

## Pacific Division Meets in San Francisco

Evolution, human sexuality, pets and people, Chinese medicine, and urban entomology were but a handful of the subjects presented and discussed at the 1984 annual meeting of the AAAS Pacific Division.

Meeting participants heard a lively debate, between Yale University paleontologist John Ostrom and Columbia University ornithologist Walter Bock, on the evolution of flight. Ostrom presented the theory that birds began as ground-runners and developed power as flyers. Bock insists that the primitive birds, living in trees at the time of dinosaurs, learned to fly by falling or jumping from trees. While neither school of thought convinced the other, it made for an interesting afternoon.

In two other sessions, attention was focused on two very different kinds of animals. "Pets and People" highlighted the medical and psychological benefits to be derived from having a pet—cat, dog, bird, even fish, while "Urban Entomology" featured such unwelcome companions as fleas, flies, lice, mosquitoes, and spiders.

The meeting's final session was a day-long retrospective on Jacob Bronowski. Jonas Salk, Clifford Grobstein, Gerald Holton, and others recalled their work with "Bruno," and described how Bronowski influenced their careers.

A highlight of the meeting was a standing-room-only public lecture by Linus Pauling. Pauling, a former president of the Pacific Division, discussed human nutrition and his personal adherence to a megavitamin regimen.

Other sessions included those on Cochlear Implants, Comparable Worth, El Niño, Sexual Differentiation of the Brain, Human Origins, and Chinese Medicine.

In its first such action, the Council of the Division endorsed a resolution expressing concern for the health and welfare of Andrei Sakharov and his wife Yelena Bonner. The resolution urges the Soviet government to end the isolation of Academician Sakharov and Dr. Bonner, to allow them to seek medical care of their own choosing, and to allow them to travel abroad.

More than 1100 people attended the 65th annual meeting of the Pacific Division, which was held on the campus of San Francisco State University, from 10 to 15 June. The 1985 meeting will be in Missoula, Montana, from 16 to 21 June.

Copies of the meeting program, including abstracts of most of the papers,

are available for \$3 (plus tax for California residents) from the Division. In addition, audiotapes of the Pauling lecture and 12 symposia also are available for purchase. To purchase the program, or for further information, contact Alan E. Leviton, AAAS Pacific Division, c/o California Academy of Sciences, San Francisco, California 94118.

JOAN WRATHER  
*Office of Communications*

## Renewable Resource Planning Reference Published

In one response to the worldwide need for more effective management of renewable resources, the AAAS this summer will publish "Resource Inventory and Baseline Study Methods for Developing Countries." The book is the result of a 2-year effort to review and report on methods for inventorying renewable natural resources and gathering environmental baseline data in the context of human use of those resources.

The book is addressed primarily to planners and managers concerned with economic assistance programs in developing countries. Its purpose is to explain, in a single volume, current methodologies for renewable natural resource inventories and environmental baseline surveys that are appropriate for strategy planning and project assessment.

It does not concentrate on how to do integrated planning, but rather how to fashion the building blocks which resource planning requires; that is, how to collect, compile, analyze, interpret, and present renewable resource information.

Thirty scientists were involved in the design and drafting of the 600-page volume. Participants were divided into five panels on aquatic ecosystems, soils, plants, wildlife, and synthesis; their approach throughout the study was multidisciplinary with each panel including biological, physical, and social scientists among its members.

The volume was edited by Francis

## To Members in the Biological Sciences

*Science Books & Films* needs your help. For a special issue, *SB&F* will evaluate current biology textbooks for the middle to senior high school levels. If you would like to participate in the evaluations, to be published in the May 1985 issue of *SB&F*, please send a cover letter and your resume to: Editor, *SB&F*, 1101 Vermont Avenue, NW, Washington, D.C. 20005, by 15 September 1984. For further information call 202-842-9563.

Conant, Hunter College; Peter Rogers, Harvard University; Marion Baumgardner, Purdue University; Cyrus McKell, Native Plants, Inc.; Raymond Dasmann, University of California, Santa Cruz; and Priscilla Reining, AAAS.

The book was prepared under the auspices of the AAAS Committee on Arid Lands with Agency for International Development funding, administered by the U.S. National Park Service.

Copies of the book are available, at \$22.95 (\$19.95 for members) from Marketing, AAAS, Tenth Floor, 1101 Vermont Avenue NW, Washington, D.C. 20005.

