

RECENT DEATHS

DR. HANS ZINSSER, professor of bacteriology at the Harvard Medical School, died on September 4 in his sixty-second year.

DR. PHOEBUS AARON THEODORE LEVENE, member of the Rockefeller Institute for Medical Research from 1907 to 1939, died on September 6 at the age of seventy-one years.

DR. FREDERICK PATTISON WEAVER, since 1925 pro-

fessor of agricultural economics at the Pennsylvania State College, died on September 5 in his sixty-eighth year.

DR. MAUDE E. S. ABBOTT, assistant professor of medicine at McGill University, died on September 2 at the age of seventy-one years.

WILLIAM LASH MILLER, head of the department of chemistry, University of Toronto, died on September 1 at the age of seventy-three years.

SCIENTIFIC EVENTS

THE HALL OF ETHNOLOGY OF THE MUSEUM OF NEW MEXICO

THE Museum of New Mexico, Santa Fe, has been given, according to *Museum News*, the old Santa Fe Armory, adjoining the Palace of the Governors on Washington Avenue, and is remodeling it for use as a hall of ethnology. The property was assigned to the museum by act of the State Legislature, which also appropriated \$10,000 for remodeling. The WPA is supplying the labor. Plans for remodeling, in the Pueblo style, were drawn by John Gaw Meem. The entire structure will be given over to ethnology. The entrance hall, 20 by 55 feet, will be arranged as a hall of man, with a series of life-size busts showing the evolution of the human race and a series of racial group busts, supplemented by an evolutionary series of implements and tools. The main exhibit hall, 50 by 75 feet and containing 3,750 square feet of exhibition space, will illustrate the living Indians of the Southwest and their cultural attainments. Through the center will be a series of models of Indian dwelling types and a kiva, with appropriate native life. Around three sides of the hall alcoves will contain exhibits of silversmithing and turquoise work, weaving, basketry, leather and bead work, ceremonial items, paintings, pottery, grinding and native economy and a typical pueblo room. Wall cases forming the alcove boundaries will carry charts, diagrams and photographs. In the alcoves Indians will carry out the pursuits of the alcove themes, a few at a time, for the double purpose of encouraging the Indians and showing visitors how things are actually done. A small room off this large hall will be used for special rotating exhibits of comparative material from the Americas. The second floor space will be used for the curator's office, private laboratory, office for assistants in the department, laboratory of physical anthropology and rest room. The full basement will contain a fireproof vault, dustproof storage for ceramic collections, two dustproof storage rooms for basketry and miscellaneous material, temporary storage for skeletal material from excavations, preparator's laboratory, janitor's room and public rest rooms.

Out-of-doors at the back of the building will be a small placita with a modern Pueblo oven for baking bread and space for a pottery-firing kiln. Miss Bertha Dutton has been appointed curator in charge of the newly established department of ethnology.

GOVERNMENT POSITIONS UNDER THE CIVIL SERVICE COMMISSION

APPLICATIONS must be on file by September 16 with the United States Civil Service Commission at Washington, D. C., for the position of assistant curator of ethnology in the National Museum, Smithsonian Institution, at a salary of \$3,200 a year. An existing vacancy in this position in Washington and future vacancies in positions requiring similar qualifications will be filled from this examination, unless it is found in the interest of the service to fill any vacancy by reinstatement, transfer or promotion.

An examination to secure specialists in conference planning for the Office of Education is also announced. The salary is \$4,600 a year. Applicants must have completed a 4-year college course and must have had administrative experience or highly responsible experience in organization work. In addition, they must have had experience in planning and conducting formal conferences, forums or other group activities for the purpose of discussion of public affairs. Writing experience in the field of education of adults in public affairs is also necessary. Examinations to secure personnel technicians for Government service cover the following grades: Personnel technician (test and measurements), \$3,800 a year; also senior, \$4,600 a year; associate, \$3,200 a year; assistant, \$2,600 a year, and junior, \$2,000 a year.

Examinations are also announced covering two grades in naval architecture and marine engineering, as follows: Principal, \$5,600 a year; senior, \$4,600 a year. Applications may be filed until June 30, 1941. Qualified persons are urged to apply at once. Examinations for lower-grade naval architect and marine engineering positions were announced in June and the commission still is accepting applications for these positions.

