

Both in his professional work and in other fields his keen, clear mind made his opinions and studies authoritative. As a teacher, his logical and lucid explanations were excellent; several students have commented to the author on the clarity of Dr. Vernon's presentations. His friends knew him to have complete sincerity and integrity. His keen, dry sense of humor and precision of expression made it an intellectual treat to hear him speak. His thorough training in the three fields of mathematics, physics and chemistry, gave him unusual ability in his varied research work, and enabled him to teach with a breadth of vision.

WORDEN WARING

TULANE UNIVERSITY

RECENT DEATHS

DR. HENRY HURD RUSBY, professor of botany, physiology and materia medica and dean emeritus of the New York College of Pharmacy, Columbia University, died on November 18 at the age of eighty-five years.

FRED E. GLADWIN, chief in research in pomology of the New York State Agricultural Experiment Station, died on November 16. Mr. Gladwin had been in charge of the station's Vineyard Laboratory at Fredonia, N. Y., since 1909.

DR. JOHN P. TURNER, assistant professor of zoology at the University of Minnesota, died on November 11 at the age of thirty-eight years.

PROFESSOR J. FRANKLIN COLLINS, taxonomist and forest pathologist, died on November 15, after a long illness. A correspondent writes: "He would have been seventy-seven years old in the last of December. Professor Collins was assistant professor of botany,

curator of the Olney Herbarium and chairman of the department at Brown University until 1911, and from then until his retirement in 1934, he was successively forest pathologist, pathologist and senior pathologist, in charge of the Office of Forest Pathology, of the Bureau of Plant Industry, located at Brown University, which dealt with the diseases of trees and ornamental shrubs. During the latter period he was also lecturer and curator of the herbarium at Brown University."

SIR FREDERIC STUPART, formerly director of the Meteorological Service of Canada, died on September 27 in his eighty-fourth year. A correspondent writes: "Sir Frederic entered the Meteorological Service of Canada just after it was organized, in December, 1872, became director in December, 1894, and retired in July, 1929. He was knighted in June, 1916. He was a past president of the American Meteorological Society, an honorary life member of the Royal Meteorological Society of England and a fellow of the Royal Society of Canada. He issued the first weather forecasts from the Canadian Service and had much to do with the development of the Meteorological Service since its inception until the time of his retirement. He was prominent at the international meteorological meetings held during his term as director, and published many articles, especially on the climatology of Canada."

ERNEST WILLIAM MACBRIDE, since 1919 until his retirement in 1934 professor emeritus of zoology of the Imperial College of Science, South Kensington, of the University of London, Strathcona professor of zoology at McGill University from 1897 to 1909, died on November 19. He was seventy-three years old.

SCIENTIFIC EVENTS

THE PLANT, SOIL AND NUTRITION LABORATORY BUILDING OF THE FEDERAL GOVERNMENT AT CORNELL UNIVERSITY

THE United States Plant, Soil and Nutrition Laboratory Building which the Federal Government has erected at Ithaca, according to the *Cornell Alumni News*, opened this autumn under the direction of Dr. Leonard A. Maynard, professor of animal nutrition at the university. Some of its staff hold joint appointments with the U. S. Department of Agriculture and the university; others are members of the university whose research is being coordinated with that of the laboratory.

Dean Carl E. Ladd, of the College of Agriculture, explains that the laboratory "will attempt to coordinate all present knowledge of vitamins, the effect of minor mineral elements on plants, and the results of

lack of essential elements on the health and growth of animals and people. It will, in general, enlarge present knowledge of plant and animal nutrition and project present knowledge into new fields."

Coincidentally with its opening, the university announced appointment of Dr. Karl C. Hamner as assistant professor of plant physiology in the department of botany, to be in charge of plant investigations in the laboratory, and of Dr. Gordon H. Ellis as biochemist in the laboratory and assistant professor of biochemistry and nutrition.

Professor Hamner has been for three years a member of the department of botany at the University of Chicago, part of his research dealing with relations of hormones and vitamins to plant growth.

Professor Ellis has been an instructor in animal nutrition, working with Professor Maynard and Professor Clive M. McCay on the relation of diet to age

changes, with special reference to the chemistry and physiology of lactation.

