

use in the university's expanding program in nuclear engineering. The laboratory's largest piece of equipment is a subcritical nuclear assembly of the "pickle barrel" type, which is powered by \$80 000 worth of uranium on loan from the Atomic Energy Commission. Other facilities include a counter room for measuring and analyzing radioactivity, a reactor heat transfer research laboratory, and a machine shop. George Lepert, of Stanford's Mechanical Engineering Department, heads the new laboratory, which is located in the Ryan High-Voltage Laboratory building.

The December meeting in Paris of the heads of government of the North Atlantic Treaty Alliance resulted in agreement that NATO should have competent guidance in scientific matters to reduce needless duplication of effort and to ensure closer scientific collaboration among member states. In line with that decision, Norman F. Ramsey, professor of physics at Harvard University, has been named science adviser to Secretary General Paul-Henri Spaak of NATO. In addition, Dr. Ramsey will serve as chairman of the organization's new Science Advisory Committee, consisting of scientists representing NATO's member nations, which was also agreed upon in December. The United States has appointed Nobel laureate I. I. Rabi to be the US representative on the Committee. Dr. Rabi, who has been Higgins professor of physics at Columbia University since 1951, is also a member of President Eisenhower's Science Advisory Committee.

Grants and Fellowships

The US Government has again announced that it will award grants under the Fulbright Act for university lecturing and advanced research. To be eligible an applicant must be a US citizen and, in some cases, must have a knowledge of the language of the host country. For lecturing, at least one year of college or university teaching experience is a requisite, and for research, a doctoral degree or recognized professional standing is necessary. Candidates for the doctoral degree should apply to the Institute of International Education, 1 East 67th Street, New York, N. Y. Awards are issued for one country only and applicants should specify a first choice and list one alternative country. Fulbright lectureships and advanced research awards in physics for the 1959-60 academic year have been listed for Argentina, Chile, India, and New Zealand. Under an interim program for 1958-59 a physics lectureship will be available in Ireland. Closing date for application is April 25 and the necessary forms and additional information are available from the Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Ave., Washington 25, D. C.

In addition, grants under the Smith-Mundt Act will be available for lecturing abroad in approximately forty countries which do not participate in the Fulbright Program. These grants are made available in re-

sponse to requests submitted by interested institutions abroad to the Department of State through its Foreign Service Posts. Eligibility consists of US citizenship, and recognized standing as a mature scholar in the field of choice with at least one year of experience teaching on the university level in the US or abroad. In some cases, knowledge of the language of the host country is also necessary. Those interested should register with the Conference Committee, from whose register requests of the State Department will be filed.

The Organization of American States will soon begin an undertaking designed to help individual specialists as well as the OAS member states. A new fellowship program, recommended by the Inter-American Committee of Presidential Representatives, will begin on July 1 and will offer grants for advanced study or research to specialists throughout the Western Hemisphere. Qualified persons who are looking for an opportunity to do pure research, improve their professional skill through a postgraduate course, or enroll in an advanced technical course may apply now to the program. By offering advanced study abroad, the OAS hopes to increase the individual's contribution to his country of residence.

Applicants will be screened by the OAS General Secretariat for technical or professional competence, including consultation with specialists in the given field. Awards will be made by the Secretary General of the OAS, taking into account the preferences expressed by the member states according to the fields of their most urgent needs, as well as the merits of each candidate. Over the years, the Secretary General will maintain a balance in the distribution between the number of fellowships available and the needs of the member states. Upon completion of their study, fellowship holders must return to their country of permanent residence.

According to the decisions made by the OAS Council the program contemplates approximately 170 fellowships for 1958-59 and a minimum of 500 annually in the future. Grants will be made for periods ranging from three months to two years, covering such items as travel, registration and tuition fees, study or work materials, and room and board.

Dr. Javier Malagón has been appointed Technical Secretary of the Fellowship Program by the Secretary General of the OAS, Dr. José A. Mora. Interested persons should address their inquiries and requests for necessary forms to: Technical Secretary, OAS Fellowship Program, Pan American Union, Washington 6, D. C.

Science Education

A plan to stimulate science teaching in the high schools by sending specially trained "traveling teachers" on lecture-demonstration tours has been adopted by three states: Georgia, South Carolina, and Tennessee. The states are undertaking this activity through the Oak Ridge Traveling Science Demonstration Lecture