## Obituaries

**Evan Kenneth Alban** of Columbus, Ohio, member of Section O since 1967, 9 February 1984.

**Ira C. Bechtold** of LaHabra Heights, California, member of Section E since 1971, 14 April 1984.

**Ronald F. Brown** of Laguna Hills, California, member of Section C since 1948, 3 March 1984.

**Harry R. Carns** of College Park, Maryland, member of Section O since 1962, 18 April 1984.

**John Walter Christopher** of Pearl River, Louisiana, member since 1978, 18 April 1984.

**Kenneth S. Cole** of La Jolla, California, member of Section G since 1931, 18 April 1984.

**Joseph B. Cooper** of Pebble Beach, California, member of Section J since 1947, 28 February 1984.

**Bradley Cozzens** of Los Angeles, California, member of Section M since 1967, 2 February 1984.

**William H. Crew** of Tempe, Arizona, member of Section B since 1926, 31 March 1984.

**Frederick M. Deuschle**, professor emeritus of gross anatomy, University of Cincinnati College of Medicine, member of Section M since 1952, 4 April 1984.

**Erling Dorf** of Princeton, New Jersey, member of Section E since 1934, 16 April 1984.

(Continued on page 541)

## AAAS NEWS

(Continued from page 497)

**Alfred Gilman** of New Haven, Connecticut, member of Section N since 1955, 13 January 1984.

**Sol Goodman** of Carolina, Puerto Rico, member since 1983, 29 March 1984.

**Earle C. Gregg** of Chagrin Falls, Ohio, member of Section B since 1968, 13 April 1984.

**John Haller**, Department of Geological Sciences, Harvard University, member of Section E since 1969, 1 May 1984.

**Aziz H. Hamdy**, senior scientist, Upjohn Company, member of Section N since 1965, 25 May 1984.

**Richard S. Holt** of North Waterford, Maine, member since 1979, 27 April 1984.

**Harold R. Hulpieu** of Naples, Florida, member of Section N since 1924, 11 March 1984.

**Milton J. Jena** of Pittsburgh, Pennsylvania, member of Section N since 1959, 29 April 1984.

**C. G. Harry Johnson** of Delaware, Ohio, member of Section C since 1934, 1 April 1984.

**Frances A. Johnston** of Scottsdale, Arizona, member since 1936, 28 May 1984.

**Albert A. Kondritzer** of Lake Worth, Florida, member of Section S since 1981, 29 February 1984.

**Ernest M. R. Lamkey** of Wilmington, Delaware, member of Section G since 1918, 16 March 1984.

**Leah Lowenstein**, dean and vice president, Jefferson Medical College, Thomas Jefferson University, and secretary, AAAS Section N, member of Section N since 1965, 6 March 1984.

**L. Vance McLean**, Nocon Corporation, member of Section M since 1963, 12 April 1984.

**Rocco S. Narcisi** of Bedford, Massachusetts, member of Section W since 1967, 27 March 1984.

**Peter G. Poetto** of Leesburg, Florida, member since 1983, 19 March 1984.

**Flora Murray Scott**, professor emeritus of botany, University of California, Los Angeles, member of Section G since 1925, 24 March 1984.

**Dexter C. Seymour** of Franklin Lakes, New Jersey, member of Section C since 1958, 25 March 1984.

**Michael K. Stafford** of Santa Clara, California, member of Section B since 1978, 19 February 1984.

**Stanislaw M. Ulam** of Santa Fe, New Mexico, member of Section A since 1966, 13 May 1984.

**D. C. Vickers** of Danville, West Virginia, member of Section L since 1973, 8 March 1984.

# Personnel Placement

SCIENCE publishes each Friday, except the last Friday of the year. Advertising is accepted only in writing; no abbreviations. Any deadline in ad must be at least 2 weeks after date of issue in which ad appears. Also, personnel advertising is accepted only with the understanding that the advertiser does not discriminate among applicants on the basis of race, sex, religion, age, color, national origin, handicap, or sexual preference.