Two of three projected wings of the new laboratory building, costing \$100,000 each, are now completed. The building was designed by the University Department of Buildings and Grounds with Carl C. Tallman as consulting architect, and was constructed by the Federal Government on a site leased from the university.

FELLOWSHIPS OF THE E. I. DU PONT DE NEMOURS AND COMPANY

E. I. DU PONT DE NEMOURS AND COMPANY has awarded six postdoctorate fellowships for research in organic chemistry and twenty postgraduate fellowships for research in the field of chemistry for the academic year 1941-42. Twenty institutions will benefit. The postdoctorate fellowships are for \$2,000 each, and the postgraduate fellowships are for \$750 each.

The postdoctorate fellowships will be placed under the direction of R. T. Arnold, instructor, University of Minnesota; Paul Bartlett, assistant professor, Harvard University; Ralph Connor, assistant professor, University of Pennsylvania; R. C. Elderfield, assistant professor, Columbia University; C. B. Purves, assistant professor, Massachusetts Institute of Technology, and H. R. Snyder, instructor, University of Illinois. These men will succeed an equal number of faculty members who have held the grant in the past few years. This is in accord with the policy of rotating the grants so that especially meritorious younger instructors and professors may participate in the plan.

Appointments to the postgraduate fellowships will be made later in the academic year by the heads of the chemistry departments of the respective universities. The twenty institutions to which awards have been granted are:

The University of California, University of Chicago, Columbia University, Cornell University, Harvard University, University of Illinois, the Johns Hopkins University, Massachusetts Institute of Technology, University of Michigan, University of Minnesota, Northwestern University, Ohio State University, Pennsylvania State College, University of Pennsylvania, Princeton University, Purdue University, Stanford University, University of Virginia, University of Wisconsin and Yale University.

Fellowships for advanced work in chemistry were established by the du Pont Company in 1918, when there was a dearth of men adequately trained for chemical research. Through the fellowship plan, the company sought to prepare promising young men for a career in this phase of science. These grants, which with one interruption have been maintained since 1918, differ from the average industrial fellowship in that the selection of the beneficiary and the subject of research are left to the discretion of the university.

There is no actual or implied obligation as to future employment of the fellowship holder. The success of this plan is evinced by the fact that its beneficiaries have been widely employed.

Through the postdoctorate phase of the plan, the company provides funds with which gifted younger instructors and professors may carry on broad and difficult researches by employing highly qualified assistants. This assistance is intended not only to increase contributions to science, but also to perfect the technique of these men in teaching chemical research, thus enhancing their interest in remaining in the academic field. The company is mindful of its debt to university chemical faculties and desires its postdoctorate program to open larger avenues of service to promising younger teachers.

THE PAN AMERICAN CONGRESS OF OPHTHALMOLOGY

THE Pan American Congress of Ophthalmology was organized on a permanent basis at the meeting of the first congress, which was held in Cleveland, on October 11 and 12, under the auspices of the American Academy of Ophthalmology and Otolaryngology.

Dr. Harry S. Gradle, Chicago, was elected president of the congress. Drs. Conrad Berens, New York, and Moacyr E. Alvaro, São Paulo, Brazil, who served with Dr. Gradle as members of the committee that organized the initial meeting, were elected executive secretaries.

The following vice-presidents were elected: Drs. S. Hanford McKee, Montreal; Frank E. Brawley, Chicago; Edward Jackson, Denver; Tomas R. Yanes, Havana; A. Vasquez-Barriere, Montevideo, Uruguay; Jose Pereira Gomes, São Paulo, and Enrique Demaria, Buenos Aires.

There will also be a council, which is to be formed by one representative from each of the twenty-one American republics. The representative from each country is to be elected by the national ophthalmological society or societies, if such exist; if there is no such society, the government of the country will be asked to appoint a member of the council.

Montevideo was tentatively selected as the place of the next meeting, to be held in 1943.

Eighteen delegates representing governments, universities, hospitals and medical societies in Brazil, Chile, Costa Rica, Cuba, Colombia, Guatemala, Panama and Puerto Rico were present in Cleveland. An extensive program of scientific papers was presented, about equally divided between English, on the one hand, and Spanish and Portuguese on the other. English papers were discussed by Latin American speakers; those in Spanish or Portuguese by the English-speaking physicians.

The language difficulty was overcome successfully by the use of slides. Extensive summaries of the papers