

New Rules for AAAS–Newcomb Cleveland Prize

The AAAS–Newcomb Cleveland Prize, which previously honored research papers presented at AAAS annual meetings, will henceforth be awarded annually to the author of an outstanding paper published from October through September in the Reports section of *Science*. The first competition year under the new rules starts with the 1 October 1976 issue of *Science* and ends with that of 30 September 1977. The value of the prize has been raised from \$2000 to \$5000; the winner also receives a bronze medal.

To be eligible, a paper must be a first-time presentation (other than to a departmental seminar or colloquium) of previously unpublished results of the author's own research. Reference to pertinent earlier work by the author may be included to give perspective.

Throughout the year, readers are invited to nominate papers appearing in the Reports section. Nominations must be typed, and the following information provided: the title of the paper, issue in which it is published, author's name, and a brief statement of justification for nomination. Nominations should be submitted to the Executive Officer, AAAS, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036. Final selection will rest with a panel of distinguished scientists appointed by the Board of Directors.

The award will be presented at a session of the annual meeting at which the winner will be invited to present a scientific paper reviewing the field related to the prize-winning research. The review paper will subsequently be published in *Science*. In cases of multiple authorship, the prize will be divided equally between or among the authors; the senior author will be invited to speak at the annual meeting.

Nuclear Waste Management Seminar Set

In response to a proposal submitted by the Michigan Sierra Club, the AAAS Division of Public Sector Programs will cosponsor a seminar on high-level radioactive waste management with that organization on 8 December.

1 OCTOBER 1976

The program, to be held at the Lansing, Michigan, Civic Center, will include both national and local speakers. The following topics have been identified for discussion:

- Definitions of nuclear waste—how it is generated, different types of waste, and proposed disposal methods.
- Areas of concern in disposal methods, including a review of methods available and a discussion of the Energy Research and Development Administration's (ERDA) timetable for nuclear waste disposal problem-solving.
- Current and projected energy needs in Michigan.
- The decision-making process in nuclear waste management.

Seminar coordinators plan to select speakers from among public interest and citizens groups, public utilities, nuclear power user industries, and local government study groups.

Michigan is currently one of the states actively being considered by ERDA as a final repository for nuclear wastes.

Mass Media Intern Program Accepting Applications

The AAAS Mass Media Intern Program is accepting applications for up to 18 positions available next summer.

The 1977 interns will be chosen from advanced students in the social and natural sciences for placement with a television or radio station, newspaper, or magazine. (While preference is given to graduate students, outstanding undergraduate and postdoctoral students also will be considered.) During the 10-week internships, which usually begin in mid-June, interns will assist in writing, researching, and producing science stories for their respective media organizations.

Applicants should be able to demonstrate substantial breadth and depth in their areas of study and be committed to promoting public understanding and appreciation of science and scientific methods. Prospective candidates must submit the following information to the Coordinator, AAAS Mass Media Intern Program, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, no later than 1 February 1977:

- 1) A letter of recommendation from a faculty member.
- 2) A letter describing professional interests in the natural or social sciences; reasons for applying to the program;

thoughts on how journalism can be improved by an infusion of scientific expertise; perceptions of long-term benefits seen to result from a continuing exchange of ideas between scientists and the media; and preferences, if any, for print or broadcast media and for the geographic location of the internship site.

3) Brief examples of writing, if available.

4) Curriculum vitae.

5) Names of three references, including office and home telephone numbers and addresses.

Applicants will be evaluated by a selection committee composed of experts in the natural and social sciences and the mass media. The committee will make recommendations to the AAAS staff who are responsible for final decisions and for negotiations between the candidates and the host media sites. Candidates will be notified as to the status of their applications by 1 March 1977.

The AAAS Mass Media Intern Program, which was initiated in 1975, is funded by grants from the National Science Foundation and the Russell Sage Foundation.

GRETCHEN VERMILYE
Public Sector Programs

French Association Urges Interaction with AAAS

AAAS representatives L. L. Marton and C. K. Marton, attending the 95th annual meeting of the French Association for the Advancement of Science (AFAS) in Marseille, 5 to 10 July, found their French colleagues anxious to expand exchange efforts between the two groups.

