

investigators who may be widely separated geographically, and to provide a forum for assembling and correlating present knowledge and difficulties, and for directing attention toward fundamental lines of research which should be the subject of future investigations.

The week's activities will be divided into separate sessions on applications to biology, chemistry, radiology, metallurgy, geology, and to general sessions relating to the production and use of radioactive and stable isotopes, and the protection of workers from radiation. The subjects to be discussed are:

October 28, Techniques and Standards in Terrestrial Radioactivity Measurements; Tracer Studies of Metal Diffusion and Corrosion; Geochemical Applications of Radioactivity; Radiography with Gamma-Rays, X-Rays and Neutrons.

October 29, Radioactive Methods of Geologic Age Determinations; Tracer Techniques in General Chemistry; General Aspects of Cancer Therapy; Geophysical Applications of Nuclear Physics; Tracer Techniques in Analytical Chemistry; Radium and Roentgen Therapy.

October 30, Production of Radioactive and Stable Isotopes and of Penetrating Radiations; Measurement of Radioactive and Stable Isotopes and of Penetrating Radiations.

October 31, Protection of Workers from Biological Effects of Radiation; Synthesis of Organic Substances Containing Tracers; Neutron and Artificial Radioactivity Therapy; Tracer Techniques in Biology.

November 1, Dosage Measurements; Tracer Studies of Plant and Animal Metabolism; Radiobiology; Tracer Studies (continued).

November 2, Tracer Studies (concluded); Contributed Papers.

The daily sessions will consist of short invited papers by leading investigators followed by discussion. Ample time will be allowed between and after regular sessions for personal and informal conferences. While the emphasis will be on the program of invited papers and the discussion of these, provision has also been made for a limited number of ten-minute contributed papers. Five one-hour evening sessions will be held, in each of which an outstanding investigator will summarize the status of the several fields which are joined together by the conference. The evening lectures will be open to the general public.

The committee in charge of the program includes Robley D. Evans, *chairman*, Massachusetts Institute of Technology; Elmer Hutchisson, *secretary*, University of Pittsburgh; Henry A. Barton, American Institute of Physics; Edw. U. Condon, Westinghouse Electric and Manufacturing Company; Lee A. DuBridge, University of Rochester; G. Failla, Memorial Hospital, New York; Clark Goodman, Massachusetts Institute of Technology; Ernest O. Lawrence, University of California; Harold C. Urey, Columbia University.

Letters and inquiries should be addressed to Professor Robley D. Evans, *general chairman*, Conference on Applied Nuclear Physics, Massachusetts Institute of Technology.

RETIRING MEMBERS OF THE FACULTY OF THE OHIO STATE UNIVERSITY

The Ohio State University Monthly reports that five members of the faculty of the Ohio State University retired at the close of the academic year with the title emeritus. They have served for periods ranging from twenty-six to forty-one years.

Those on whom the title was conferred are Dr. William E. Henderson, professor of chemistry; Dr. George Bolling, professor of classical languages; Dr. James E. Hagerty, professor of social administration; Dr. Edwin F. Coddington, professor of civil engineering, and Professor Alonzo Tuttle, of the College of Law.

In recognition of their services, the Board of Trustees adopted the following resolution:

Whereas, Five members of the Ohio State University faculty are retiring from active duty on September 1, 1940, with the well-merited rank of emeritus professors, and

Whereas, In their periods of university service ranging from twenty-six to forty-one years they have given unselfishly and devotedly of their time and energy in the classroom and in the laboratory, in important committee responsibilities, and in other areas of the institution's activities and relationships; now, therefore, be it

RESOLVED that this board express the gratitude and appreciation of the Ohio State University to the following five members of the faculty who are soon to relinquish the responsibilities of active membership on the staff.

The citations for Professor Henderson and Professor Coddington are given below:

DR. WILLIAM E. HENDERSON, professor of chemistry, who has distinguished himself in his professional field as a teacher and as an author; who has served since 1899 as a member of the faculty in the department of chemistry, with added responsibilities in the years 1921 to 1927 as dean of the College of Arts, Philosophy and Science, and more recently as a member of the faculty committee to advise with the Board of Trustees on university affairs.

DR. EDWIN F. CODDINGTON, professor of geodetic engineering; an alumnus of our own university who returned to the faculty of his alma mater in 1902 and has served it continuously and with devotion since that time, in the departments of mathematics, mechanics and civil engineering, as well as on the staff of the Engineering Experiment Station; for five years, 1915 to 1920, he was acting dean of the College of Engineering.

