

in this irradiation, but the source can stand for a time before shipment to allow the short-lived isotope to decay. The approximate activity of the antimony-124 available is 2.6 curies, although shorter activation times than the standard one hundred and twenty days may be arranged if a lower activity is satisfactory. The neutrons are approximately monoenergetic. Further information may be obtained from the Isotopes Division of the Atomic Energy Commission at Oak Ridge, Tennessee.

SOCIETY ACTIVITIES

DIVISION OF ELECTRON PHYSICS

The Division of Electron Physics of the American Physical Society and the Panel on Electron Tubes of the Research and Development Board of the Department of Defense will sponsor a conference on thermionic emission which will take place January 31 and February 1, 1950, immediately preceding the winter meeting of the American Physical Society in New York City. For non-members of the Division, further information regarding attendance and papers for the program may be obtained from the secretary, George E. Moore, Bell Telephone Laboratories, Murray Hill, New Jersey.

IES

Charles H. Goddard of Sylvania Electric Products, Inc. has been elected president of the Illuminating Engineering Society.

NO STRANGER

WATERFALL APPOINTMENT ANNOUNCED

Wallace Waterfall has been appointed to the newly created position of Executive Secretary of the American Institute of Physics and assumes his duties as this issue goes to press. He comes to the headquarters organization of American physics from the position of Director of Research and Product Development of The Celotex Corporation, with which he was associated for twenty-five years.

No stranger to Institute affairs, Mr. Waterfall has served the organization for twenty years. He has been a member of the Institute's Governing Board since 1934 and Secretary of the Governing Board since 1945. Secretary of the Acoustical Society of America since its founding in 1929 and Secretary-Treasurer of the Acoustical Materials Association concurrently, he will resign only his office as member of the Governing Board of the Institute. Part of his time will be devoted to the Acoustical Materials Association.

Between 1945 and 1948 Mr. Waterfall was Director of the Summary Reports Group of the Columbia University Division of Government Aided Research under contract with the Office of Scientific Research and Development. This group prepared, for the Army and Navy, seventy volumes summarizing the wartime researches and development (except medical) of the famous wartime organization headed by Dr. Vannevar Bush. Prior to this, Mr. Waterfall was a member of the scientific staff of Columbia University Division of War Research and acted as a liaison office for the National Defense Research Committee's Division on subsurface warfare.

THE FULBRIGHT ACT IN ACTION

COMPETITION CLOSES NOVEMBER 30TH

The Department of State has announced that competitions are now being held for United States Government awards for foreign study and research. Approximately six hundred awards are being offered under the terms of the Fulbright Act for graduate study or research in twelve countries during the academic year 1950-51. The educational exchange program is in effect with Belgium, Luxembourg, Burma, France, Greece, Iran, Italy, the Netherlands, New Zealand, Norway, the Philippines, and the United Kingdom.

Basic eligibility requirements for student awards are American citizenship, a college degree or its equivalent by the time the graduate takes up his award, and a working grasp of the language of the country of his choice. The competition began on October 15th and closes at midnight, November 30th. Candidates currently enrolled in an institution of higher learning should apply to their local Fulbright Program Advisor; candidates who are not presently enrolled should apply directly to the Institute of International Education, 2 West 45 Street, New York 19, N. Y.

Candidates holding a doctor's degree, as well as those who do not but who nevertheless are of recognized professional standing and propose to teach or carry out an independent program of research abroad, should apply to the Committee on International Exchange of Persons, Conference Board of Associated Research Councils, 2101 Constitution Avenue, Washington 25, D. C.

ONR AIDS ASTRONOMERS, ASTROPHYSICISTS

EARLY CLOSING DATE FOR APPLICATION

The Office of Naval Research has announced the continuation of its program for limited support of pure research in astronomy and astrophysics, and an advisory committee of the National Research Council will recommend specific projects to be supported. Average cost of projects should be about \$3000, with a maximum not appreciably in excess of \$5000. When a project is selected for support, negotiations will be entered into for a contract between the U. S. Navy and the institution at which the research will be conducted. The advisory committee recommends that maximum overhead charges for these relatively small projects should not be in excess of ten percent.

Each application should include a full description of the project, accompanied by a cost breakdown and, if possible, a letter of approval from the institution at which the work will be performed; all application material should, because of the pressure of time, be submitted in ten copies (legible carbons are acceptable).

Applications should be addressed to the Chief of Naval Research, Washington 25, D. C., attention Code 432, and should arrive on or before December 15, 1949. Letters of recommendation will be helpful.

Cost of publication of research results cannot be paid for, but it is understood that research results may be published freely through the usual channels.