

Dr. Bolton will be the thirty-ninth member of the group of distinguished chemists to receive this medal. He was also awarded the Sheldon Fellowship from Harvard, and under this fellowship did post-doctorate research at the Kaiser Wilhelm Institut für Chemie, in Berlin. Here in the laboratory of Professor Richard Willstätter he isolated and established the chemical constitution of the pigments of geraniums, scarlet sage and dark red chrysanthemums.

His undertaking in 1925 of a search for a practical synthetic rubber, in spite of previous repeated failures, emphasizes his vision and boldness as a research director. Through his persistent stimulation and guidance, this search culminated in the commercial manufacture of chloroprene synthetic rubber—commonly known as neoprene—which to-day is a key product in the national synthetic rubber program.

A broad program to explore the fundamentals of polymerization phenomena was undertaken by the Chem-

ical Department in 1928 under the late Dr. Wallace H. Carothers. In the course of these studies synthetic polyamides were discovered, and under Dr. Bolton's direction the development of nylon as a new and revolutionary commercial textile fiber was brought to successful fruition.

In 1941, Dr. Bolton received the Chemical Industry Medal, which is awarded annually by the American Section of the Society of Chemical Industry, for "valuable application of chemical research to industry."

An informal reception for the medalist will be held at the Commodore Hotel immediately before the presentation dinner. Dr. Norman A. Shepard, of New York City, chairman of the American Section of the Society of Chemical Industry, will preside. The medal will be presented to Dr. Bolton by Dr. Marston T. Bogert, senior past president of the society.

SCIENTIFIC NOTES AND NEWS

DR. EDWARD B. KRUMBHAAR, professor of pathology in the School of Medicine and in the School of Graduate Medicine of the University of Pennsylvania, has been elected an honorary fellow of the Royal Society of Medicine, London, "in recognition of his distinguished services to science."

At the Niagara-Buffalo meeting of the Electrochemical Society, which will be held on October 12, 13 and 14, the Acheson Medal and Prize of \$1,000 will be presented to Dr. William Blum, of the National Bureau of Standards. On Friday there will be a reception in honor of Dr. Blum, which will be followed by the Acheson Medal Dinner, at which the speakers will be Sidney Dale Kirkpatrick, of the McGraw-Hill Publishing Company, president of the society; Professor Hiram S. Lukens, of the University of Pennsylvania; Thomas Slattery and Dr. Blum.

ALEX D. BAILEY, vice-president of the Commonwealth Edison Company, Chicago, has been elected president of the American Society of Mechanical Engineers.

L. M. K. BOELTER, professor of mechanical engineering and associate dean of the College of Engineering of the University of California at Berkeley, has been appointed dean of the College of Engineering of the University of California at Los Angeles, effective on November 1. The College of Engineering at Los Angeles was authorized in a bill passed by the last Legislature, which appropriated \$300,000 to begin the work. No provisions were made for a building, since construction has not been possible, but an engineering building to cost \$1,250,000 will be the first to be erected under the postwar construction plans of the university.

At the Iowa State College the following appointments have been announced: head of the department of foods and nutrition, Dr. Erceel S. Eppright, of Texas College for Women; head of the department of institution management, Dr. Grace M. Augustine, of Texas College for Women; associate professor of foods and nutrition, Dr. Gladys Everson, of Wayne University; assistant professor of agricultural engineering, V. J. Morford, specialist in vocational education, the U. S. Office of Education. Dr. Pearl Swanson, professor of foods and nutrition at the college, in addition to her present position becomes assistant director of home economics research in the Agricultural Experiment Station.

DR. RICHARD H. GOODWIN, of the University of Rochester, has been made chairman of the department of botany and director of the Connecticut Arboretum at Connecticut College, New London. He succeeds Dr. George S. Avery, Jr., who resigned to become director of the Brooklyn Botanic Garden.

FOLLOWING the death of Dr. Edwin G. Woodward on July 7 from injuries received in the recent circus fire at Hartford, Conn., William L. Slate, director of the Connecticut Agricultural Experiment Station at New Haven, has been serving as acting director of the Agricultural College of the University of Connecticut at Storrs.

DR. JAMES O. BROWN has been appointed associate professor of anatomy and acting head of the department at the Woman's Medical College during the absence of Professor Hartwig Kühlenbeck, who has been commissioned captain in the Medical Corps, Army of the United States.

