

changed. Materials on education, employment, research, organizations, and individual scientists will be displayed.

JOAN WRATHER
Office of Communications

More Museum Benefits Announced

AAAS is pleased to announce that the New York Hall of Science is now offering a 10 percent discount on individual and family museum membership to AAAS members in the New York City area. This new benefit is the result of increasing cooperation between AAAS and science and technology centers around the nation, as the Association works toward its goal of increasing public understanding of science. Other museums offering AAAS member discounts include the Museum of Science and Industry in Chicago, the Exploration in San Francisco, the Franklin Institute of Philadelphia, and the Pacific Science Center in Seattle.

The New York Hall of Science, a hands-on science center, features exhibits on "Feed-back"—the world of self-sensing machines; "Seeing the Light"—an exploration of light, color, and illusion; "The Invisible World" of biology; and the mysterious "Realm of the Atom." Museum membership includes a year of unlimited admission, free parking, *Hall of Science News*, book borrowing privi-

leges at the Science Access Center, discounts at the gift shop, discounts on workshops and courses, and free admission to more than 50 science and technology museums around the world. Monthly member events also are included.

AAAS members in the New York City area should be on the lookout for more information coming in the mail this month. Or, contact the Membership Department at the New York Hall of Science, 47-01 111th Street, Corona, New York 11368.

The Association is working to extend this new museum benefit to many other science and technology centers around the country. Watch "AAAS News" for further announcements.

MARLENE ZENDELL
Membership Office

Entries Asked for Behavioral Science Research Prize

Submission of entries in the 1988 competition for the AAAS Prize for Behavioral Science Research is invited. Established in 1952 with funds donated by Arthur F. Bentley, the \$2500 prize is awarded annually for innovative studies and analyses that further understanding of human psychological-social-cultural behavior. The prize is intended to encourage the development and applications of methods for the study of social behavior, using

the logic of observation and explication so fruitful in any scientific endeavor.

Entries should present a completed analysis of a problem, the relevant data, and an interpretation of the data in terms of the assumptions with which the study began.

The winning entry will be selected by a judging committee appointed by the Executive Officer in consultation with officers of the AAAS Sections on Anthropology (H), Psychology (J), and Social, Economic, and Political Sciences (K). The prize will be presented at the 1989 Annual Meeting in San Francisco in January. The prize recipient's travel and hotel expenses incurred in attending the award presentation will be reimbursed.

Unpublished manuscripts and manuscripts published after 1 January 1987 are eligible. The deadline for receipt of entries is 1 August 1988. For entry blank and instructions, write to the AAAS Executive Office.

Amendment to AAAS Constitution Adopted

An amendment to AAAS Constitution Article VI, Officers, Section 2, Administrative Officers, was submitted by mail ballot to the AAAS membership this fall. The amendment proposed changing the last sentence of Section 2 from "Each Section Secretary shall be elected by his or her Section Committee for a

term of four years" to "Each Section Secretary shall be appointed by the Section Steering group for a term of four years." By a vote of 19,070 to 2,495, the amendment was approved. The ratified amendment became effective upon adoption. These results were inadvertently omitted from the election results published in the 1 January 1988 issue of *Science*.

Nomination of AAAS Fellows Invited

The AAAS Executive Office invites groups of three Fellows to nominate AAAS members for election as Fellows, provided that in each instance at least one of the three sponsors is not affiliated with the institution of the nominee. In order to be considered for election in 1989, nominations must be received no later than 10 June 1988. Nomination forms should be requested from the Executive Office at the AAAS address.

A Fellow is defined as "a Member whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished." Examples or areas in which nominees may have made significant contributions are research; teaching; technology; services to professional societies; administration in academe, industry, government, and other institutions; and communicating and interpreting science to the public.

