

largely by trying to reduce production costs. Use of in-house typewriter composition, which was started in 1970 will be broadened during 1973 to include *The Journal of Chemical Physics* and *Physics of Fluids*. The *Journal of Applied Physics* and *Applied Physics Letters* are currently typeset by this method. Some printing costs will be reduced by a switch from letterpress to web offset printing for the *Physical Review* midway through the year.

In spite of all the retrenchment, some of AIP's activities have been expanding. The Manpower Division is conducting the American Physical Society-American Institute of Physics register, which will serve both as a replacement for the now defunct National Register and as a source for information for a directory of physicists and members of AIP member societies. The new register is being funded primarily by AIP and APS with several other member societies contributing. Also, the AIP advertising department expects advertising revenue to go up between 5 and 10% over last year, and sales of the two new Soviet translation journals, *Particles and Nuclei* and *Quantum Electronics* are expected to increase in 1973.

Wu will become APS president in 1975

Chien-Shiung Wu, Pupin Professor of Physics at Columbia University, has been elected vice-president elect of the American Physical Society. She is the first woman to have been elected to the position and will be the first woman to have been president when, in 1975, she assumes the post. The vice-president for 1973 is Wolfgang K. H. Panofsky, director of the Stanford Linear Accelerator Center, who was elected last year and who will be president next year. The president of APS for 1973 is Joseph E. Mayer of the University of California, San Diego.

Wu was born in Shanghai, China, received her BS from National Central University in China and earned her PhD at the University of California, Berkeley. At Columbia since 1944, she is a nuclear physicist and is known for her work in beta decay and weak interactions, particularly for leading the group that performed the experiment proving parity is not conserved in weak interactions. The new vice-president elect is a member of the National Academy of Sciences and an Honorary Fellow of the Royal Society of Edinburgh.

Elected as APS councillors-at-large were Peter L. Bender, Morton Hamermesh and Brian B. Schwartz. Bender is a staff member of the National Bureau of Standards Laboratory



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Astrophysics Division and serves as professor adjoint in the department of physics and astrophysics at the University of Colorado. Hamermesh is professor and head of the school of physics and astronomy at the University of Minnesota in Minneapolis. Hamermesh was on the Commission on College Physics and is an editor of the *Journal of Mathematical Physics*. Schwartz is an associate professor of physics at MIT. He was instrumental in establishing the Forum on Physics and Society of the APS and played a role in the formation of the Scientists and Engineers for Social and Political Action.

1973 survey of physics manpower is underway

Questionnaires for the American Physical Society-American Institute of Physics 1973 Register, a survey of physicists and other members of AIP societies, have been sent out to about 85 000 individuals in the US and abroad. The survey will take the place of the now-defunct National Register in that it will provide an overview of the current status of physicists and those working in related fields, but it will be more oriented toward the specific needs for data on the physics community and will include questions on publication, meeting activities, employment and other background. The register data will also be used to compile directories of AIP member societies and of physicists in general.

Beverly Porter, who is conducting the survey from AIP's Manpower Division, said that some of the questionnaires have already been returned. She expects the return rate to exceed the 75% return rate of the old National Register, largely because the survey is being carried out by the physics community itself and because physicists are aware of the importance of main-

taining statistical data on the profession as a whole.

The questionnaire is divided into two parts that will be stored in separate computer files for analysis. The first part contains name and address information and will be used in making up the directories. The second part deals with education, employment, scientific and society activities and demographic background and will be coded and stored in the computer file without the respondent's name. This second part, called the statistical file, will be used to prepare an analysis of the current economic and scientific status of the physics and related sciences community. The analysis will include such information as the distribution of physicists among subfields, types of employment and minority groups.

AAS forms group to aid education of public

The American Astronomical Society has formed a Task Group for Education in Astronomy in order to encourage the appreciation of astronomy by the general public, to popularize astronomical subjects and to alert astronomers to the necessity of furthering public education in astronomy. The task group is not a committee, but rather it consists of a group of individuals who have accepted specific tasks.

The group is headed by the education coordinator, Donat G. Wentzel of the University of Maryland and Gerrit Verschuur of the National Radio Astronomy Observatory. They are now trying to implement programs of public education in astronomy outside of the educational institutions. Currently underway are programs to introduce astronomy in the national parks and in those planetariums where there is presently no teaching program for the public.

Others who are working as members of the task group are Kenneth L. Franklin of the Hayden Planetarium in New York and William J. Kaufmann of Griffiths Observatory in Los Angeles, who will notify news media of developments in astronomy. The AAS task group will also work to place articles on teaching astronomy in education journals, to prepare a list of teaching resources for astronomy and to get more astronomy included in high-school science curricula. Those interested in these programs are invited to write to Verschuur at NRAO, Charlottesville, Va. 22901.

Another activity of AAS, to be run through the society's executive office, is the visiting-professors program. Funds for this program have been terminated by the NSF, but it will be continued with voluntary service by professors and funding by the society. □