DR. DWIGHT W. BENSEND has been appointed associate professor of forest measurements and utilization at the Utah State Agricultural College at Logan. Dr. Bendsend was formerly instructor in forestry at the University of Minnesota, and more recently was engaged in research and instruction at the Forest Products Laboratory at Madison, Wis.

DR. JOHN W. ROSS has been appointed vice-dean for dentistry in the Graduate School of Medicine of the University of Pennsylvania. He will work in co-operation with the vice-deans for other medical studies under Dr. Robin C. Buerki, dean of the Graduate School, of which the scope has been enlarged to include graduate studies in dentistry.

DR. J. FISHER STANFIELD has been appointed professor of botany at Miami University, not of botany and bacteriology, as was reported recently. Dr. Orton K. Stark is professor of bacteriology in charge of the division of bacteriology of the department of botany and bacteriology.

DR. THOMAS FERGUSON, deputy chief medical officer of the Department of Health for Scotland, has been appointed to succeed Professor James M. Mackintosh as professor of public health in the University of Glasgow.

PROFESSOR LOUIS A. OLNEY, head of the department of chemistry and textile coloring of the Lowell Textile Institute, has retired with the title emeritus.

DR. JNO. A. FLEMING, general secretary of the American Geophysical Union of the National Research Council, announces the appointment of Waldo E. Smith to the newly created post of executive secretary of the union. Mr. Smith has recently been engaged on hydraulic engineering and hydrologic studies with the Public Roads Administration, Washington, D. C. He took up his new work on September 21.

DR. MERVIN J. KELLY, director of research of the Bell Telephone Laboratories, has been appointed to the newly established position of executive vice-president of the laboratories. Otto B. Blackwell, vice-president, has resigned to become assistant vice-president of the American Telephone and Telegraph Company.

DR. E. ARTHUR BEAVENS, bacteriologist of the Laboratory of Fruit and Vegetable Chemistry, Bureau of Agricultural and Industrial Chemistry at Los Angeles of the U. S. Department of Agriculture, has been appointed chemist in charge of the laboratory.

DR. WILLIAM A. LALANDE, JR., formerly director of research of Attapulgas Clay Company, has become director of the Research Division of the Pennsylvania Salt Manufacturing Company.

Nature reports that Dr. James Philp, who has been

in charge of the cereal division of the plant breeding section of the Egyptian Ministry of Agriculture, has been appointed director of research for the South African Wattle Growers' Union, Pietermaritzburg. He is also acting in an advisory capacity to the Forestry Division of the South African Government, with which he was previously engaged as its first forest geneticist.

DR. KENNETH B. TURNER, on leave of absence from the College of Physicians and Surgeons of Columbia University, is directing the editing and publication of a weekly journal entitled *Summary of Reports Received by the Committee on Medical Research*, under the auspices of the Committee on Medical Research of the Office of Scientific Research and Development. Circulation of the publication is restricted to selected members of the Medical Corps in the United States, Canada and Great Britain.

PROFESSOR V. N. BUKIN, head of the Vitamin Laboratories of the Biochemical Institute of the Academy of Sciences of the USSR, is visiting the United States to make a study of vitamin research and production centers. He was recently guest of honor at a luncheon at the Hotel Pierre, New York, tendered by the Food Research Laboratories, Long Island City. Professor Bukin's headquarters are at the Government Purchasing Commission of the Soviet Union, 1610 Park Road, N.W., Washington, D. C.

It is reported in the daily press that Dr. Paul Langevin, Nobel laureate in chemistry, until 1940, when he was dismissed by the Vichy Government, professor of physics at the Collège de France, has returned to Paris as director of the School of Physics and Chemistry.

AN all-day conference on the "Implications of Nutrition and Public Health in the Post War Period" will be held in the Horace Rackham Memorial Building in Detroit on Friday, November 3, under the auspices of the Research Laboratory of the Children's Fund of Michigan. The following topics will be discussed: "The International Implications of Freedom from Want of Food," by Dr. Frank G. Boudreau; "The Importance of Proteins in Resistance to Infection," by Dr. Paul R. Cannon; "Maintaining Dental Health," by Dr. Phillip C. Jeans; "Vitamins and the Health of the Nation," by Dr. Charles G. King; "Food Production for Better Health and Longer Life," by L. A. Maynard; "Our National Diet and Future Health," by Dr. E. V. McCollum; "The Role of Food Technology in Improving Nutrition," by Dr. Roy C. Newton; "Nutritional Reconditioning of Children in Occupied Countries," by Dr. Harold C. Stuart; "Research and Nutrition for Human Health," by Group Captain Fredrick F. Tisdall, Canada.