Chairmen and Secretaries of AAAS Sections

MATHEMATICS (A)
Hyman Bass
Lynn Arthur Steen
PHYSICS (B)
Herman Feshbach
Rolf M. Sinclair
CHEMISTRY (C)
Norman Hackerman
Jeanne M. Shreeve
ASTRONOMY (D)
Jay M. Pasachoff
John E. Gaustad
GEOLOGY AND
GEOGRAPHY (E)
George Rapp, Jr.
Helen M. McCammon

BIOLOGICAL SCIENCES (G)
Judith H. Willis
Judith P. Grassle
ANTHROPOLOGY (H)
John E. Yellen
Priscilla Reining
PSYCHOLOGY (J)
Michael I. Posner
William N. Dember
SOCIAL, ECONOMIC, AND
POLITICAL SCIENCES (K)
Peter H. Rossi
William R. Freudenburg
HISTORY AND
PHILOSOPHY OF SCIENCE (L)
Joseph W. Dauben
Arthur L. Norberg
ENGINEERING (M)
Robert F. Cotelllessa
W. Edward Lear

MEDICAL SCIENCES (N)
Helen M. Ranney
Henry Blackburn
AGRICULTURE (O)
Charles O. Gardner
Ralph J. McCracken
INDUSTRIAL SCIENCE (P)
Daniel Berg
Robert L. Stern
EDUCATION (Q)
Rita W. Peterson
Joseph D. Novak
DENTISTRY (R)
Clifton O. Dummett
Marie U. Nylen
PHARMACEUTICAL
SCIENCES (S)
Klaus G. Florey
Betty-ann Hoener

INFORMATION,
COMPUTING, AND
COMMUNICATION (T)
Joyce Friedman
Elliot R. Siegel
STATISTICS (U)
Ramanathan Gnanadesikan
Joan R. Rosenblatt
ATMOSPHERIC AND
HYDROSPHERIC SCI-
ENCES (W)
Robert A. Duce
William H. Beasley
SOCIETAL IMPACTS OF
SCIENCE AND
ENGINEERING (X)
Janice G. Hamrin
Rosemary A. Chalk
GENERAL INTEREST IN
SCIENCE AND
ENGINEERING (Y)
Dael Wolfe
James M. McCullough

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For more information about the activities and publications described in "AAAS News," write to the appropriate office, AAAS, 1333 H Street, NW, Washington, D.C. 20005, unless otherwise indicated.

Following their election, new Fellows will receive certificates, and a list of their names will be published in the Proceedings Issue of *Science*.

A *Directory of AAAS Fellows (1985)* is available from the AAAS Marketing Office at the AAAS address. The price to members is \$9.55 prepaid.

Pacific Division to Meet in Corvallis in June

The Pacific Division of the AAAS will meet on the campus of Oregon State University in Corvallis, 18 to 22 June 1988. Symposia are scheduled on The New Politics of Science; Genesis, Ecology, and Management of Volcanic Soils; Stability and Chaos in Neural Network Learning; The Clarity of Crater Lake: An Ecosystems Study; and The Future of Endangered Plant Species in the Northwest.

Public lectures will include Robert I. Bowman, professor of biology, San Francisco State University, "Darwin's Finches Revisited"; Jacques Gauthier, assistant curator, Department of Herpetology, California Academy of Sciences, "On the Anato-

my of Ancestry: Reptiles? Birds? Mammals? Who's Who?"; and a Botanical Society of America illustrated lecture on Flora of the Cascades and Central Oregon.

The national office will conduct a special, limited-enrollment, workshop, Communicating About Science, designed to help researchers effectively share their work with journalists and the general public. Advance registration is required. In addition, the National Center for Science Education will sponsor a workshop on Communicating Evolution to the Public.

Scientists are invited to present contributed papers in agriculture, biology, earth sciences, ecology, history and philosophy of science, meteorology, oceanography and limnology, psychology, science education, and social sciences. Papers that do not fall into one of these categories will be included in the General and Interdisciplinary Program. Graduate student papers compete for Division monetary and certificate prizes. The deadline for titles and abstracts is 31 March 1988.

