

netics, 2-22 Aug. The course on genetics of fungi is being offered for the first time this year, and G. Pontecorvo of the University of Glasgow will be in charge.

A limited number of fellowships covering part of the tuition fees will be available for graduate students. In addition, research facilities for work on microbial genetics throughout the summer will be available to a limited number of independent research workers. Information may be obtained from the Biological Laboratory, Cold Spring Harbor, New York.

### Grants, Fellowships, and Awards

■ Rand McNally and Company will offer 25 full-tuition scholarships to teachers and supervisors in elementary and secondary schools for a workshop in geography at the Northwestern University summer session. The scholarships are part of the Rand McNally centennial, which is being observed throughout 1956.

Offered in cooperation with Northwestern's School of Education and department of geography, the scholarship program is intended to enable teachers to explore new concepts in the field of geography. Applications must be filed by 1 Apr. The Geography Workshop will be held on the Evanston campus from 25 July to 3 Aug. Applications and additional information may be obtained from the Dean, School of Education, Northwestern University, Evanston, Ill.

■ The New York Botanical Garden has announced the Gertrude S. Burlingham fellowship in mycology for advanced predoctoral or postdoctoral summer study at the garden. The stipend is \$700; work under this appointment may begin at any time after 1 June and should continue for approximately 3 months. Nominations or applications should reach the director by 15 Apr.

■ The Cancer Research and Hospital Foundation has announced its annual Sherman Pratt fellowship for clinical cancer chemotherapy. The award will be made to graduates of accredited United States or foreign medical schools who are interested in gaining experience and training in new methods of clinical cancer chemotherapy developed by the Institute of Applied Biology.

The award comprises \$7000 for a 1-year fellowship, or \$3500 for 6 months. Applicants should submit name, address, age, medical school, year of graduation, postgraduate experience, and background to the Sherman Pratt Fellowship Award Committee, Cancer Research and Hospital Foundation, 161 E. 90 St., New York 28.

■ The Gravity Research Foundation, New Boston, N.H., has announced the 1956 awards for essays on gravity. Five winners will be named on 1 June. They will be selected for the best 1500-word papers on the possibilities of discovering (i) some partial insulator, reflector, or absorber of gravity; (ii) some alloy, or other substance, the atoms of which can be agitated or rearranged by gravity to throw off heat; or (iii) some other reasonable method of harnessing, controlling, or neutralizing gravity. The awards will be for \$1000, \$300, \$200, \$150, and \$100, respectively.

Essays, with two carbon copies, must be received before 16 Apr. They will be accepted from anyone who is seriously interested in the application of gravity to practical uses for the benefit of humanity. All essays must be typewritten in English on 8½ by 11-inch paper. A title covering the area of thought expressed in the essay and a summary paragraph of 100 words or less should be included, as well as a short biographical sketch.

■ National Mass Media awards for children's books were presented on 6 Feb. by the Thomas Alva Edison Foundation. *The Boy Scientist*, by John Lewellen and published by Simon and Schuster, won the Best Children's Science Book award (for younger children).

■ The James F. Lincoln Arc Welding Foundation of Cleveland, Ohio, is offering \$20,000 in cash awards for ideas or suggestions that will accelerate progress in arc welding. Residents of the United States or its possessions are invited to submit ideas to the foundation on any aspect of arc welding that can be used to advance welded design, welding engineering, or the general application of the arc-welding process. No restrictions are placed on either the nature or the extent of ideas that may be submitted for award.

The \$20,000 will be distributed in 20 awards with a top one of \$5000; others will amount to \$4000, \$3000, \$2000, and \$1000. There will be additional smaller prizes. Ideas must be submitted by 30 July. Complete information and rules are available from the James F. Lincoln Arc Welding Foundation, Cleveland 17, Ohio.

### In the Laboratories

■ Parke, Davis and Company has announced that it will build a new medical research center that is to cost approximately \$10 million. This year will be devoted to planning; actual construction is expected to take two additional years. The exact location of the new facility has not yet been decided.

■ The American Cyanamid Company has effected the consolidation of its research activities into a single division under the direction of Kenneth H. Klipstein. Geographic regrouping has brought related activities together at the appropriate research laboratory. This consolidation is part of a divisional realignment of the company that started 2 years ago.

The research division, which has equal status with the nine operating divisions and carries out research for them, is grouping related activities in the laboratories at Bound Brook, N.J.; Pearl River, N.Y.; and Stamford, Conn.

At Bound Brook a new administration-laboratory building will house research activities primarily related to the organic chemicals and pigments divisions.

At Pearl River new construction will make it possible to centralize all research in the pharmaceutical and biological fields. The laboratories at Stamford, Conn., will carry on researches in plastics, agricultural chemicals, industrial chemicals, and mineral dressings, as well as process development and basic research in new fields.

■ The Naugatuck Chemical Division of the United States Rubber Company has acquired a 150-acre tract of land in the Scott's Bluff region of Baton Rouge, La., on which it plans to construct a new chemical plant for the manufacture of Kralastic plastic materials. Kralastic is a copolymer based on styrene, butadiene, and acrylonitrile that is used for pipe, automotive parts, and a variety of other industrial products.

■ The Southern California Edison Company will be the first utility in California to produce electricity from atomic energy. The Atomic Energy Commission has authorized Atomics International, a division of North American Aviation, Inc., and the Edison Company to negotiate a contract in connection with the Atomics International experimental reactor near Santa Susana. The company's investment in the nuclear installation will be slightly more than \$1 million.

California Edison has announced that it will share the information and experience it derives from building and operating the station. To the extent permitted by the AEC, a number of representatives of both public and privately owned utilities will be allowed access to the station to obtain information on engineering features and data and to observe operating and maintenance phases of the project. Electricity from the experimental nuclear electric plant will be available for commercial use in the Santa Susana area some time during the coming summer.