

Miscellany

The Office of Ordnance Research has initiated an application form for use in submitting proposals for research funds. This form is an outgrowth of material needed by OOR for the administration of its research program and needed by university business offices for their records. Interested individuals who wish to undertake projects in ordnance basic research may obtain these application forms by writing to the Office of Ordnance Research, US Army, Box CM, Duke Station, Durham, North Carolina, and requesting Form CS-51.

A prize consisting of a gold medal having an intrinsic value of 400 guilders or that amount of cash (about \$104) has been offered by the Directors of Teyler's Foundation and the Members of Teyler's Second Society (Haarlem, Netherlands) for the best essay on "the absolute relations, on time and space, between actual events, as brought to light by the theory of Einstein, and the interest which the new insights concerning these might have for views in other domains of knowledge". The closing date for submitting manuscripts is January 1, 1957. Additional details can be obtained by writing to: Messrs. Directeuren van Teylers Stichting, Fundatiehuis Damstraat 21, Haarlem, Netherlands.

Budget Message

The federal budget for the 1947 fiscal year, submitted to Congress by the President in January, includes a number of topics of significance to science, of which perhaps the most outstanding has to do with the National Science Foundation.

"Because of the direct importance of basic research to our defense program and our national welfare and economic progress," President Eisenhower said, "this budget proposes a substantial increase in federal support of general-purpose research and education in the sciences. This increase is considered by our national security and scientific research agencies to be vitally necessary. Even with this added support, basic research will constitute less than 10 percent of the government's annual investment in research and development.

"For these reasons, I recommend that the appropriation for the regular activities of the National Science Foundation be substantially increased from 16 million dollars in the current fiscal year to 41 million dollars in the fiscal year 1957. This will enable the Foundation to extend an additional 13 million dollars of support to meritorious basic research projects in colleges and universities; will provide 7 million dollars for the con-

struction of special-purpose facilities needed for basic scientific research, including the nation's first major radio astronomy center; and will make available an additional 5 million dollars for expanding the Foundation's experimental program designed to improve science teaching in our schools and colleges and to encourage a greater number of able students to enter careers in science.

"A supplemental appropriation for the Foundation of 28 million dollars will be required in the current year to complete financing of the United States program for the International Geophysical Year. The additional amount is mainly for the earth-circling satellite project, in which the Department of Defense is also participating.

"Also fundamental to science," the President added, "is the work of the National Bureau of Standards. Increased expenditures of 4 million dollars are recommended in the fiscal year 1957 to strengthen research in the physical sciences and to plan new buildings to replace present inadequate research facilities."

The bulk of the requested funds for research and development are for the Defense Department: \$1.43 billion. This compares with an estimated expenditure of \$1.37 billion during the current fiscal year.

The requested atomic energy budget for 1957 is \$1.945 billion as compared with an estimated expenditure of \$1.715 in the fiscal year 1956.

Kapitza Named JEPT Editor

According to an announcement in the November 1955 issue of the *Journal of Theoretical and Experimental Physics of the USSR*, the editorial staff of the journal has been changed. Beginning with the December issue, the editor-in-chief is Academician P. L. Kapitza, who has long been recognized as one of the leading physicists of the Soviet Union. The associate editor is E. M. Lifshitz, who is known to American physicists for his many textbook collaborations with L. D. Landau (e. g., "Classical Theory of Fields," "Statistical Physics").

The new editorial board also includes several other physicists well known to Americans. Holdovers from the previous board are E. L. Feinberg, who has done extensive work in mathematical physics, and V. P. Peshkov, the discoverer of second sound in liquid helium. New members include A. I. Alikhan'ian (cosmic rays), Academician N. N. Bogoliubov (statistical methods in physics, theory of nonlinear systems), Academician V. A. Fock (Hartree-Fock self-consistent fields), V. E. Lashkarev (electron diffraction, semiconductors), B. G. Lazarev (properties of superconductors under high pressures), and M. G. Meshcheriakov (high-energy nuclear physics). The personnel of the new board of editors suggests a vigorous effort to maintain the output of the *Journal of Experimental and Theoretical Physics* on a high scientific level.

American physicists should be aware that this journal is now being translated in entirety by the American In-