Field trips are planned to the Willamette Valley, Columbia River Gorge, Eastern Slope of

the Cascade Range, and to observe Cascade wildflowers, and volcanic soils and landscape. Space is limited; early registration is requested. Social events include a welcome wagon and mixer and a Sunday evening reception. The Division's banquet will feature an address by Division President Orrin E. Smith, director, Extension Service and associate dean, College of Agricultural Sciences, Oregon State University.

For more information, including registration fees and meal/room packages, write to Alan Leviton, executive director, Pacific Division, AAAS, California Academy of Sciences, Golden Gate Park, San Francisco, California 94118 (telephone 415-752-1554).

Participation of Women and Minorities in Science on Decline

After years of rapid growth, the participation of women in the student population in science and engineering has not only reached a plateau, but in many areas is actually dropping.

While the growth of non-Asian minorities in these fields was much smaller during the 1970s, that growth too, has stopped and in some cases is declining. However, women continue to increase their participation in many of the professional fields including the medical areas, business, accounting, and law; and minorities also show small gains.

These and other trends appear in a new edition of *Professional Women and Minorities*, published by the Commission on Professionals in Science and Technology.

Data from the book indicate:

- Decreasing interest in engineering by women, and little progress for non-Asian U.S. minorities.

- In most fields of science, the percentage of women and minorities among bachelor's graduates already has peaked. For example, the proportion of women among bachelor's graduates in the geological sciences rose from 11 percent in 1971 to 25 percent in 1980, but dropped one percentage by 1986.

From 1979 to 1985, the percentage of blacks among new bachelor's graduates in science dropped from 6.4 percent of the total to 5.6 percent. Hispanics dropped from 3.3 percent to 2.7 percent, Native Americans remained steady at 0.4 percent, while Asians rose from 2 to 3.2 percent.

- The number and proportion of women earning professional degrees in business, law, medicine, and pharmacy continue upward, but growth has slowed in all of these fields, and women do not yet constitute a third of the graduating classes except in law (38.5 percent) and pharmacy (54.3 percent). Blacks, who are 12 percent of the population, now earn 5 percent of medical degrees, but less than 4 percent of those awarded in law and business. Hispanics earn less than 3 percent of professional degrees in any field, although they are a growing 7.8 percent of the U.S. population.

- At the doctoral level, the

Soviet Scientists to Speak at Annual Meeting

A delegation of prominent Soviet scientists, led by Yevgeny Velikhov, vice president of the Academy of Sciences of the Soviet Union, will participate in the Annual Meeting.

In noting the importance of this exchange, Alvin W. Trivelpiece, AAAS executive officer, said, "I am delighted that Academician Velikhov accepted my invitation to organize a special symposium on a number of important areas of research in the Soviet Union."

The Soviets will be featured in a daylong symposium, "Soviet Science," on Sunday, 14 February. In addition, Velikhov will deliver a public lecture at 1:00 p.m. that day.

This is the first time in recent years that a group of such high-ranking scientists has traveled to the United States to participate in an open scientific meeting.

The Soviets will be speaking on a broad range of topics from solid-state physics to biotechnology to military-political research. In addition to Velikhov, other speakers will include: Zh. Alferov, director, Ioffe Physical-Technical Institute; Yu. Buslayev, director, Institute for Chemical Physics; A. Derevyanko, director, Institute for History, Philology, and Philosophy; L. Faddeyev, director, Leningrad Branch of Steklov Mathematical Institute; K. Frolov, vice president, Academy of Sciences; A. Galeev, chief of department, Institute for Space Research; M. Ivanov, director, Institute for Microbiology; A. Kokoshin, deputy director, Institute for USA and Canada Studies; Yu. Osipian, director, Institute for Solid State Physics; A. Skriskiy, director, Institute for Nuclear Physics; K. Skryabin, chief of laboratory, Institute for Molecular Biology; and E. Sokolov, head, General Biology Section, Academy of Sciences.

In addition to speaking on Soviet science, individual Soviet scientists will attend and participate in numerous other of the 130 sessions at the Annual Meeting.