

to provide about 300 radar technicians to maintain the distant early warning (DEW) radar line in the Far North. The institution, which has ten schools, has signed an agreement with the Federal Electronic Corporation to provide the technicians for the year beginning in June. The corporation is a contractor for the U.S. Government, which is installing and maintaining the DEW line. A technician's salary is \$800 a month, with a \$1500 bonus on completion of a year's tour of duty.

Grants, Fellowships, and Awards

■ The National Science Foundation will award individual grants to defray partial travel expenses for a limited number of scientists who will attend the 15th International Congress of Pure and Applied Chemistry that is to be held in Lisbon, Portugal, 9–16 Sept. Application blanks must be submitted *by 1 July* to the National Science Foundation, Washington 25, D.C.

The foundation also has announced that a group of similar awards are available for the eighth International Congress for the History of Science and the fourth general assembly of the International Union for the History of Science that are to be held in Florence and Milan, Italy, 3–10 Sept. The grants will approximately cover the cost of round-trip air-tourist transportation. The foundation must receive applications *by 15 June*.

■ The grants for 1956–57 that were appropriated by the Engineering Foundation of New York at its recent annual meeting totaled \$53,000. The funds will aid research programs that are receiving estimated outside support of \$497,500. This work, which is sponsored by the major engineering societies, is being carried out primarily in university, government, and industrial laboratories.

The projects receiving funds represent all the major branches of the profession and range from a program for predicting disastrous storm surges, which got under way last year under sponsorship of the American Institute of Mining and Metallurgical Engineers, to a recently instituted 3-year study of the thermal resistivity of soils that is being cosponsored by the American Institute of Electrical Engineers and other groups.

■ The Dickinson Research Memorial, research division of the Planned Parenthood Federation of America, Inc., is interested in supporting basic research in the physiology of reproduction, with special emphasis on factors influencing fertility. For further information address the Dickinson Research Memorial, 501 Madison Ave., New York 22.

■ Applications by research investigators for support of studies related to the cardiovascular field are now being accepted by the American Heart Association. The awards would be for the fiscal year beginning 1 July 1957. Application deadline for research fellowships and established investigatorships is *15 Sept.* For grants-in-aid, applications must be made *by 1 Nov.* Awards are made in the following categories.

Established investigatorships. Awarded for periods of up to 5 years, subject to annual review, in amounts ranging from \$6000 to \$9000 per annum, to scientists of established ability who have developed in their careers to the point where they are independent investigators.

Research fellowships. Awarded to young men and women with doctoral degrees for periods of from 1 to 2 years to enable them to train as investigators under experienced supervision. Annual stipends range from \$3500 to \$5600.

Grants-in-aid. Made to experienced investigators in varying amounts up to \$10,000 to provide support for specified projects.

Further information and application forms are available from the Medical Director, American Heart Association, 44 E. 23 St., New York 10.

Miscellaneous

■ The International Commission on Zoological Nomenclature has recently announced a series of decisions on the names of certain birds. Applications to the commission were published in October 1952 in part 1/3 of volume 9 of the *Bulletin of Zoological Nomenclature*. Among the decisions, the following are of wide general interest: (i) suppression of the generic name *Colymbus* Linnaeus, 1758, and acceptance of the generic name *Gavia* Forster, 1788, for the divers (loons) and of *Podiceps* Latham, 1787, for the grebes (*Opinion* 401); (ii) validation of the generic name *Pyrhacorax* [Tunstall], 1771, for the Chough by the suppression of the name *Coracia* Brisson, 1760 (*Opinion* 404); (iii) suppression of the specific name *ericetorum* Turton, 1807, and acceptance of the name *philomelos* Brehm, 1831, for the song thrush (*Opinion* 405); (iv) suppression for nomenclatorial purposes of the names by Linnaeus published in 1776 in the "Catalogue of Birds, Beasts, . . . in Edwards' Natural History" (*Opinion* 412); (v) validation of the name *Columba migratoria* Linnaeus, 1766, for the passenger pigeon (*Direction* 18); (vi) validation of the generic names *Bubo* Dumeril, 1806, *Coturnix* Bonnat, 1790, *Egretta* Forster, 1817, and *Oriolus* Linnaeus, 1766, by the suppression of older homonyms (*Direction* 21);

(vii) acceptance of *Gallinago* Brisson, 1760, and rejection of *Capella* Frenzel, 1801, as the generic name for the snipe (*Direction* 39).

The foregoing *Opinions* and *Directions* are now in the press and will be published at an early date. All inquiries should be addressed to the Publications Officer, International Trust for Zoological Nomenclature, 41 Queen's Gate, London, S.W.7.

■ The works of the Elsevier Publishing Company of Amsterdam, the Netherlands, publisher of European scientific and technical volumes, are to be distributed in this country by D. Van Nostrand Company, Inc., Princeton, N.J. Van Nostrand will list from 15 to 20 new titles annually, with editorial emphasis on chemistry, engineering, and medicine and their related applications in industry and research. Elsevier, which has offices in London, Brussels, and Paris, publishes books in many different languages.

■ The U.S. Civil Service Commission has announced two new examinations, one for medical bacteriologists and one for agricultural research scientists. Full details concerning the requirements to be met and instructions for filing applications are given to each announcement. No written test is required.

Interested persons may obtain application forms from many post offices throughout the country or from any Civil Service office listed in the announcements, which may be obtained from the U.S. Civil Service Commission, Washington 25, D.C.

■ The U.S. Atomic Energy Commission has just issued an 817-page book, *Radioisotopes in Medicine*, which is the complete proceedings of a special course that was conducted by the Oak Ridge Institute of Nuclear Studies in September 1953. The book contains 48 chapters, divided into nine main sections, complete with bibliography, index, charts, and illustrations. The editors are Gould A. Andrews, Marshall Brucer, and Elizabeth B. Anderson of the ORINS medical division.

The volume contains papers on the availability and uses of isotopes, problems in radiation, radiation measurement and dosimetry, tumor localization, diagnostic and therapeutic uses of radioiodine, metabolic and vascular studies, isotopes in the study and treatment of hematologic disorders, therapy with radioactive colloids, and therapy with external and implanted sources. A paper-bound edition may be obtained for \$5.50 from the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C.