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none was detected in this experiment is interpreted as an indication of the existence of a state intermediate between the reacting neutron and the V^0 itself.

Grants and Fellowships

Fulbright awards for university lecturing and advanced research for the academic year 1954-55 in Europe, the Near East, Japan, and Pakistan will be made this autumn. Applications must be postmarked no later than October 15, 1953. This competition is specifically for university lecturing and postdoctoral-level research. Graduate students desiring to enroll for courses abroad or to pursue a directed program of studies at the predoctoral level should apply to their local Fulbright advisor or directly to the Institute of International Education, 1 East 67th Street, New York City. Application forms and additional information are obtainable from the Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Avenue, Washington 25, D. C. Countries participating in the program include the United Kingdom and its colonial dependencies, Norway, Sweden, Finland, Denmark, the Netherlands, Germany, Austria, France, Belgium and Luxembourg, Italy, Greece, Iraq, Pakistan, Egypt, and Japan.

The research and fellowship program of the Shell Oil Company for 1953-54 will include fourteen grants for fundamental research and forty-eight graduate fellowships in chemistry, physics, geology, and related fields. The fellowships carry stipends of \$1500 plus tuition and a \$400 allowance for research expenses, with the recipients to be chosen by their colleges or universities. Schools receiving 1953-54 grants are Caltech, Carnegie Tech, Harvard, Princeton, Yale, Stanford, MIT, and the Universities of Chicago and Rochester.

Summer Study

The Special Training Division of the Oak Ridge Institute of Nuclear Studies will present an advanced course on the clinical applications of radioisotopes from September 14 to 25, 1953. The course is designed especially for physicians with radioisotope experience and will consist of lectures, clinics, and equipment exhibits. Information and application blanks may be obtained from the Special Training Division of the Institute, P.O. Box 117, Oak Ridge, Tennessee.

An Infrared Spectroscopy Institute will be held at Fisk University, Nashville, Tennessee, during the week August 31-September 4, 1953. The Institute is designed to provide an introduction to infrared spectroscopy for scientists, in particular chemists and biochemists, who may find the subject useful in their teaching and research. Mornings are to be spent in lectures and discussions, and laboratory work will be done during the afternoons. The tuition fee is \$25 (\$12.50 for students) and inexpensive housing and meals are available at the University. Complete information may be obtained from Dr. Nelson Fuson of Fisk University.