

■ The Tissue Culture Association is again sponsoring a course of instruction in the principles and techniques of cell and tissue culture. The course will be under the direction of Charles M. Pomerat of the University of Texas Medical Branch. It will be given at the University of Colorado School of Medicine from 16 July to 11 Aug. The tuition will be \$100.

The course is designed specifically for postgraduates (M.D. or Ph.D.) who plan to use cultured tissues in their research or teaching. Requests for application forms should be addressed to Dr. Mary S. Parsley, College of Physicians and Surgeons, 630 W. 168 St., New York 32, N.Y., and should be completed and returned to her not *later than 1 May*.

### Grants, Fellowships, and Awards

■ The Darbaker Prize Committee of the Botanical Society of America will accept nominations for an award that is to be announced at the annual meeting of the society in 1956. Under the terms of the bequest, the award is to be made for meritorious work in the study of the algae, particularly the microscopic algae. The committee will base its judgment primarily on the papers published by the candidate during the last two full calendar years previous to the closing date for nominations. Only papers published in the English language will be considered.

Nominations for the 1956 award, accompanied by a statement of the merits of the case and by reprints of the publications supporting the candidacy, must be received *before 1 May* by the chairman of the committee. The value of the prize for 1956 will depend on the income from the trust fund, but the amount is expected to be about \$150. For information, write to the secretary of the Botanical Society, Harold C. Bold, Vanderbilt University, Nashville, Tenn.

■ The Tobacco Industry Research Committee has announced a third allocation of \$500,000 to continue support of research by independent scientists into all phases of tobacco use. This amount brings the tobacco group's research fund allocations to \$1.5 million. In a little more than a year the committee's advisory board has recommended grants totaling more than \$838,000, of which \$25,800 has supported fellowships for medical school students.

The three main areas to which the board has directed its attention are the physical and chemical composition of tobacco and accompanying products; tissue changes in both human beings and in animals; smoking and other tobacco habits; and the emotional and physical makeup of smokers.

■ Through the generosity of George R. Cooley, the American Society of Plant Taxonomists has been able to announce that it will offer two cash awards yearly for a period of 5 years. One of these awards carries an honorarium of \$500, the other an honorarium of \$100.

The larger award is to be given for a published paper based on original research and concerned largely with the taxonomy of plants of the southeastern United States, including the states of Alabama, Arkansas, Georgia, Florida, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee. Papers published in the calendar year prior to that in which the award is given will be considered by a special committee appointed by the society.

The committee is composed of Donovan S. Correll (chairman) of the Plant Industry Station, Beltsville, Md.; Harold W. Rickett of the New York Botanical Garden; and Edgar T. Wherry of the Botanical Laboratory, University of Pennsylvania. Papers should be sent to Correll for consideration.

The smaller award of \$100 is to be given for an oral paper on any phase of plant taxonomy delivered before the membership of the American Society of Plant Taxonomists at the program of its annual meeting. All papers given on the program will be considered by a committee consisting of Robert T. Clausen (chairman) of Cornell University; John M. Fogg of the Morris Arboretum, University of Pennsylvania; and H. L. Mason of the University of California, Berkeley.

Papers presented at the next annual meeting, which is to be held at the University of Connecticut, Storrs, 26-30 Aug. 1956, will be considered for the award.

■ The Public Health Service awarded 3036 research grants totaling \$36,522,408 between 1 July 1955 and 1 Jan. 1956 from funds appropriated for fiscal 1956. A summary of the research grants that have been approved for payment during the first half of the current year has been released. The grants support medical research on all major diseases and in the basic sciences related to medicine.

The 350 institutions that received the grants are located in 46 states, the District of Columbia, 2 territories, and 7 foreign countries. About 95 percent of the research funds for the current fiscal year have been committed. Of the 3036 grants, 634 were new. The remaining 2402 were continuation grants.

■ The National Science Foundation has announced that 164 grants, totaling about \$3,240,500, were awarded during the quarter that ended 31 Dec. 1955 for the support of basic research in the natural sciences, for conferences in sup-

port of science, for exchange of scientific information, and for summer institutes for refresher training of high-school and college undergraduate science teachers. This is the second group of awards to be made during fiscal year 1956.

### In the Laboratories

■ The High Voltage Engineering Corporation of Cambridge, Mass., has begun construction of an 88,000-square-foot radiation machine test plant on a 50-acre site in Burlington, Mass. The one-story building, to be ready for occupancy in September 1956, will contain enough radiation test vaults to allow operation of 16 accelerators simultaneously. The plan for each vault will be varied to provide for test of both Van de Graaff particle accelerators and microwave linear accelerators. The new facility will cost nearly \$2 million, a figure that includes specialized production and test equipment.

■ Formation of Resources Research, Inc., a firm of consultants that will specialize in solving air and stream pollution problems for industry and federal and state governmental agencies, has been announced by Louis C. McCabe, formerly of the U.S. Public Health Service. The main office of the new firm will be at 4435 Wisconsin Ave. NW, Washington 16, D.C.; there will be additional offices in New York at 55 W. 42 St., and in Casper, Wyo., care of P.O. Box 1861.

McCabe, who served as the first director of the Los Angeles Air Pollution Control District, will be joined in the new enterprise by Frederick S. Mallette, executive secretary of the Committee on Air Pollution Controls and research manager of the American Society of Mechanical Engineers, and William S. McCabe, consulting geologist of Casper, Wyo.

The company will conduct research and development work in geology, mining, industrial wastes, and water resources, and in the economics and supply of both conventional and atomic fuels.

■ The Lockheed Aircraft Corporation has announced establishment of a special projects engineering division within the engineering branch of its Georgia Division at Marietta. The new unit has been organized to help meet the demand for the development of prototype aircraft designs and special systems. Starting with some 50 engineers and designers drawn from other phases of Lockheed's engineering activities, the new division will add another 100 mechanical, structural, and systems specialists within the next 12 months.