

DR. RICHARD PRAGER, research associate in astronomy at Harvard University, an authority on variable stars, died on July 21. He was sixty-one years old.

DR. GEORGE W. RAIZISS, professor of chemotherapy at the Graduate School of Medicine of the University of Pennsylvania and director of the department of chemical dermatological research of the Abbott Laboratories, died on July 16 at the age of sixty-one years.

DR. FRANK WILLIAM DOUGLAS, professor of chemistry and head of the department of Colorado College, died on July 19 at the age of sixty-six years.

DR. H. B. ARBUCKLE, from 1913 to 1937 professor of chemistry of Davidson College, North Carolina, died on July 19 at the age of seventy-four years.

DR. E. W. ENGLE, research and consulting metallurgist for Carbonyl Company, Inc., an authority on tungsten and tungsten carbides, died on April 26 at the age of fifty-seven years.

DR. HEINRICH CARL REDEKE, of the department of hydrobiology of the University of Amsterdam, died on April 10 at the age of seventy-one years.

DR. CHAUNCEY D. LEAKE, dean of the School of Medicine at Galveston of the University of Texas, writes: "You may be interested in a news item recently sent to me by Dr. Raymond L. Cahen, one of the former associates of Dean Marc Tiffeneau. Dean Tiffeneau, of the Faculté de Médecine of Paris, died suddenly in June from a heart attack. Dean Tiffeneau was born in 1875 and was head of the department of pharmacology and dean of the Faculty of Medicine. He was a leader in the development of synthetic organic chemistry in France and well known for his studies on the mechanism of cellular sensitivity to poisons. He was largely responsible for the introduction of ouabain in medicine and was responsible for the introduction of bioassay standards for France. His 'Annual Reviews of Pharmacology' were long a feature of French clinical journals. He was a member of the Académie des Sciences and of the Académie de Médecine. He was the representative for France on the International Committee of Narcotics Control and on the International Pharmacopoeia."

SCIENTIFIC EVENTS

ORDNANCE RESEARCH LABORATORIES AT THE PENNSYLVANIA STATE COLLEGE

THE U. S. Navy has completed arrangements for the establishment of two permanent ordnance research laboratories which will be in operation by fall at the Pennsylvania State College under a Bureau of Ordnance contract. The establishment of these laboratories is in keeping with the policy of forming research affiliations with educational institutions to further development of naval weapons and for educational purposes in such military problems during the postwar period.

The Ordnance Research Laboratory, dealing with underwater ordnance, will be housed in a new building now under construction. The work will be a continuation of the research formerly carried on by the Underwater Sound Laboratory at Harvard University which has been sponsored by the Office of Scientific Research and Development, with technical direction from the Bureau of Ordnance. Dr. Eric A. Walker, who was in charge of the Ordnance Research Division at Harvard, will direct the new laboratory and also will be the head of the department of electrical engineering.

Assistant directors of the laboratory will be A. N. Butz, Jr., who formerly operated a private electronics research laboratory; R. R. Thompson, formerly associated with the Bell Telephone Laboratories and the Humble Oil and Refining Company, and Dr. Harvey Brooks. All these men are now affiliated with the

Harvard University Laboratory. A staff of approximately one hundred and twenty-five scientists, technicians and clerks will be transferred from the Harvard Laboratory to the new unit. In addition to the work that will be carried on in the Ordnance Research Laboratory, this laboratory will also operate a calibration station at the Black Moshannon Lake, approximately twenty miles from State College, and a test station at Fort Lauderdale, Fla.

The Petroleum Refining Laboratory has been in operation for approximately sixteen years. During the present war emergency, it has also been under sponsorship of the Office of Scientific Research and Development. The plan is for this laboratory to continue with the petroleum research under a direct contract with the Bureau of Ordnance, including special work for and technical reports to the other services. Dr. M. R. Fenske will continue as director, a position that he has held since the laboratory was established. Assisting Dr. Fenske is Dr. Dorothy Quiggle and R. A. Rush. The staff of the laboratory includes more than fifty chemists, chemical engineers and technicians.

The Ordnance Research Laboratory has been placed under the School of Engineering (H. P. Hammond, *dean*), and the Petroleum Refining Laboratory is under the School of Chemistry and Physics (F. C. Whitmore, *dean*). Most of the scientific and technical personnel will hold academic appointments on the faculty of the college.