The AAAS representatives met with AFAS officers at a special luncheon session of the meeting to discuss means for enabling lecturers and students to participate in various functions of the two organizations and agreed to encourage members to contact the AAAS Office of International Science, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, if they are planning to be in France. In this way, the Office hopes to supply its French counterpart with names and itineraries of possible AAAS participants in AFAS functions. The Office is particularly interested in identifying travelers who are proficient in the host language.

(Continued on page 111)

AAAS NEWS

(Continued from page 51)

AFAS officers present at the luncheon included president E. Wolff, general secretary J. Verne, deputy treasurer A. Tétry, council member E. Giboin, president-elect R. Taton, and secretary-elect J. L. Parrot.

The Martons were particularly enthusiastic about the Marseille meeting, calling it a "remarkable program" on the theme of "Expansion and the Quality of Life." They gave the following account of the proceedings:

The first two days of the meeting were devoted to invited papers on the general theme. President Wolff's lecture covered a review of the outstanding work carried out by himself and his collaborators in embryology. This was followed by eight lectures on different manifestations of present-day aspects of the possible conflicts between the expansion of populations, . . . material needs, . . . spiritual and intellectual needs, and their influence on the environment. The lectures were notable not only because of their contents and subjects, but by their excellence in presentation. The remaining days saw the presentation of close to 200 contributed papers.

The AFAS, established in 1872, currently has a membership of some 2000 individuals. The next annual meeting is scheduled for June or July 1977 in Rennes. AAAS members planning to visit France at that time are urged to contact the AAAS Office of International Science at the above address.

New Publications

Science and Social Issues: Stimulating Discussion and Involvement, by Richard A. Scribner and Frances Zorn. Available free of charge from the AAAS Office of Special Programs, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, the 50-page illustrated report describes and analyzes an experiment in social issue communication and involvement undertaken during the 1975 AAAS Annual Meeting in New York. The purposes of this experiment were to enhance discussion among the attendees about important social issues, to provide data on the value of the methods used, and to test the suitability of the AAAS meeting setting as a focal point for activities which would lead to regional resource banks of scientists and engineers. A feedback ballot and an electronic dialogue system were the techniques used to gather the information. The ballot consisted of questions about science and society and probed the respondents' interest levels and their preferred modes of involvement.

1 OCTOBER 1976

Personnel Placement

Only those employers and individuals who do not discriminate on the basis of race, sex, religion, age, color, or national origin should submit Personnel Placement advertising.

POSITIONS WANTED: 40¢ per word; use of Box Number counts as 10 additional words. Minimum charge \$10. Prepayment required. This rate applies to individuals only; personnel agencies, companies, colleges, and universities take display rate for all advertising.

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1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Anatomist, Endocrinologist, and Reproductive Physiologist. Ph.D. 1969. Three years of postdoctoral training in female reproduction and 4 years of teaching experience in histology, gross anatomy, cell physiology, and endocrinology. Thirty publications. Seeking senior teaching and/or research position. Box 355, SCIENCE. X

Anatomist. Ph.D. Gross and developmental anatomy and histology. Seven years of teaching experience. Research in ultrastructure of reproduction and development. Seeks academic position. Box 439, SCIENCE. 10/1, 8

Animal Nutritionist/Physiologist. D.V.M., Ph.D. Nine years of research experience, including use of radioisotopes in metabolism, mineral metabolism, neurohormonal studies, pollution study, bacterial and viral work, tissue culture, and so forth. Publications. Seeks research/teaching position. Box 440, SCIENCE. X

Ph.D. Biochemist, Pharmacologist, wide-ranging research background. Expertise in biological membrane, metabolism, enzymology, chemical carcinogenesis, and antimetabolites. Years of industrial experience. Publications. Seeks senior research position in academia-industry-government. Box 441, SCIENCE. X

Biochemist-Chemist. Ph.D. 1966. Broad biochemical research and teaching experience. Publications. Lipid biochemistry, neurochemistry, membranes, proteins, enzymes. Research in diabetes and metabolism. Natural product chemistry. Strong background in analytical methods and radioisotopes. On medical school faculty for last 6 years. Seeks challenging research/teaching position. Box 442, SCIENCE. X