RECENT DEATHS

DR. SIGARD ADOLPHUS KNOPF, physician of New York City, formerly professor of phthisiotherapy at the New York Post-Graduate Medical School, died on July 15 at the age of eighty-two years.

PROFESSOR FRANK GEORGE WREN, Walker professor of mathematics, dean of the School of Arts and Sciences of Tufts College, died on July 17 at the age of sixty-six years.

DR. HARRY AUGUSTUS ITTER, professor of geology at Lafayette College, died on July 14 at the age of forty-one years.

DR. MATTHEW YOUNG, lecturer in anatomy at University College, London, died on May 25 at the age of fifty-six years.

THE death is announced at the age of ninety years of Dr. Edoardo Maragliano, Senator of Italy, who had been president of the medical faculty and rector of the University of Genoa, and for forty-three years professor of clinical medicine.

SCIENTIFIC NOTES AND NEWS

The Archives of Pathology for July is dedicated to Dr. S. Burt Wolbach, Shattuck professor of pathological anatomy in the Harvard Medical School, pathologist of the Peter Bent Brigham Hospital and of other Boston hospitals. Dr. Walter B. Cannon writes an introduction to this special issue, which contains research articles by many of Dr. Wolbach's present and former students and associates.

DR. PHILIP E. SMITH, professor of anatomy at the College of Physicians and Surgeons of Columbia University, was recently awarded the Charles Mickle Fellowship of the University of Toronto in recognition of his work on the pituitary gland. The fellow receives the annual income from an endowment fund of \$25,000 provided under a bequest by the late Dr. W. J. Mickle. It is awarded annually "to that member of the medical profession who is considered by the council of the Faculty of Medicine of the University of Toronto to have done most during the preceding ten years to advance sound knowledge of a practical kind in medical art or science."

DR. D. C. WARREN, of the poultry department of the Kansas State College at Manhattan, was presented with the \$1,000 Borden Award "for outstanding research work in poultry husbandry in the United States and Canada during the past seven years," at the thirty-second annual meeting of the Poultry Science Association, which was held last month at Cornell University.

DR. KARL B. McEACHRON, director of the "Lightning Laboratory" of the General Electric Company in Schenectady, N. Y., received the award of the B. F. Goodrich Company "for distinguished public service" in special ceremonies at the World's Fair in commemoration of the hundred and eighty-fifth anniversary of Benjamin Franklin's kite experiment with lightning.

DR. WARREN H. LEWIS, who is retiring as research associate in the department of embryology of the Carnegie Institution of Washington and professor of physiological anatomy in the Johns Hopkins University, has been appointed a member of the Wistar Institute of Anatomy and Biology in Philadelphia, as

of July the first. The Carnegie Institution is maintaining at the Wistar Institute the program of Mrs. Warren H. (Margaret A. R.) Lewis, research associate in the institution, on the same basis as in past years at the laboratories of the Carnegie Institution in Baltimore, and the International Cancer Research Foundation is continuing to assist the investigations of Dr. and Mrs. Lewis by a grant for research assistance as in past years.

DR. KARL K. DARROW, research physicist at the Bell Telephone Laboratories, has been appointed visiting professor of physics on the William Allan Neilson Foundation at Smith College for the second semester 1940-41. He will be the fifth scholar to occupy the chair, which was founded in 1927 as a gift to William Allan Neilson in recognition of his completion of ten years service as third president of Smith College. The foundation was permanently endowed by alumnae, undergraduates and friends of the college in June, 1935. Dr. Darrow will present a series of lectures in the field of atomic physics suitable for members of the department and for advanced students, seniors and graduate students of other departments. He will also contribute to a seminar in nuclear physics.

RECENT promotions at the College of Medicine of the State University of Iowa include the following: Dr. Erwin G. Gross, chairman of the department of pharmacology; Dr. Walter R. Ingram, professor and head of the department of anatomy, neuroanatomy, histology and embryology; Dr. Rubin Flocks, associate professor of urology, and Dr. Irving H. Borts, assistant professor of hygiene and preventive medicine.

DR. CARL C. PFEIFFER, formerly instructor in pharmacology at the University of Chicago, has been appointed associate professor of pharmacology at Wayne University Medical School.

THE REV. CHARLES A. BERGER, of the department of biology at Woodstock College, Md., has become head of the department of biology at Fordham University. Dr. George Antonoff, of the Universities of Manchester and Cambridge, has been appointed visiting professor of chemistry.