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## POSITIONS WANTED

**Biochemist.** Ph.D., University of California, Berkeley, editor, laboratory director; 25 years in basic and clinical research. Teaching biochemistry, nucleic acids, and radiation biology. Seeks academic or industrial position. P.O. Box 366, Portland, Oregon 97207. X

**Embryologist.** Ph.D. Head of successful Human In Vitro Fertilization Laboratory. Seeks position in same field. Academic or private. Box 172, SCIENCE. X

**Entomologist** seeking career change. Academic position or with biotechnology, pharmaceutical, or pesticide company. Extensive research experience, author of two reference books, chapters, reviews, and numerous publications. Specialty in physiology and toxicology with emphasis on insect rearing, mass production, nutrition and dietetics, bioassay of pathogens, hormones and plant toxins; also pesticide evaluation and mode of action. Box 182, SCIENCE. X

**Immunologist.** Ph.D. 1970. University research experience in infectious disease immunology, lymphokines, hybridomas, and clinical immunology. Excellent publications and references. Seeking academic faculty position. Box 176, SCIENCE. 8/3, 10

**Scientist/Program Director.** Ph.D., 20 years of experience, research director, administrator, government and industry relations, administrator, government and industry relations, national/international. Arid and polar lands; environment, reclamation, energy, soils, microbiology, chemistry, microclimatology, field and laboratory. Seeking management/administrative position; academia, industry, government. Prefers West, Southwest, Midwest. Telephone: 312-964-5788. 8280 Janes Avenue, Suite 2A-1700, Woodridge, Illinois 60517. X

## POSITIONS WANTED

**Patent Lawyer,** Ph.D. chemistry, experienced with graduate level biochemistry teaching and research (19 publications). Seeks coastal relocation with biotechnology and patent related work. Box 179, SCIENCE. X

**Physiologist/Endocrinology** in academics or industry. Ph.D. 1976. Experience in isotope dilution, kinetics/metabolism; cell and tissue cultures; development of monoclonal/polyclonal antibodies and RIAs' purification, biochemical and immunochemical characterization of surface receptors, enzymes; chromatography, including HPLC; electrophoresis, PAGE and IF; phosphorylation; crosslinking; large and small animal surgery. Experience: 8 years in clinical laboratory; 8 years in academics (research and teaching). Publications. Box 181, SCIENCE. 8/3, 10

**Sales/Marketing Manager.** Need help marketing your biotechnology/clinical products worldwide? Telephone: 617-492-6200 or write: P.O. Box 464, Norwood, Mass. 02062. 8/3, 10, 17, 24

## POSITIONS OPEN

### ANATOMICAL PATHOLOGY IN ALASKA

The University of Alaska, Fairbanks, WAMI Medical Education Program, offers an exciting and unique opportunity to a talented individual to help teach first year medical school courses for all or part of the 1984/1985 academic year. WAMI is a regionalized medical school with training sites in Washington, Alaska, Montana, and Idaho. The successful candidate will have a demonstrated and continuing commitment to research. Teaching assignments would include pathology and possibly parts of anatomy or cell biology, or microbiology. This is one-year appointment, for the 1984/1985 only, but the incumbent will be eligible to apply for an ongoing tenure-track faculty appointment commencing July 1985. Ph.D. or M.D. required. Excellent benefits. Salary about \$5000 per month at associate professor level. Applications must be postmarked by 22 August 1984. Applicants should send curriculum vitae and names of three references to: **Pathology Search, WAMI Medical Education Program, University of Alaska, Fairbanks, Alaska 99701.**

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### ASSISTANT ADJUNCT PROFESSOR OF SURGERY/OTOLARYNGOLOGY

The Division of Otolaryngology-Head and Neck Surgery at the University of California at San Diego (UCSD) is seeking candidates for a research position. The candidate should have a Ph.D. in auditory anatomy or physiology with demonstrated experience in performing cochlear electrophysiology. Two years of postdoctoral training and experience in teaching at undergraduate and postgraduate levels preferred. Appointment to terminate at the end of grant funding (projected 1985-1988).

Salary is related to rank and step of appointment within the established salary schedule at the UCSD School of Medicine faculty compensation plan. Curriculum vitae should be mailed to: **Jeffrey P. Harris, M.D., Ph.D., Chief of Otolaryngology, Division of Otolaryngology, UCSD Medical Center (H-895), 225 Dickinson Street, San Diego, Calif. 92103.**

Closing date is 17 August 1984.

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**ASSISTANT/ASSOCIATE PROFESSOR** for a tenure-track research position. Responsibilities relate to systems analysis research on conservation agricultural production and/or postharvest systems for developing mathematical, statistical, and stochastic computer models with a team of multidisciplinary scientists. Ph.D. in agricultural engineering or related engineering with background in agricultural systems or agricultural sciences with strong background in mathematics, statistics, and systems analysis techniques. Send curriculum vitae and four letters of reference to: **Dr. Brahm P. Verma, Professor and Head, Agricultural Engineering Department, University of Georgia Experiment Station, Experiment, (Griffin) Ga. 30212; telephone: 404-228-7216.** Closing date is 15 August 1984 or until a suitable applicant is identified.

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