
Miscellany

Facilities

Swarthmore College intends to construct a \$1.8 million science building with the help of a grant from the Longwood Foundation, a nonprofit corporation endowed by the late Pierre S. du Pont. Different wings of the proposed building will house the physics and chemistry departments (each complete with laboratories, classrooms, and faculty offices), the mathematics department, a science library, and a 200-seat demonstration lecture hall. Independent faculty research will be encouraged by the provision of private laboratory spaces adjoining faculty offices. Completion of the structure is expected by the early fall of 1959.

Tulane University has announced a \$26 million science building program as part of its projected 10-year, \$96 million fund-raising program. Plans include new science buildings; expansion, renovation, and equipping of existing science facilities; and establishment of a \$13 million restricted endowment fund to provide earnings for continued maintenance.

Atomics International, a Division of North American Aviation, Inc., has announced a \$1.25 million building program to expand nuclear field laboratory facilities in the Los Angeles, Calif., area. The project calls for the construction of six buildings and the support of site improvements and is expected to be completed before the end of the year. The new facilities will include a \$500 000 experimental facility for studying and testing nuclear reactor cores, a \$240 000 organic laboratory for developmental studies in connection with organic moderated power reactors, a \$160 000 sodium laboratory, and storage and warehousing facilities.

Fulbright Program

US Government grants for university lecturing and advanced research in other countries, awarded under the Fulbright Act, will again be available for the 1959-60 academic year. Applicants must be US citizens, and to be eligible for lectureships they must have had at least one year of college or university teaching experience. Applicants for research scholar awards must have a doctoral degree or recognized professional standing. In some cases a knowledge of the language of the host country is required. Awards are issued for one country only and applicants should specify a first choice and may list one alternative country. The following Fulbright awards are among those listed as being available for the coming year:

Austria

University of Innsbruck, Institute of Theoretical Physics. Specific topics of lectures (in German) to be arranged between grantee and the Institute.

Research scholarships in the physical sciences will also be made. A working knowledge of German is required.

Belgium and Luxembourg

Institut Inter-Universitaire des Sciences Nucléaires. A senior scholar is requested to lecture at four Belgium universities.

University of Liège has an opening for a research scholar in astrophysics.

China

Lecturing awards in basic science are available at National Taiwan University, Provincial Normal University, National Tsing Hua University Institute of Nuclear Science, and Taiwan Provincial Cheng Kung University.

Denmark

Århus University has a research position for either a theorist interested in nuclear or solid-state many-body problems or an experimentalist specializing in beta spectroscopy.

The Technical University of Denmark desires a specialist in nuclear nonferrous metallurgy.

Finland

The University of Helsinki has a lectureship open for a physicist who has had experience working with a van de Graaff accelerator.

A lectureship in experimental nuclear physics and/or reactor technology is available at the Finland Institute of Technology.

France

Lecturers have been requested as follows:

Aix-Marseille, Faculté des Sciences. Theoretical physics, particularly quantum field theory.

Besançon, Faculté des Sciences. Quantum mechanics applied to the solid state.

Lyon, Ecole Nationale Supérieure de l'enseignement technique. Physics of vibrations and servomechanisms.

Collège de France, Paris. Research scholars in biophysics and high-altitude studies are requested.

A short-term grant in theoretical physics is offered for the summer seminar at Les Houches. Knowledge of French is desirable.

Germany

Five full awards and two partial grants will be made to lecturers and five awards to research scholars in natural and applied science.

Ireland

Dublin Institute for Advanced Studies, School of Theoretical Physics has openings for a visiting lecturer in theoretical and cosmic-ray physics and a research scholar specializing in cosmic rays.

Israel

Weizmann Institute of Science has an opening for a research scholar in mathematical physics.

Italy

Universities of Rome and Naples. One lectureship in nuclear physics. Also additional lectureship in nuclear physics at Universities of Padua, Bologna and/or Milan.