

News Briefs

The National Education Association has reported that the nation's teacher shortage is easing somewhat in science, mathematics, and foreign languages. Although the association's annual survey indicates that the over-all teacher shortage will be at the same level this year as it was last, there will be increases in the number of science, mathematics, and foreign language teachers graduating in the college classes of 1959. The number of new science teachers to be graduated will be 6984, an increase of 28 percent over 1958. There will be 4732 new mathematics teachers and 2005 new language instructors, increases of 37 and 23 percent, respectively, over last year's totals.

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The Wisconsin Sociological Association was founded this month by representatives of various educational institutions in the state. Plans were made for future activities, including a society publication and a meeting in the fall of this year. About 30 Wisconsin sociologists attended the founding session.

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Under a new plan introduced by the superintendent of schools, New York City teachers would receive salary increases ranging from \$280 to \$510. The measure, which will be considered by the city Board of Education in late May, would increase the basic starting pay of \$4000 a year by \$500 and the present maximum of \$7600 by \$300. The largest increase—\$1000—would go to nine associate superintendents of schools.

The proposal was made 6 May by John J. Theobald, superintendent of schools, in a broadcast over the school system's FM radio station. If approved, the new schedules would take effect 1 September of this year. The plan will cost \$18 million annually, and will benefit all of the city's 40,000 public school teachers.

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The Michigan Nucleonic Society was established at a general meeting on 11 March at the University of Michigan. The society has been active for the last 2 years under the name of the Nucleonic Discussion Group. Membership is open to all interested in work with radioisotopes and radiation and allied fields. The board chairman is Luther Preuss. For information write to the secretary, Arthur Solari, 509 Linden St., Ann Arbor, Mich.

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Papers presented at the Inter-American Symposium on the Peaceful Application of Nuclear Energy, the first general meeting on the peaceful uses of the atom in the Western Hemisphere, have been published by the U.S. Atomic Energy Commission and released for sale to the public by the Office of Tech-

nical Services, U.S. Department of Commerce. Representatives of 19 Latin countries and the United States participated in the symposium, which was held at Brookhaven National Laboratory in May 1957.

Grants, Fellowships, and Awards

Foreign study. About 900 Fulbright scholarships for graduate study or predoctoral research in 27 different countries will be available for the 1960-61 academic year. In addition to the Fulbright awards, scholarships for study in Latin America under the Inter-American Cultural Convention are also offered for 1960-61. The Institute of International Education administers both of these programs for the U.S. Department of State.

The Fulbright scholarships cover travel, tuition, books, and maintenance for one academic year. Countries participating in the program include Argentina, Australia, Austria, Belgium and Luxembourg, Brazil, Burma, Chile, China, Denmark, Ecuador, Finland, France, Germany, Greece, Iceland, India, Iran, Italy, Japan, Netherlands, New Zealand, Norway, Peru, Philippines, Spain, Turkey, and the United Kingdom. Awards for study in Eire are also available under an arrangement similar to the Fulbright program.

The IACC program makes one or more awards available for graduate study in the following Latin American countries: Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, and Venezuela. IACC scholarships cover transportation, tuition and partial to full maintenance.

General eligibility requirements for both categories of awards are (i) U.S. citizenship at time of application, (ii) a bachelor's degree or its equivalent, (iii) knowledge of the language of the host country sufficient to carry out the proposed study project and to communicate with the people of the country, and (iv) good health. A good academic record and demonstrated capacity for independent study are also necessary. Preference is given to applicants under 35 years of age who have not previously lived or studied abroad.

Applicants will be required to submit a plan of proposed study that can be carried out profitably within the year abroad. Those who plan to take dependents may be asked to submit a statement of their financial ability to provide for their round-trip transportation and maintenance.

Applications for Fulbright and IACC scholarships for 1960-61 will be ac-

cepted *until 1 November*. Requests for applications must be postmarked *before 15 October*. Those interested who are now enrolled students at a college or university should consult their campus Fulbright advisers. Others may write to the Information and Counseling Division, Institute of International Education, 1 E. 67th St., New York 21, N.Y. or to any of IIE's regional offices.

The IIE also administers 200 fellowships for graduate study abroad that are offered by foreign governments and universities in 15 countries. Applications for the 1960-61 fellowships will be accepted *until 1 November*.

The scholarships cover tuition and varying amounts of maintenance in universities in Austria, Denmark, France, Germany, Iran, Israel, Italy, the Netherlands, Sweden, Switzerland, Canada, Brazil, and Mexico. Students applying for Italian university awards or Austrian, Danish, French, German, or Netherlands government awards may apply for a Fulbright travel grant to supplement their scholarships. Two additional awards, offered by an American foundation are for any country in the Far East, South or Southeast Asia, and Africa.

General eligibility requirements are United States citizenship, a bachelor's degree or its equivalent before departure, language ability sufficient to carry on the proposed study, and good health. Preference is given to applicants under 35 years of age who have not had extensive foreign experience. While married persons are eligible for most of these described awards, the stipends are geared to the needs of single grantees.

Neurophysiology. The Dysautonomia Association has announced that funds are now available for basic or clinical research in neurophysiology. The association will support research related to the clinical entity known as familial dysautonomia, a disease of the autonomic nervous system. Support will also be provided for any type of study of nervous-system functions that would contribute to understanding of a disease process. For information, write to Harold M. Newman, President, Dysautonomia Association, 2 W. 46 St., New York 19, N.Y.

Scientists in the News

EUGENE P. WIGNER, Thomas D. Jones professor of mathematical physics at Princeton University, recently delivered the first Richard Courant lecture at New York University. His subject was "The Unreasonable Effectiveness of Mathematics in the Natural Sciences." The Courant lectureship in mathematical sciences was established in January 1958 to honor the former scientific director of New York University's Insti-