

Academies of Science Offer Exchange Visits to Americans

American scientists can apply for exchange visits to Eastern Europe during the 1970-71 academic year. The National Academy of Sciences is inviting applications for visits to the Soviet Union, Czechoslovakia, Poland, Romania or Yugoslavia. Under agreements with the various academies of science, Americans may visit for one or more months for familiarization with current scientific research or for 3-12 months to conduct research.

Applicants must be US citizens and have a doctorate or its equivalent in

physical, biological or behavioral sciences, mathematics or engineering. All necessary expenses will be met by the NAS and the foreign academy, including reimbursement for salary lost, up to \$1500 per month, during a visit of three or more months and transportation for families for visits of five or more months. Applicants should apply for one country only.

The deadline for applications (to National Academy of Sciences, Office of the Foreign Secretary (USSR/EE), Washington, DC 20418) is 24 Nov.

Draft Affects 12.6% of Physics Graduate Students

The draft cut deeper into physics and astronomy departments during the 1968-69 academic year. Although it caused a negligible drop (less than 1%) in fall-1968 enrollments, the draft affected 12.6% of the 3335 first- and second-year students surveyed this spring by the American Institute of Physics for the Scientific Manpower Commission.

128 (66%) of the 194 PhD-granting institutes responded to the survey, giving data on 4247 of the estimated 5878 first- and second-year students. 912 were foreign students and not subject to the draft. Of the remaining 3335, 14.8% of the 1670 first-year students and 10.3% of the 1665 second-year students were drafted or had received induction notices effective at the end of the semester. Almost half of the students were eligible for the draft (PHYSICS TODAY, March 1969, page 65). In chemistry, 15.8% of the surveyed 3824 first- and second-year students were drafted and in psychology 10.8% of 2410.

L. W. Fredrick Named AAS Secretary; McVittie Resigns

George C. McVittie, professor at the University of Illinois Observatory, resigned as of 13 Aug. as secretary of the American Astronomical Society, after holding the office for the past eight years. The AAS council appointed Laurence W. Fredrick as act-

ing secretary until the end of McVittie's term in June 1970. Fredrick is professor and chairman of the astronomy department at the Leander McCormick Observatory at the University of Virginia.

Three new AAS offices were filled in the first election held by the new AAS Division of High-Energy Astrophysics (PHYSICS TODAY, October 1968, page 67). Elected were: Kenneth Greisen of Cornell University, chairman; William L. Kraushaar of the University of Wisconsin, vice-chairman and A. G. W. Cameron of Yeshiva University, secretary-treasurer.

Jarus Quinn Fills New OSA Post of Executive Director

Jarus W. Quinn was appointed to the newly created office of executive director of the Optical Society of America, as of 1 Sept. As head of internal operations, Quinn takes over some of the major responsibilities from Mary Warga, executive secretary since inception of the executive office in 1959.

The new position will help to meet the demands of increasing membership and scientific meetings. In the last ten years, OSA membership has more than doubled and now totals 5815; publication of three new journals has been initiated and the number of local sections has risen from 7 to 17.

Quinn, formerly a professor at Catholic University, will manage the executive office, arrange scientific meetings and be a liaison between the OSA board and its technical council and

standing committees. Warga continues to oversee the local sections and organize new ones, develop promotional material and be a liaison to other societies, outside institutions and funding agencies.

An OSA ad hoc committee recently initiated publication of two resource letters, one on colorimetry by Gunter Wyszecki and one on radiometry by Fred E. Nicodemus. These are available as reprints from the *Journal of the Optical Society of America* (59, 2 and 3 respectively). Patterned after the resource letters of the American Association of Physics Teachers, the OSA letters give a briefly annotated reference of representative literature on each subject.

Bromley Heads Academy Physics Survey Committee

A new National Academy of Sciences Physics Survey Committee is being organized with D. Allan Bromley, director of the Wright Nuclear Structure Laboratory at Yale University as chairman. Bromley hopes that the new survey will have a much broader scope than the last one (PHYSICS TODAY, April 1966, page 23), which was conducted during 1964 and 1965 by a committee headed by George E. Pake.

AIP Corporate Associates To Discuss Federal Support

The annual meeting of Corporate Associates and Society Officers of the American Institute of Physics will be held 29 Sept. at the Carnegie Endowment International Center and 30 Sept. at Rockefeller University.

The Monday session will feature a panel discussion on the character of federally supported research in universities, moderated by Emanuel R. Piore, vice president and chief scientist at IBM. The members of the panel include Leland J. Haworth of Associated Universities, Inc, Robert A. Frosch, Assistant Secretary of the Navy, Research and Development, and Jay Orear, professor at Cornell.

Tuesday's schedule will offer talks by A.G.W. Cameron (Belfer Graduate School of Science, Yeshiva Universi-