

of government to another. Although there are presently 42 federal employees on assignment with state agencies and 25 state employees working in federal agencies, Ellis will be the first exchange in the area of science policy.

In his position, Ellis plans to work with the national scientific bodies to make their technical knowledge available to state and local governments. One proposal, which is now under consideration to accomplish this aim, requests the National Academy of Sciences to use Maine as a prototype in expanding the services the NAS renders to federal agencies and foreign countries to state administrations and legislatures.

Applications invited for East European travel

The National Academy of Sciences is inviting applications from American scientists wishing to visit the USSR, Bulgaria, Czechoslovakia, Hungary, Poland, Romania or Yugoslavia for varying periods during the 1973-74 academic year. Applicants must be US citizens and must have a doctoral degree or its equivalent in physics, biology, behavioral science, mathematics

or engineering by the time of the intended visit.

The deadline for applications is 22 November; however preliminary inquiries by mail or telephone should

reach the office of the NAS foreign secretary by 8 November. The address is: National Academy of Sciences, Office of the Foreign Secretary (USSR/EE), Washington, D.C. 20418.

in brief

The American Institute of Physics Handbook, edited by Dwight E. Gray and published by McGraw-Hill, is now available. Until 1 November the AIP member price is \$39.50 and for others \$49.50. After 1 November the price is \$49.50 for all. Order from Emily Wolf, Manager Special Society Services, AIP, 335 E. 45 St., New York, N. Y. 10017.

The Princeton Particle Accelerator, headed by Milton G. White, was closed on 12 April and placed in a standby condition. Since the middle of 1971 PPA has been studying the physics and radiobiology of heavy ions for cancer therapy.

Nominations for the American Carbon Committee's George Skakel Memorial Award and the Charles E. Pettinos Award, each for \$1000, must be received by 31 October. Nomination forms are available from P. L. Walk-

er Jr, Department of Material Sciences, The Pennsylvania State University, University Park, Pa. 16802.

The General Advisory Committee to the US Atomic Energy Commission is soliciting nominations for the 1973 Ernest Orlando Lawrence Memorial Award. The award is presented to no more than five individuals in one year in amounts of not less than \$5000 or more than \$25 000. Nominations should be sent to the Chairman, General Advisory Committee, US Atomic Energy Commission, Washington, D. C. 20545 by 1 October.

1969-70 *Oak Ridge Workshops for Faculty Administrators of Traditionally Negro Institutions*, a report prepared by W. W. Grigorieff for Oak Ridge Associated Universities, is available free from: P.O. Box 117, Oak Ridge, Tennessee 37830.

the physics community

Margaret Burbidge elected AAS vice-president

E. Margaret Burbidge, director of the Royal Greenwich Observatory in Sussex, UK, has been elected vice-president of the American Astronomical Society. Bart J. Bok, formerly president-elect, has become president of AAS. Burbidge is an authority in observational astronomy and spectroscopy and is the first woman director of the Greenwich Observatory. Elected to the AAS Council were David Crawford, of Kitt Peak National Observatory, Frank Kerr of the University of Maryland and Sidney van den Bergh of the David Dunlap Observatory of the University of Toronto.

Experimenters wanted for astronomical satellite

NASA, the Science Research Council of the UK and the European Space Research Organization have issued a joint announcement of the opportunity for participation in the proposed astronomical satellite, International Ultra-

violet Explorer (IUE). This satellite, which will be operated primarily for guest observers, is intended to secure spectroscopic data for a wide range of celestial objects over the spectral range of 1130 to 3360 Å with selectable nominal resolutions of either 0.15 Å or 6.5 Å.

Further information and copies of the announcement may be obtained from Albert Boggess, Code 672, Goddard Space Flight Center, Greenbelt, Md. 20771.

Program aids jobless in Massachusetts

The ATP (Association of Technical Professionals) Education Fund Inc, a nonprofit organization, has initiated a 6-month pilot program to reduce unemployment among technically trained people in Massachusetts by placing them in fields where they would not ordinarily have worked. Headed by Mike Kolker, the program was recently awarded a \$36 000 contract by the Massachusetts Department of Commerce and Development.

The ATP Education Fund was formed by the Association of Technical

Professionals—a coalition of scientists and engineers, both employed and unemployed, working together to improve their status and employment opportunities. For further information write to ATP, Box J, Wayland, Mass. 01778.

Sigma Pi Sigma chooses Shugart as president

Cecil G. Shugart is the newly elected president of Sigma Pi Sigma, the national physics honor society. He succeeds Donald J. Tendam of Purdue University who was elected president in 1970. Shugart became the first director of the Society of Physics Students when the group was formed through the union of AIP Student Sections and Sigma Pi Sigma in 1968. He left the Society of Physics Students in 1970 to become head of the physics department at Northeast Louisiana University and will continue there while Sigma Pi Sigma president.

After having taught college physics for several years, Shugart returned to graduate school at the University of Texas and received his PhD in 1968. □