

more than 1,000 representatives of industrial firms, scientific groups and educational institutions.

The speakers included Donald M. Nelson, chairman of the War Production Board; Charles F. Kettering, president of the General Motors Research Corporation; Lieutenant General William S. Knudsen, of the War Production Board; and Jesse H. Jones, U. S. Secretary of Commerce.

Dr. Franklyn B. Snyder, president of Northwestern University, welcomed the delegates at the Monday morning conference. Other speakers were Walter J. Cummings, chairman of the committee on dedication; Governor Dwight H. Green, of Illinois; Alfred H. White, president of the Society for the Promotion of Engineering Education; Dr. Roger Adams, chairman of the department of chemistry of the University of Illinois, and Dr. Raymond Walters, president of the University of Cincinnati.

Current problems in industry and government were considered on Monday afternoon at a conference over which Henry T. Heald, president of the Illinois Institute of Technology, presided. The speakers were Lieutenant General William S. Knudsen of the War Production Board; Martin W. Clement, president of the Pennsylvania Railroad, and Alex D. Bailey, chief operating engineer of the Commonwealth Edison Company, Chicago.

The dinner program on Monday evening was presided over by Kenneth F. Burgess, president of the board of trustees of the university. Donald M. Nelson spoke on "Speeding Production," and Dr. Charles F. Kettering discussed "Cooperative Engineering Education."

Tuesday morning's conference was devoted to the scientific developments of to-morrow in research, industry and education, the speakers being Robert C. Disque, acting president of the Drexel Institute of Technology; Dr. W. F. G. Swann, director of the Bartol Research Foundation of the Franklin Institute; Dr. George O. Curme, Jr., director of research of the Carbide and Carbon Chemicals Corporation, New York; and Dr. Karl T. Compton, president of the Massachusetts Institute of Technology. The dedicatory convocation in the afternoon was held in the entrance court of the building, with seating accommodations of 2,000 guests.

Following an academic procession and the singing of the national anthem, Captain Frank H. Lash, chaplain corps, U. S. N., gave the invocation, after which the keys of the new building were formally accepted by Kenneth F. Burgess, president of the board of trustees, who presented them to Dean Ovid W. Eshbach, of the institute. The dedicatory address was delivered by Jesse H. Jones, U. S. Secretary of Commerce. Honorary degrees were conferred on

leaders in American business, government, science and education. A reception for delegates and official guests was held at the home of President Franklyn B. Snyder after the convocation.

The Technological Institute was established in 1939 through a gift of \$6,735,000 from Walter P. Murphy, a Chicago manufacturer of railway supplies. Construction of the new building, which contains ten acres of floor area, was begun on April 1, 1940, and was completed about the first of this year. Approximately \$1,000,000 worth of new scientific equipment for teaching and research has been installed.

The institute operates on the cooperative plan, under which students alternate a three-month period of study on the campus with an equal period of work in industry. Seventy large industrial firms in 12 different states cooperate with the institute in this program. The present enrolment is 525 students, which will be increased to 800 students in the fall.

THE AMERICAN MEDICAL ASSOCIATION

THE nine hundred and thirtieth annual convention of the American Medical Association opened in Atlantic City on June 1. The association has a membership list of 120,000 physicians and surgeons, of whom about 10,000 attended the meeting.

Colonel Fred W. Rankin, of Lexington, Ky., president-elect, was installed as president at the opening general meeting on Tuesday evening. He succeeded Dr. Frank H. Lahey, of Boston, who delivered the address of the retiring president. The concluding part of Dr. Rankin's address appears in this issue of SCIENCE. At this meeting the annual distinguished service medal was presented to Dr. Ludvig Hektoen, emeritus professor of pathology of Rush Medical College, University of Chicago.

The opening general scientific meeting was devoted entirely to papers by prominent physicians from Latin America and Canada. There were also twenty-five scientific exhibits by physicians from Central and South America and one special exhibit by the Brazilian Government. These exhibits were presented by physicians from Argentina, Brazil, Chile, Colombia, Cuba, Mexico and Peru. A large number of the principal manufacturers and dealers in the United States were represented at the exhibition.

Dr. James E. Paullin, of Atlanta, Ga., who was chairman of the Council on Scientific Assembly, was named president-elect of the association at the final session on June 11, and Dr. W. J. Carrington, of Atlantic City, was elected vice-president. Dr. Edward M. Pallette, Sr., of Los Angeles, was elected a member of the board of trustees to succeed Dr. Arthur M. Booth, of Elmira, N. Y. The name of the committee

on medical preparedness was changed to the committee on war participation.

