

PAUL D. WHITE, emeritus professor of medicine at the Harvard Medical School, will deliver the 32nd Hermann M. Biggs memorial lecture, under the auspices of the Committee on Public Health of the New York Academy of Medicine, on the evening of 7 Feb. in the academy building. He will discuss "The relation of ways of life to heart disease."

WILLIAM CULSHAW, an English physicist who has successfully applied optical methods to study of millimeter radio waves, has joined the Boulder Laboratories of the National Bureau of Standards to continue this work, which he will carry out in the microwave physics section. Before joining the Bureau, Culshaw was with the millimeter wave division of the British Telecommunications Research Establishment, where he specialized in microwave optics and later in millimeter wave magnetron development.

Recent Deaths

KARL GEBHARD, Winter Park, Fla.; 64; former attending surgeon at Mount Vernon Hospital and former instructor in anatomy at Bellevue Hospital; 9 Dec.

FLORENCE HEDGES, San Francisco, Calif.; 78; retired plant pathologist who worked with the U.S. Department of Agriculture for more than 30 years; 11 Dec.

ROGER I. C. MANNING, Phoenix, Ariz.; 57; director of the Arizona Department of Mineral Resources since 1951; 8 Dec.

JEFFREY R. STEWART, Franconia, Va., and Fort Lauderdale, Fla.; 51; paint specialist, operator of his own research laboratory, editor and publisher of the *National Paint Bulletin*; 9 Dec.

CARL V. WELLER, Ann Arbor, Mich.; 69; editor of *The American Journal of Pathology* since 1941 and chairman of the University of Michigan department of pathology for 25 years; 10 Dec.

Education

■ The University of Wisconsin's board of regents has approved plans for a research observatory to be located 15 miles west of Madison. A new building, together with a 53-acre site and a new telescope, are being made available through a \$200,000 gift to the University from the Wisconsin Alumni Research Foundation.

The telescope, a 36-inch reflecting instrument, is under construction at Boller and Schwens, South Pasadena, Calif. The firm expects to make delivery sometime late in the summer of 1957. The

new telescope will provide 5 times the light-gathering power of the university's Washburn Observatory telescope, a 15-inch refracting instrument in use for almost a century.

■ The second in a series of grants in support of computation centers and research in numerical analysis has been announced by the National Science Foundation. Grants totaling \$230,000 have been awarded as follows: Cornell University, \$50,000; University of California (Berkeley), \$50,000; University of Pennsylvania, \$70,000; Princeton University, \$40,000; and Stanford University, \$20,000.

■ The Warren Building of the Massachusetts General Hospital, Boston, was dedicated on 3 Dec. "as a tribute to the members of the Warren family for their contributions to the medicine and surgery of the new world." Three floors of the \$4-million facility will house the pathology department, and four others will be devoted to clinical and research laboratories for neurology, neurosurgery, psychiatry, and dermatology. In addition, the new building eventually will provide patient areas. Originally designed as a five-story building in 1951, the plans were revised in 1955 for a 12-story structure.

■ The department of microbiology at Saint Louis University School of Medicine has been reorganized under the direction of R. Walter Schlesinger, formerly at the Public Health Research Institute of the City of New York, Inc. The department has undergone complete physical reconstruction, especially of its research facilities.

■ The Veterans Administration Hospital, Madison, Wis., has announced the establishment of a radioisotope laboratory for basic biochemical and clinical research, with emphasis on research on the biosynthesis and metabolism of lipids. Support for the work will be administered through the University of Wisconsin Medical School and the Veterans Administration. Laboratory research will be under the direction of John W. Porter, and clinical investigations will be supervised by Frank C. Larson. A limited number of pre- and postdoctoral appointments will be available through the University of Wisconsin for applicants interested in this work.

Grants, Fellowships, and Awards

■ The Daniel and Florence Guggenheim Foundation has announced that 18 to 20 fellowships for graduate study in the fields of jet propulsion and flight structures will be awarded in 1957 by the

Daniel and Florence Guggenheim jet propulsion centers at Princeton University and the California Institute of Technology and by the Institute of Flight Structures at Columbia University. The stipends range from \$1200 to \$2000 each, plus tuition.

Application forms are available from the presidents and deans of all engineering and technical colleges; presidents, plant managers, and personnel directors of all companies, laboratories, and engineering organizations known to be engaged in rocket, jet propulsion, or flight structures work; commanding officers of armed forces units and establishments engaged in rocket and jet propulsion development and testing; secretaries of the principal technical societies; and from the Daniel and Florence Guggenheim Foundation, 120 Broadway, New York, N.Y., as well as from Princeton, C.I.T., and Columbia.

■ Entries are now being accepted for the Oberly memorial award that is presented every 2 years by the American Library Association for the best bibliography in the field of agriculture or the related sciences. The current award, to be made at the ALA annual conference in Kansas City, 23-29 June, is for a bibliography issued in 1955 or 1956. Final entry date is 15 Mar. 1957.

Seven copies of the bibliography should be sent to Whiton Powell, Chairman, Albert R. Mann Library, Ithaca, N.Y. An accompanying letter should state that the work is being submitted for consideration for the Oberly award and that the authors are United States citizens. Copies will be returned after the competition if so requested at time of submission. Points to be considered in judging will be accuracy, scope, usefulness, format, and special features such as explanatory introductions, annotations, and indexes.

■ The Lalor Foundation has announced details of the 40 awards that it is offering to younger college and university staff and faculty members for research in the biological sciences for the summer of 1957. This is the third annual series of such summer research awards.

The awards are for advanced study and research employing chemistry or physics to attack problems in any field of biology. The studies may be carried on at any institution of the award holder's choice. The upper age limit for appointment is 40 years.

The awards will usually not exceed \$900 for a single man or woman, \$1100 for a married person working at his home institution, and \$1250 for a married person whose principal program is at another institution. Transportation and other expenses are for the account of the award holder.