Biomedical Engineer. M.Sc., Ph.D. (England). Extensive experience in effects of ionizing radiation on skin. SEM. Instrumentation. Mechanical properties of bone, cartilage, and gait analysis. Many publications. Seeks research and/or teaching position in United States or Canada. Dr. Ranu, 44 Gresham Road, Osterly, Middlesex, England. X

Laboratory Technician: experienced in supervision of a wide range of analytical instrumentation. Seeking position in Southwest. Box 445, SCIENCE. X

POSITIONS WANTED

For Lease/Sale: Programmable human computer, encased in a rather poor foreign frame but otherwise excellent condition; will throw in licenses (Ph.D., M.Sc., and so forth), preprograms in virology/microbiology/plant pathology, several printouts and testimonials from previous satisfied users/owners. Box 443, SCIENCE. X

Ph.D. Industrial Microbiologist can make contribution to many facets of health, pharmaceutical, agriculture, and food industries. Vaccine production, R & D, federal regulations, quality control. Need opportunity. Box 444, SCIENCE. X

Organic Biochemist. Ph.D. 1966. Enzyme kinetics and reaction mechanisms. Isolation, purification, and amino acid sequence determination of peptides and proteins. Organic syntheses and structural determination of various anticarcinogenic compounds and radioactive enzyme inhibitors. Isolation and purification of cellular components. Familiar with UV, IR, NMR, ORD, CD, MS, various chromatography (paper, TL, liquid, gas, ion exchange), electrophoreses, and immunochemical techniques. Box 446, SCIENCE. 10/1, 8

Physiologist-Histologist: M.S., 1974; experience: 3 years in hospital laboratory, 2 years as research assistant, clinical neuropharmacology; microscopy techniques, neurohistochemical and cytochemical techniques, microdensitometry ACTH bioassay, RIA, clinical laboratory techniques. Industry, research institute, or hospital position preferred. Box 447, SCIENCE. X

Reproductive Physiologist. Ph.D. 1972, academic and industrial experience. Desires teaching position (nonpostdoctoral) in physiology (reproductive or general) or endocrinology. Publications. Box 448, SCIENCE. 10/1, 8

Toxicologist. M.S. in physiology. Four years in pharmaceutical industry. Experienced in all phases of toxicological research. Desires industrial position in toxicology or clinical research. Box 449, SCIENCE. X

POSITIONS OPEN

ASSISTANT CURATOR INVERTEBRATE PALEONTOLOGY

The Department of Fossil and Living Invertebrates invites applications for an assistant curator of invertebrate paleontology. The prime requisite is a strong research orientation in paleobiology, including a demonstrated interest in the systematics of a particular group of metazoans with a rich fossil record and the capacity to apply the results of systematic investigations to problems in phylogenetic reconstruction, evolutionary theory, functional morphology, or theoretical paleoecology. It is further expected that the applicant be active and competent in field investigations and in collecting original materials for research purposes. Other duties include full participation in the department's curatorial program, as well as participation in other normal duties (including the exhibition program) of the curatorial staff of the American Museum of Natural History.

The position will be filled on 1 July 1977. The successful candidate must have the Ph.D. in hand by time of appointment. Applications should include (i) a brief statement of research interests, (ii) curriculum vitae, (iii) complete bibliography, and (iv) three letters of recommendation from persons familiar with the applicant's qualifications. Applications must be submitted by 1 January 1977 to Dr. Niles Eldredge, Chairman, Search Committee, Department of Fossil and Living Invertebrates, American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024.

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ASSISTANT PROFESSOR, BIOLOGY: Coordinator for elementary biology laboratory courses. Develop lab manual, audio-tutorial materials, and software for computer (or other programmed) instruction for 1500 students per semester in 40 lab sections; prepare innovative science education proposals for federal and foundation funding. \$13,000 per academic year, plus 20 percent summer. Start February or August 1977. Send résumé to: A. Eisenstark, Director, Division of Biological Sciences, Tucker Hall, University of Missouri, Columbia, Missouri 65201. An Equal Opportunity Institution.