The association will meet next year in San Fran-

cisco; the meeting in 1944 is to be held in St. Louis, providing transportation facilities permit; New York City was chosen as the meeting place for 1945.

SCIENTIFIC NOTES AND NEWS

HARVARD UNIVERSITY, at its 291st commencement exercises on June 11, conferred the doctorate of laws on Dr. Frederick P. Keppel, president of the Carnegie Corporation, retired. The doctorate of science was conferred on Dr. Adolf Meyer, professor emeritus of psychiatry of the Johns Hopkins University; on Dr. René J. Dubos, bacteriologist and associate member of the Rockefeller Institute for Medical Research, and on Dr. Reginald A. Daly, Sturgis-Hooper professor of geology at the university.

At Yale University the doctorate of laws was conferred on Dr. Vannevar Bush, president of the Carnegie Institution of Washington, and the doctorate of science on Dr. Robert R. Williams, chemical director of the Bell Telephone Laboratories of New York.

THE University of California conferred at commencement the degree of doctor of laws on Dr. Langley Porter, dean emeritus of the School of Medicine at San Francisco.

WILBUR B. RAYTON, director of the Bausch and Lomb Optical Company, Rochester, N. Y., received a doctorate of science from Syracuse University on June 8.

DR. WILLIS A. GIBBONS, director of the general development department of the United States Rubber Company, has been awarded the honorary degree of doctor of science by Wesleyan University.

AMONG honorary degrees conferred on June 15 by the Ohio State University was the doctorate of science on Dr. Edwin G. Hastings, professor of agricultural bacteriology at the University of Wisconsin. Dr. Herbert B. Brooks, consulting electrical engineer, Washington, was presented with the Benjamin G. Lamme Meritorious Achievement Medal awarded each year to an alumnus distinguished in engineering.

THE Francis P. Garvan Gold Medal honoring women in chemistry has been awarded by the American Chemical Society to Dr. Florence B. Seibert, associate professor of biochemistry at the Henry Phipps Institute of the University of Pennsylvania, for "distinguished work on the chemistry of tuberculosis." The presentation will be made at the one hundred and fourth national meeting, to be held in Buffalo from September 7 to 11. The Garvan Medal was founded by the late Francis P. Garvan, of New York, president of the Chemical Foundation.

LEWIS H. CARRIS, director emeritus of the National Society for the Prevention of Blindness, has been awarded the Leslie Dana Gold Medal for outstanding achievements in the prevention of blindness and the conservation of vision. The medal is given annually through the St. Louis Society for the Blind by Leslie Dana, of St. Louis, on the recommendation of the Association for Research in Ophthalmology.

DR. JOSEPH MCFARLAND, emeritus professor of pathology of the University of Pennsylvania School of Medicine, was presented on May 7 with the 1941 Strittmatter Award of the Philadelphia County Medical Society. The award, which consists of a scroll describing the accomplishments of the recipient and a gold medal, was presented by Dr. Jacob Parsons Schaeffer, chairman of the committee on the award. Dr. William Wayne Babcock, professor of surgery at the Temple University School of Medicine, delivered the annual DaCosta Oration. He spoke on "The Life of a Surgeon."

DR. ERNEST SACHS, of St. Louis, was elected president of the American Neurological Association at the meeting of the society held in Chicago on June 4, 5 and 6.

THE annual meeting ending the 1941-42 season of the Physical Society of Pittsburgh was held on June 4 in the auditorium of the Mellon Institute of Industrial Research. Dr. Harold G. Moulton, president of the Brookings Institution, Washington, D. C., addressed the meeting on "Science and Government." Officers of the society elected for the 1942-43 term are: *President*, Professor Otto Stern, Carnegie Institute of Technology; *Vice-president*, Dr. Sigmund Hammer, Gulf Research and Development Company; *Secretary-Treasurer*, Dr. Lee Devol, Mellon Institute of Industrial Research.

DR. ROBERT T. LEGGE, professor of hygiene at the University of California and chairman of the department, has retired with the title emeritus. He was connected with the university for a period of twenty-eight years.

IN appreciation of his thirty years of service to Cornell University and on the occasion of his impending retirement as professor of astronomy and geodesy and as chairman of the department of astronomy, the friends and associates of Professor S. L. Boothroyd tendered him a testimonial dinner on the evening