochemistry Amsterdam, the Netherlands	_____
Aug 26-31	5th International Conference on the Photochemical Conversion and Storage of Solar Energy. Osaka, Japan	Prof. H. Tsubomura, Faculty of Engineering Science, Osaka Univ., 1-1 Machikaneyama, Toyonaka, 560 Japan
Aug 26-31	Organic Phototransformations in Non-Heterogeneous Media, Philadelphia, PA	Prof. M.A. Fox, Dept. of Chemistry, Univ. of Texas at Austin, Austin, TX 78712

NEW AWARD

From the American Society of Plant Physiologists.

The Special Awards Committee has recommended that the Executive Committee approve the Hoagland Award.

The Hoagland Award shall consist of \$1,000 prize plus an appropriate engraved plaque and it shall be awarded each 4 years. The plaque shall have an imprint of a picture of Dr. Hoagland. It shall be funded by an endowment adequate to generate \$1,000 each four years. It shall be awarded first in 1985. That provides a total of two years in which to raise the endowment and award the first prize.

In order to begin to offer the prize as soon as is reasonable, the fund raising goal should be for the required endowment plus the amount of the first award. A proposed strategy for fund raising is to approach a number of agricultural products companies requesting that they donate \$1,000 toward the endowment and offering them Patron membership (for one year) for their donation. If the endowment is in place or reasonably near completion by the 1984 annual meeting, the following year can be used to select the first awardee. Selection of the awardee should be an assigned duty of the Special Awards Committee.

Fund raising may be aided by asking Dr. Lowell Lewis, Associate Director, California Agricultural Experiment Station, 317 University Hall, Berkeley, California 94720 for possible California industry contacts. The Cal Aggie Alumni Assoc. hold donations for California Agriculture and they might donate \$1,000. They can be contacted c/o Douglas B. Hartford, Executive Director, Cal Aggie Alumni Assoc., 112 University House, University of California, Davis, California 95616.

CONGRESSIONAL CORNER

My term as a Congressional Fellow began in September. At that time the AAAS organized a two week orientation program to give the fellows some basis for choosing an assignment for the rest of the year. Approximately 40 fellows went through this orientation program, following which they spent the next two weeks picking a Congressional office or a Staff Committee to work with.

I chose to work with the staff of the Subcommittee of Natural Resources, Agriculture Research, and Environment. This Subcommittee is under the House Committee on Science and Technology and has as Chairman, James H. Scheuer of New York City. The Subcommittee has legislative and oversight jurisdiction over health and environmental research in DOE, EPA, and NOAA.

My role in the Subcommittee is to provide scientific expertise on those issues which the Subcommittee has to deal with. I will probably have some responsibility in connection with the re-authorization hearings for DOE and would like to use this opportunity to examine the traditional role played by DOE in supporting research in radiation biology, and to look at differences in the way in which DOE and EPA view their respective mandates in health effects research. Hazardous waste is also an important issue for this Subcommittee and I will be tracking the activities of the various agencies with regard to this problem.

Because of Congressman Scheuer's interest in global population growth, I have been spending a portion of my time on this issue. I have had a unique opportunity to meet a number of the leaders in this field and look forward to attending several International Conferences in the coming year. Currently, I am working on plans for a hearing on the consequences of global population growth from an economic point of view.

For those of you who would like to explore the possibility of spending a year in Washington as a Congressional Fellow, now is the time to apply for such a position. I would be happy to talk with anyone interested in obtaining further information about the program. -- Ronald Rahn

MEMBERSHIP GRANTS PROGRAM FOR UNEMPLOYED MEMBERS

At the November 1983 Meeting, the ASP Council approved a waiver of membership dues, not to exceed a period of one year, for temporarily unemployed ASP Members. Such Members are requested to apply to: DR. BODO DIEHN, Chairman, ASP Grants Committee, EURIMPEX Inc., 4100 E. Howe Road, Bath, MI 48808.

STUDENT TRAVEL AWARDS FOR THE PHILADELPHIA INTERNATIONAL CONGRESS

The Grants Committee will again consider applications for ten Student Travel Awards to the Ninth International Congress/ASP Annual Meeting. An amount of \$2,500 has been appropriated for this program, and amounts 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 Congress. The candidate must be an author of the abstract, and if a recipient of the Award, must present the report at the Congress. The abstract need not be sponsored by a member of the ASP. 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 she or he will ultimately make significant contributions to the area of photobiology. Application forms can 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 16 MARCH 1984. (Please note, however, that the ABSTRACT DEADLINE is 10 February 1984.)

AGAIN, PLEASE NOTE
THE ASP SECRETARIAT HAS MOVED

TO
1340 Old Chain Bridge Road, Suite 300
McLean, VA 22101
Telephone: (703)790-1745

TO AVOID DELAYS, PLEASE SEND ALL CORRESPONDENCE TO THIS NEW ADDRESS.

INTERNATIONAL CONGRESS - ROOMMATE REFERRAL SERVICE

Rooms at the City Line Marriott during the International Congress are \$52.00 per night for single, double, triple or quad occupancy. Therefore, considerable savings may be realized by sharing a room. Persons wishing to utilize a roommate referral service may call Diane Taub at the ASP Secretariat (703-790-1745). This service will operate March 5 - June 8, 1984. The June 8th date is approximately one week before the hotel's June 17 cut-off date for reservations. Please do not call before March 5th. When you call, indicate how many people you wish to share a room with; the dates you will be in Philadelphia; your smoking/non-smoking preferences. As inquiries are received, names and telephone numbers of persons with similar requests will be given out to potential roommates for personal contact. We will assume that a roommate match has been made, and the names and telephone numbers will be removed from the list, unless we hear otherwise. This service is offered for your convenience and neither ASP nor SASC assumes any responsibility.

AMERICAN SOCIETY FOR PHOTOBIOLOGY

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