

Announcements

Optical Methods in Cell Physiology

A symposium on optical methods in cell physiology, organized by the Society of General Physiologists, will be held September 6–9, 1984, at the Marine Biological Laboratory, Woods Hole, MA. Keynote address by Professor Sir Andrew Huxley, PRS. Invited lecturers will discuss image enhancement techniques, optical measurements of membrane potential, intracellular pH, and intracellular [Ca], and photobleaching and photoactivation techniques. The conference will also feature workshops, laboratory demonstrations, and open poster sessions. *Conference program and registration information:* Dr. Robert B. Gunn, Department of Physiology, Emory University School of Medicine, Atlanta, GA 30322. *Note:* on-site housing is limited. *Deadline:* Aug. 1, 1984.

Fulbright Scholar-in-Residence, 1985-86

The Council for International Exchange of Scholars is receiving proposals for the 1985-86 Fulbright Scholar-in-Residence program. Community and junior colleges, 4-year colleges, and universities may submit proposals to invite a scholar from abroad to lecture for an academic year or term in any field of the humanities or social sciences. Two separate competitions are conducted: for institutions that have not had frequent opportunities to receive scholars from abroad as lecturers and are introducing programs with an international perspective on their campuses; and for institutions that have an established international or area studies program. Institutions are asked to provide a supplement to the Fulbright stipend. *Information and proposal forms:* CIES, Eleven Dupont Circle, N.W., Washington DC 20036 (Mary W. Ernst, 202/833-4979 and Robert Burnett, 202/833-4957). *Deadline for proposals:* Nov. 1, 1984.

Rehabilitated Birds Available for Research and Teaching

The Liberty Wildlife Rehabilitation Foundation has several live nonreleasable red-tailed hawks and great horned owls available for research or teaching purposes to persons with appropriate federal permits. *Information:* Susanna Morin, Specimen Disposition, 1222 W. Tyson St., Chandler, AZ 85224.

National Diabetes Research Interchange

The National Diabetes Research Interchange (NDRI) in Philadelphia, PA, is a research support program established to advance the procurement, preservation and distribution of human tissues and organs for biomedical research. NDRI provides investigators nationwide with regular access to both diseased and normal control tissues. Tissue preservation is researcher-specific, and NDRI offers a broad range of processing alternatives, i.e., fresh, snap frozen, cryopreserved. Detailed donor information accompanies all distributed samples.

Researchers are invited to submit tissue requests for **Surgical and Cadaveric Tissues**—including kidney, liver,

pancreas, eye, heart, pituitary, muscle, macrovessels, nerves, placenta, umbilical cord, and gastrointestinal specimens. Fetal tissue is also available. Donor criteria and post mortem time constraints can be accommodated. **Discard Transplant Tissues**—including kidney, pancreas, and liver.

All requests for tissue are subject to peer review. *Information:* James Goldschmidt, Manager of Research Systems, NDRI, 3624 Science Center, Philadelphia, PA 19104. Phone: 215/222-6374.

International Symposium on Peptides and Ion Transport

An International Symposium on Peptides and Ion Transport will be held in Florence, Italy, on April 24-26, 1985. Topics will include peptides-ion transport interactions; role of ions in peptide secretion; modulation of ion transport by messenger peptides and synthetic analogues; peptides and ion transport in cardiovascular function, gastrointestinal and liver function, central nervous system, and renal function: interactions of peptides with drugs in ion transport; and peptide, ion, and receptor interactions. The Scientific Program will feature invited lectures, round tables, oral communications, and poster sessions. *Honorary chairmen:* J. Axelrod (USA) and H. W. Kosterlitz (UK). *Further information, abstract forms, and programs:* Organizing Secretariat, Fondazione Giovanni Lorenzini, Via Montenapoleone 23, 20121 Milan, Italy.

International Congress of Systematic and Evolutionary Biology

The Third International Congress of Systematic and Evolutionary Biology will be held on July 4-10, 1985, at the University of Sussex, near Brighton, England. Symposia topics will include symbiosis in evolution, conservation of tropical ecosystems, biogeographic evolution of the Malay Archipelago, adaptational aspects of physiological processes, coevolution in eco systems and the Red Queen hypothesis, angiosperm origins and the biological consequences, measurement of rates of evolution, molecular biology and evolutionary theory, coevolution and systematics, molecules vs. morphology in phylogeny, random and directed events in evolution, and biochemical innovation in microbial communities. Sessions for contributed papers, films, and poster papers will also be featured. *Information:* Prof. Barry Cox, ICSEB Congress Office, 130 Queen's Rd., Brighton, Sussex ON1 3WE, UK.

ICSU Multidisciplinary Symposium

The First International Council of Scientific Unions Multidisciplinary Symposium will be held in Ottawa, Canada, 25-27 September 1984. Topics are Global Change, Teaching of Science, and Gene Technology. *Information:* ICSU Secretariat, 51 Blvd. de Montmorency, 75016 Paris, France; or National Research Council of Canada, Ottawa, Ontario K1A 0R6, Canada.