

both programs may be obtained from the NAS-NRC Fellowship Office.

NSF senior postdoctoral fellowships are available to scientists who have held doctoral degrees in one of the basic sciences for at least 4 years. These carry salary-matching stipends. In addition, NSF science faculty awards are available to college teachers who wish to enhance their effectiveness as teachers of science, mathematics, or engineering. The deadline for receipt of applications for these 2 programs is 14 Jan. 1957. Application material may be obtained from the Division of Scientific Personnel and Education, National Science Foundation, 1520 H St., NW, Washington 25, D.C.

■ The Engineering College Research Council of the American Society for Engineering Education has announced plans for the new Curtis W. McGraw research award, established in memory of the late Curtis W. McGraw, president of the McGraw-Hill Publishing Company from 1950 to 1953 and brother of the present president, Donald C. McGraw. The award, sponsored by McGraw-Hill, will include a cash prize of \$1000 and will be given annually beginning next June.

Candidates are to be young men "who have made original contribution in engineering research and who have demonstrated high potential for future leadership." The recipient of the McGraw research award will be selected each year by a special committee of the Engineering College Research Council; James R. Cudworth of the University of Alabama is chairman of this year's selection committee.

The first presentation of the award will be at the 1957 annual meeting of the American Society for Engineering Education, at Cornell University, 17-21 June. Nominations for 1957 should reach Cudworth by 1 Feb. 1957.

In the Laboratories

■ The General Electric Company's medium induction motor department, Schenectady, N.Y., has announced that it will invest \$1.5 million in a developmental laboratory for the creation of new products and the improvement of present ones. The new facilities for motor research will include an engineering laboratory, an advanced engineering test area, and a development shop to investigate new manufacturing techniques to parallel product development. The engineering laboratory will undertake applied research and development work in electric insulation, bearings and lubrication, magnetic materials, metallurgy, and welding. A continuing search for improved insulation will be greatly intensified.

■ Robert A. Cooley, formerly with Olin Mathieson Chemical Corporation, has announced the incorporation of a new company, the Propellex Chemical Corporation, in Edwardsville, Ill. The new company will carry out research and development work on propellants and explosives.

■ The Mellon Institute, Pittsburgh, Pa., has announced plans for construction of a \$1-million laboratory to house its recently established department of radiation research [*Science* 124, 581 (28 Sept. 1956)]. The two-story, double-basement laboratory structure will be built on a newly acquired 125-acre rural tract located about 20 miles east of Pittsburgh near the town of Export, Pa. Other structures expected to be required by the institute's expanding industrial research programs will probably be built on the same site in the future.

■ The International Business Machines Corporation has announced plans for a new IBM Research Center in Yorktown, N.Y., 38 miles north of New York City. Options have been taken on a 224-acre site until a zoning variance is obtained for the construction of laboratories and administrative offices to accommodate the approximately 1600 staff members. The announcement follows the creation earlier this year of a separate group within the IBM engineering organization to consolidate all fundamental research aimed at improving the company's products. The work of this group will be guided by Emanuel R. Piore, recently appointed IBM director of research and formerly chief scientist of the Office of Naval Research.

No manufacturing operations of any kind will take place at the new research center. Eventually members of the present IBM Research Laboratories in Poughkeepsie, N.Y., will move to the new facility. The space vacated in Poughkeepsie by the research staff is to be occupied by expanding product development activities, which will remain there together with plants for the manufacture of electronic data processing machines and other products.

Miscellaneous

■ Thirty-five new technical problems for the attention of the nation's civilian inventors have been assigned by the Department of Defense to the National Inventors Council, U.S. Department of Commerce, the liaison agency between inventors and the armed services. These problems are published in a supplement to the council's cumulative list, *Technical Problems Affecting National Defense*. The supplement and the cumulative list may be obtained by writing to NIC, U.S.

Department of Commerce, Washington 25, D.C.

An inventor who has a proposed solution to one of these problems may submit his idea to the council, which will evaluate it and, if it is practicable, present it to the proper military agency. Problems in the supplemental and cumulative list range through the fields of aeronautics, electronics, mechanics, plastics, chemistry, instrumentation, materials handling, metallurgy, and others.

■ Jack McCormick, who is in charge of vegetation studies at the American Museum of Natural History, New York, is organizing a series of regional vegetation bibliographies to treat of both the North and South American continents. The bibliographies are to be issued by the museum. It is hoped that scientists interested in vegetation studies will assist this project. Anyone having geographically arranged files which cover flora (other than strictly taxonomic works) or vegetation of all or any portion of the American continents is urgently requested to communicate with McCormick (American Museum of Natural History, Central Park W. at 79 St., New York 24, N.Y.).

■ The International Commission on Zoological Nomenclature has announced that, as from 30 Apr. 1957, it will start voting on the following cases involving the possible use of its plenary powers for the purposes specified against each entry. Full details of these cases were published on 31 Oct. in the *Bulletin of Zoological Nomenclature* (vol. 12, pt. 10): (i) *Encrinurus* Emmerich, 1844, and *Odonotochile* Hawle & Corda, 1847, designation of type species for; *punctatus* Wahlberg, 1821 (*Entomostrocites*), validation (Class Trilobita); (ii) *Cupido* Schrank, 1801, designation of type species for (class Insecta, order Lepidoptera); (iii) *jurtina* Linnaeus, 1758 (*Papilio*), grant of precedence to, over *janira* Linnaeus, 1758 (*Papilio*); *EPINEPHELIDI* Tutt, 1896, suppression of (class Insecta, order Lepidoptera); (iv) *venulosa* Laurentus, 1768 (Hyla), determination (class Amphibia).

A proposal is also made for the adoption of the following declaration: determination of the relative precedence to be accorded to two or more names for family-group taxa published in the same book and on the same date. Comments should be sent as soon as possible in duplicate to Francis Hemming, secretary to the commission, 28 Park Village E., Regent's Park, London, N.W.1.

Erratum: In the article "Provincial universities in the United Kingdom," by Trevor I. Williams [*Science* 124, 347 (24 Aug. 1956)], the names of the people identified in the picture on the left-hand side of page 348 were misspelled. The correct names are M. K. Das Gupta and R. C. Jenkinson.