

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.

In recent years the foundation has maintained a number of postdoctorate summer fellowships at the Marine Biological Laboratory at Woods Hole, Mass. With the consolidation of these fellowships into the present program, it is suggested that men and women interested in work at M.B.L. and eligible under the Lalor faculty summer award plan should submit applications under this newer program.

Inquiries respecting Lalor Faculty Summer Research awards should be addressed to the Director of the Lalor Foundation, 4400 Lancaster Pike, Wilmington 5, Del. Final date for receipt of completed applications is 14 Jan. 1957, and notification regarding appointment may be expected by 15 Mar.

■ The National Society for Crippled Children and Adults has announced that 20 fellowships for specialized training in working with cerebral palsied and other severely handicapped persons are available. A training program will be held 17 June to 12 July at the Institute of Physical Medicine and Rehabilitation of the New York University-Bellevue Medical Center.

The deadline for receipt of applications is 15 Mar. Qualified counselors and placement workers in public and private agencies interested in vocational problems of the crippled are urged to apply immediately for the fellowships, which will cover tuition and moderate living expenses. Six points of academic credit at the graduate level will be given to those who successfully complete the course. Application blanks can be obtained from the National Society for Crippled Children and Adults, 11 S. LaSalle Street, Chicago 3, Ill.

■ The Division of Biological and Medical Sciences of the National Science Foundation has announced that the next closing date for receipt of research proposals in the life sciences is 15 Jan. 1957. Proposals received prior to that date will be reviewed at the winter meetings of the foundation's advisory panels, and disposition will be made approximately 3 months following the closing date. Proposals received after 15 Jan. will be reviewed following the spring closing date of 15 May 1957.

■ The U.S. Public Health Service has announced 44 5-year research fellowship awards to scientists in 29 universities and medical schools in 20 States, the District of Columbia, and Canada. The awards are the first in a new federal program designed to increase manpower for research in the basic medical sciences.

Recipients are scientists who have completed their doctor's degrees in biochemistry, pharmacology, physiology, microbiology, pathology, and the psy-

chological sciences. Each fellow will receive a salary not to exceed \$10,000 yearly, plus up to \$2000 to defray part of the expenses of his research. The salary level is set by the institution to approximate the salaries of scientists doing similar research and teaching as members of the regular faculty.

These fellowships will permit recipients to continue their research activities. Concurrently, the sponsoring institutions will assign appropriate teaching responsibilities so that fellows may qualify for full-time academic positions at higher levels.

In citing the need for the senior fellowships, the Surgeon General of the USPHS, Leroy E. Burney, said a recent survey showed that for the current year more than 200 authorized and budgeted positions on the faculties of medical and basic science schools are unfilled. Included are 55 professorships, 52 associate professorships, and 79 assistant professorships. An equivalent number of vacancies existed last year.

The USPHS will award between 40 and 50 new fellowships annually until approximately 250 have been given by the fifth year. Thereafter the program will be maintained at this level until the national deficiencies have been met. The total cost of the first year of the program will be in the neighborhood of \$500,000.

Miscellaneous

■ *Medical History*, a new British quarterly, will begin publication on 1 Jan. 1957. Each issue will contain approximately 100 pages of text together with illustrations. The journal will be the official organ of the Cambridge University History of Medicine Society and the Scottish Society of the History of Medicine.

The purpose of the new journal is to provide a medium for the publication of papers in all fields of the history and bibliography of medicine and its related sciences, as well as on the wider aspects of medical humanism. Particular emphasis will be placed on the correlation of historical studies with present-day practice and research. There will be sections devoted to the proceedings of medico-historical clubs and societies, the publication of original texts and documents, notes and news, questions and answers, abstracts and book reviews.

The journal will be international in its scope, and is designed to appeal to the growing number of doctors and students who are interested in medical history as well as to librarians and bibliophiles.

The interests of librarians and of book collectors will be especially catered to by the regular inclusion of bibliographical studies, descriptions of rare and important books, news relating to medical li-

braries and collections, and periodical reports on important sales and book prices.

Contributions, which may be of any length up to about 10,000 words, are invited. They may deal with any aspect of medical history or medical bibliography, biography, iconography, history of medical institutions, education, famous patients, medicine in art and literature, trauants from medicine, and so forth. Manuscripts should be sent to the editor, W. J. Bishop, Medical History, c/o Wm. Dawson and Sons, Ltd., 4 Duke St., Manchester Square, London, W.1. England.

■ Harvard University's Atkins Garden and Research Laboratory, which is in Cienfuegos, Cuba, has reported that in the first week of October six large clumps of *Dendrocalamus strictus* (Roxb.) Nees, an economically important bamboo of southern Asia, began to flower at the station.

On being informed of this event, F. A. McClure, specialist on bamboos, wrote the garden that flowering probably would continue for several months and that some seed would be produced before the clumps die. He indicated the desirability of detailed studies on all phases of the flowering and fruiting of this species, especially the developmental morphology, anatomy, and caryology. Should viable seed be set, a whole new array of investigations is possible in the fields of botany, horticulture, and reforestation.

Since material of this kind is rarely available to American investigators, the Atkins Garden is prepared to fill requests for study materials. Detailed instructions should be sent with such requests, and, if fixed material is desired, the fixative should be sent in vials by first-class airmail. Herbarium material is being prepared and will be available for distribution later. For further information, write to I. D. Clement, Atkins Garden and Research Laboratory of Harvard University, Apartado 414, Cienfuegos, Cuba.

■ Included in the January issue of *The Scientific Monthly* are four of the papers presented at a symposium, "Uses and effects of atomic radiation," held in connection with the dedication of the new headquarters building for the American Association for the Advancement of Science. These are "Radiation and the human body," S. Warren; "Radiation and genetics," L. C. Dunn; "Uses of atomic radiation and energy," L. R. Hafstad; and "What we most need to know," L. H. Snyder. Also included are "Dedication of the new AAAS headquarters building," P. B. Sears; "Role of statistics in scientific research," J. W. Mayne; "Political science of science," H. D. Lasswell. Twelve books are reviewed.