A POSTGRADUATE Assembly on Nervous and Mental Diseases, and War, sponsored by the Institute of Medicine of Chicago, will be held on November 1 and 2 in the Palmer House, and will be devoted to phases of neurology, psychiatry and neurosurgery that are of particular importance at this time. There will be five addresses on each of the two mornings and on one afternoon. A "Neuropsychiatric Information Please" program will be given on the first evening, with Dr. Foster Kennedy as moderator, and panel discussions on the afternoon of the second day. The seventeenth Pasteur Lecture of the Institute of Medicine of Chicago will be delivered on the second evening by Dr. Edward A. Strecker. Complete programs and registration cards can be secured by addressing the Institute of Medicine of Chicago, 86 Randolph Street, Chicago 1, Illinois.

The Experiment Station Record reports that, following a request of Dr. L. H. Bailey, the name of the Cornell University Arboretum has been changed to the Cornell Plantations. Dr. Bailey will serve as chairman of the policy committee to work out details for an enlargement of scope, whereby in addition to the usual plant collections there will be included all things that grow, animals as well as plants, the idea being to constitute an educational program designed to embody a whole series of enterprises based upon the land.

THE Ordnance Distinguished Service Award for outstanding contributions to ordnance progress during the course of the war has been given by the War Department to the Battelle Memorial Institute, Columbus, in recognition of scientific and engineering achievement.

THE *Journal* of the American Medical Association reports that a gold medal will be awarded annually by the Ophthalmological Society of Egypt for "the contribution deemed most valuable that year in the field of ophthalmology." A competitive essay will determine the award, which will be considered at the annual congress of the society. Additional information may be obtained from the Ophthalmological Society of Egypt, Dar el Hekma, 42 Kasr el Ainy Street, Cairo.

THE *Bulletin* of the Chicago Natural History Museum reports that an unusually large and fine nephrite jade boulder weighing 2,490 pounds has been received by the museum as a gift from James L. Kraft of Chicago. The rounded boulder is oblong-oval in shape with one flattened side and is approximately 4 by 2½ by 2½ feet in its principal dimensions. It is probably the second largest piece yet discovered in the United States and was found in an area about fifty miles southwest of Lander. The boulder formed the peak of an eroded mountain with an elevation of about seven thousand feet. It has been placed on exhibition

in the Hall of Minerals. A small section, about half a square foot in area, has been cut from one end and polished so as to bring out the rich dark green color and variegated markings of the specimen.

THE General Electric Company has purchased a one hundred and fifty-five acre plot of ground in Liverpool, five miles from the city of Syracuse, N. Y., and, when necessary materials are released by the government, will build a new plant and make it the headquarters for its department of electronics. Definite plans for the proposed plant have not been made, but preliminary arrangements call for the erection of several buildings so landscaped that it has been suggested that the plant be called "Electronics Park."

THE University of Oxford has established an Honor School of Forestry to take the place of the existing "Pass School" in this subject.

Nature states that at a recent meeting of the Geological Society of London, it was decided provisionally to admit persons between the ages of eighteen and twenty-three as junior associates. Such junior associates will enjoy most of the facilities offered by the society, except that they may not attend discussions relating to the management of the society's affairs, and they will not be entitled to vote at any meeting; they will not continue as junior associates after the close of the calendar year in which they become twenty-three.

THE British Minister of Agriculture has appointed Professor J. A. Scott Watson, who has been Agricultural Attaché at the British Embassy in Washington for the past two years, to be chief education and advisory officer to the ministry. He will take up his new appointment on October 1. According to *The Times*, London, this is a new post, and its creation is in harmony with the intensified effort which is being made in the direction of more agricultural education, research and advice. A few weeks ago the bill setting up the National Advisory Service became law, and this places the control of all county and provincial advisory services in the hands of Mr. Hudson, the Minister. The service will be financed wholly by the Treasury, and the expenditure will be at least £1,000,000 a year. Professor Scott Watson, whose wide experience will be of great value to the new service, has been deeply impressed by the developments of agricultural research in the United States. He has stated that "that country now leads the world in this respect, and has advocated that research workers of Great Britain should be sent there for advanced training and that past contacts should be strengthened in order to bring the full power of science to bear on farm problems."