

1934. Sixteen million dollars, or more than half the amount, was raised in 1943 and 1944. The increase was probably due in part to the high incidence of the disease. Since the National Foundation was organized six years ago, it has made two hundred and ninety-eight grants to seventy-four institutions involving a hundred and fourteen groups of workers. During the past eleven years almost \$15,000,000 of the amount collected has been left with the counties where raised to provide medical care for the thousands of new patients reported each year. This averages about \$444 per county per year, and \$160 for each new case reported during that period.

Of the balance of nearly thirty million dollars, the sum of approximately thirteen million dollars has been appropriated as follows: virus research, \$2,053,761; after-effects research, \$1,405,292; education, \$1,179,215; epidemics, \$637,548; Tuskegee Institute, \$404,256; Georgia Warm Springs Foundation, \$825,000—total \$6,508,475.

From the first four celebrations of the President's birthday, which occurred prior to the establishment of the National Foundation, the sum of \$3,364,217 was realized. Of this sum \$1,655,825 remained in the counties to provide for medical care; \$1,467,392 was given to the Georgia Warm Springs Foundation, for which the birthday celebrations were originally initiated, and \$241,000 to a commission to be used for scientific research.

It is estimated that the National Foundation and its chapters have expended more than a million dollars up to September 1 on the 1944 epidemic alone. In addition there will be the necessity of caring for many of its victims in years to come, while continuing the care for those of former years.

MELLON INSTITUTE TECHNOCHEMICAL LECTURES

A SERIES of lectures on keeping up with chemical technology will be presented by specialists of Mellon Institute of Industrial Research during 1944-45. These discourses, which will be delivered on Wednesdays from 11:40 A.M.-12:30 P.M. throughout both semesters in the auditorium of the institute, will be open to all students in the professional courses in chemical engineering and chemistry in the University of Pittsburgh, as well as to members of the institute.

1944

- October 11, Dr. E. W. Tillotson, Economic Aspects of the Chemical Industries
- October 18, Dr. W. A. Gruse, Advances in Petroleum Technology
- November 1, Dr. R. W. Miller, Developments in the Gas Industry

- November 15, Dr. H. J. Read, Progress in the Electrochemical Field
- November 22, Dr. L. A. Carapella, Light Metals and Alloys
- December 6, Dr. H. L. Anthony, Welding and Brazing of Pressure Vessels
- December 13, G. W. Seagren, Protective Coatings

1945

- January 10, Dr. W. H. Hill, Coal Distillation
- January 17, Dr. R. L. Wakeman, The Newer Plastics
- February 21, Dr. B. B. Corson, Industrial Catalysis
- March 7, Dr. L. T. Sandborn, Utilization of Wood Constituents
- March 21, R. G. Ruark, Corn Products
- April 4, Dr. R. J. Sumner, Wheat Products
- April 18, Dr. G. E. Helz, Food Packing Industry
- May 2, Dr. T. H. Swan, Advances in Textile Technology
- May 16, W. C. L. Hemeon, Industrial Hygiene

CHICAGO MEETING OF MATHEMATICIANS

THE American Mathematical Society and the Mathematical Association of America will hold meetings in Chicago from November 24 to 26, inclusive. The sessions will be held at the Museum of Science and Industry. The sessions of the American Mathematical Society will open on Friday morning and continue through Saturday afternoon. Professor Will Feller will deliver an address by invitation on "Limit Theorems in the Theory of Probability." On Friday evening the Josiah Willard Gibbs Lecture will be given by Professor John von Neumann on "The Ergodic Theorem and Statistical Mechanics."

The Mathematical Association will hold its meetings on Saturday evening and Sunday morning. The complete program will be mailed early in November to all members of the association, and to any non-members who send a request to the Secretary, at McGraw Hall, Cornell University, Ithaca, New York.

Hotel headquarters will be at the Hotel Windermere, 1642 East 56th Street. Due to the influx of visitors on war business, there is a scarcity of hotel space in Chicago and members are urged to make reservations well in advance. They should be made directly with the hotel concerned.

AWARD OF THE PERKIN MEDAL

THE Perkin Medal of the American Section of the Society of Chemical Industry has been awarded to Dr. Elmer K. Bolton, chemical director of E. I. du Pont de Nemours and Company, Wilmington, Del., "in recognition of his outstanding accomplishments in the field of industrial research." Presentation of the medal will be made at a dinner meeting of the society at the Commodore Hotel, New York City, on January 5. The official announcement of the award reads in part:

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.