Salaries in all cases are subject to a retiring reduction of three and one half per cent.

WORK OF THE NEW YORK UNIVERSITY COLLEGE OF ENGINEERING

SIXTEEN experts from the food and chemical industries will join with the faculty of the Graduate Division of the New York University College of Engineering this autumn in offering a new course in food engineering, which is one of the seventeen new courses to be given during the coming academic year.

According to Dr. Henry J. Masson, director of the Graduate Division and chairman of the department of chemical engineering, these courses will be conducted in the departments of administrative, chemical, civil, electrical and mechanical engineering and in the department of meteorology.

They are designed principally in accordance with the expressed needs of men employed in industrial and governmental work. The bulk of all graduate instruction at the college is offered in the evenings and on Saturdays, and combines advanced study with the practical experience and knowledge gained as a result of day-time occupations.

The course in food technology was developed after consultation with leading food technologists, many of whom will assist in teaching the course. It was based upon the concept of unit operations as developed by the chemical engineer, modified and adapted to the food industry. Lectures by industrial specialists will cover such topics as pasteurization, refrigeration, baking, packaging and bottling, canning, humidification and air conditioning.

Among the industrialists who will lecture during the course are: C. G. Segeler, American Gas Company; J. E. Guinane, Frosted Food Sales Corporation; C. A. Southwick, General Foods Corporation; C. O. Ball, American Can Company; Laurence V. Burton, *Food Industries*, and James A. Lee, *Chemical and Metallurgical Engineering*.

New courses in foundation engineering and soil mechanics will be offered by the department of civil engineering, in addition to other advanced courses in materials testing and model analysis. Polarized light will be employed in determining stress directions, while Beggs deformeter gages will be used on structural models.

Courses in the principles of audio-frequency, advanced radio-frequency and fundamentals of power system analysis will be added by the department of electrical engineering. The mechanical engineering department will add a course dealing with centrifugal pumps and compressors, while the department of meteorology will offer a new course in maritime meteorology and oceanography. Two new courses will be added by the department of administrative engineering covering production control and statistics. In

addition to the course in food engineering the chemical engineering department will also add courses in mathematics as applied to chemical engineering and diffusional processes.

In cooperation with the Westinghouse Electric and Manufacturing Company, the division will also offer new courses covering industrial marketing, applications of electrical equipment and power system relaying.

THE DETROIT ZOOLOGICAL PARK

Museum News states that expenditures for improvements and additions to the Detroit Zoological Park under Federal work programs have cost \$1,556,000 in allotments from the United States Government and \$380,000 contributed by the park commission. New structures at the park completed in this building program include the administration building, the animal service building, the animal hospital building, hippopotamus building and exhibit, ostrich house, tiger exhibit and building, North American barnyard exhibit and building, South American mammal building and barless exhibit, South American pampas and buildings, African swamp exhibit enlarged and new building, monkey island, bear den and maternity cages, animal theater, aoudad rock and moats, beaver exhibit, trout stream with reservoirs and cascade, vegetable cellar of concrete and steel, and barless enclosures for alligators, reptiles and wolverine, raccoon and wolf. A log aquarium is in process of construction. Improvements were made in the North American plains exhibit; and the structure used formerly for a skunk exhibit was rebuilt for reptiles. For the railroad that encircles the park new stations, underpasses and a comfort station were completed. In addition, the wire enclosing fences were replaced with masonry walls; and sewers, water lines, paved walks and paved service roads were built. There are new entrance gates, new landscaping including the planting of hundreds of trees and new hotbeds for the greenhouses. John T. Millen is director of the park.

THE WOODS HOLE OCEANOGRAPHIC INSTITUTION

C. O'D. ISELIN, assistant professor of oceanography at Harvard University, director of the Woods Hole Oceanographic Institution, contributes an article to *The Collecting Net*, giving an account of the eleventh annual meeting of the Board of Trustees, which was held on August 15. Besides the ordinary routine business, the trustees voted to accept the *Anton Dohrn*, a gift from the Carnegie Institution of Washington. This 70-foot power boat was formerly used at the Tortugas Laboratory in Florida and will be converted during the coming winter for work in the coastal waters off New England.

The trustees discussed the rôle of modern ocean-