

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-

tute of Mathematical Sciences. Courant, who came to New York University in 1934, retired last year. As professor emeritus of mathematics he is now science adviser to the university.

JOSHUA LEDERBERG, head of the department of genetics at Stanford University School of Medicine and cowinner of the Nobel Prize in 1958, left in May for a 1-month trip to Europe. Mrs. Lederberg, who is also a geneticist and works with her husband, is accompanying him. On 29 May, Lederberg will deliver his Nobel Prize lecture on genetic recombination at the Royal Caroline Institute of Medicine in Stockholm, Sweden.

EDWIN B. WILSON, eminent mathematical physicist and senior scientific adviser, was recently honored at an 80th-birthday celebration, sponsored by the American Academy of Arts and Sciences, in Brookline, Mass. He has served as president of the academy and in many other capacities for nearly a half century.

NORMAN A. HASKELL, scientist at the Geophysics Research Directorate, Air Force Cambridge Research Center, Bedford, Mass., will deliver the Guenter Loeser memorial lecture on 26 May in Boston, Mass. His subject will be "The Detection of Nuclear Explosions by Seismic Means."

S. S. VISHER, professor of geography at Indiana University, has been awarded the Outstanding Achievement Award of the Association of American Geographers.

JOHN C. HOUCK, director of the Surgical Research Laboratory, Georgetown University, Washington, D.C., will become director of the Biochemical Research Laboratory, Children's Hospital Research Foundation, Washington, D.C., effective 1 July.

DONALD J. MONTGOMERY, professor of physics at Michigan State University, will lecture and conduct research at the University of Grenoble, France, for a year, beginning in September.

PHILIPPE LECORBEILLER, professor of general education and applied physics at Harvard University, will retire 30 June and become professor emeritus. A specialist in the electronics of communication, electromechanical systems, and acoustics, LeCorbeiller came from France to the United States in 1941. He taught electronics to Army and Navy personnel at Harvard during World War II and joined the Har-

vard faculty in 1945 as lecturer in applied physics, becoming a professor in 1949. He was formerly professor of the theory of electricity in the Graduate School of Communication at the University of Paris, and senior assistant to the professor of calculus at the Ecole Polytechnique. He will remain in Cambridge to complete a book on the role of science in society.

Scientific visitors to the United States from the United Kingdom are as follows:

H. H. PEARCEY, senior principal scientific officer, Aerodynamics Division, National Physical Laboratory, Teddington, will be in this country 11 June-4 July. He will attend the national summer meeting of the Institute of Aeronautical Sciences in Los Angeles, 16-19 June. (In Washington, 11-13 June.)

T. S. WORK, member of the Medical Research Council's scientific staff at the National Institute for Medical Research, London, arrived 16 May from Jamaica. He will take part in a symposium on protein synthesis at the University of Wisconsin, 10-12 June. Itinerary: New York; Washington (23-27 May); New Haven, Conn.; Boston; Cleveland; Montreal, Canada.

ROGER NEWMAN, formerly with General Electric's research laboratories, has joined Hughes Aircraft Company as head of the physics department of the materials research laboratory of Hughes Products Group's semiconductor division; THOMAS D. HANSCOME, formerly chief scientist at the U.S. Navy Research Laboratory, and WALTER G. WADEY, formerly research physicist at Yale University, have joined the company's nuclear electronics department.

RAYMOND A. JENSEN, former chief of the abstract section, Office of Technical Services, U.S. Department of Commerce, has been appointed executive secretary of the National Federation of Science Abstracting and Indexing Services, Washington, D.C.

STACY R. GUILD, director of the anatomical and pathological research laboratory in the department of otolaryngology at Johns Hopkins University School of Medicine, will retire on 1 July and become professor emeritus. He will continue as lecturer in the department of environmental medicine in the School of Hygiene and Public Health. Guild, who was also associate professor in the Medical School, retires after 33 years of service at the university. He left the University of Michigan School of Medicine in 1926 to join Johns Hopkins.

Recent Deaths

LORENZ S. BAUR, Carcinoma, Ohio; 50; director of nutritional research at Ross Laboratories, Columbus, Ohio; had been with the company for 18 years; associate editor of *Pediatric Currents*, *Nursing Currents*, and *Currents in Hospital Administration*; 8 Apr.

HENRY R. BOYES, Detroit, 69; medical missionary and director of the Kennedy Memorial Hospital of the United Presbyterian Church in Tripoli, Lebanon; 1921-58; 9 May.

EDWARD T. BUTLER, Philadelphia, Pa.; 49; chemical engineer and director of research and development for the Broadway Maintenance Corporation, New York; 9 May.

WILLIAM CONE, Montreal, Canada; 62; chief of the neurosurgery service at the Montreal Neurological Institute and professor of neurosurgery at McGill University; had been connected with the university since 1928; 4 May.

FRANK A. CRAIG, Philadelphia, Pa.; 82; a leader in tuberculosis control and professor emeritus of clinical medicine of the University of Pennsylvania since 1951; had been associated with the university for 50 years; staff member of the Henry Phipps Institute, Philadelphia, 1903-54; 11 May.

HARVEY W. CULP, Ossining, N.Y.; 55; psychology teacher and former dean at Briarcliff College; research executive for the Foundation of Integrated Education in New York and president of the Ossining Board of Education; former research chief for Babcock and Wilcox; 11 May.

CARROLL W. GRIFFIN, Poughkeepsie, N.Y.; 58; chairman of the Vassar College department of chemistry and a faculty member for 27 years; research associate at Rutgers University, 1931-32; author of sections in his field in the *Encyclopedia Americana*; 5 May.

PIERRE MASSON, Montreal, Canada; 79; tumor specialist and professor of pathological anatomy at the University of Montreal; member of the Royal Society of Canada; 11 May.

ARTHUR S. RANDAK, Old Greenwich, Conn.; 46; assistant manager of the eastern division of Sinclair Refining Company, New York; director of the Sinclair Research Laboratories and chairman of the refining company's motor fuels steering committee; 5 May.

HEINRICH F. WOLF, New York; 86; physician specializing in physical medicine; director and founder of the Eastern School for Physician's Aides, a training center for laboratory and x-ray technicians; former chief of the department of physical medicine at Mount Sinai Hospital; author of the textbook *Physical Therapy*; 12 May.