

tion of creating a company community in the immediate vicinity of the buildings. Murray Hill is about twenty-five miles from New York headquarters.

The executive offices of the Bell Telephone Laboratories will continue to be at 463 West Street, New York City, and a majority of the employees will continue to work there. With the addition at Murray Hill, however, about two thousand employees will work at the new location compared with more than one thousand employed there during the war. This will include all the research work and most of the work of apparatus development.

Though designed for peace-time use, the present new laboratory opened just as war was breaking and its new and adaptable space proved to be a great aid to Bell Laboratories' war service. Within its walls scores of war projects have been started, some small and completed quickly, others large and expanding from a room to whole sections of the building. The completion of the Murray Hill building project will find the Bell Telephone Laboratories well equipped to design better and more economical telephone and radio equipment for the Bell Telephone System. It will also be ready and equipped to continue its record of achievement in developments for the Army and Navy as they may have need for its services in the future.

THE WISCONSIN JUNIOR ACADEMY OF SCIENCE

APPROXIMATELY two hundred delegates from the clubs of the high schools in the Milwaukee area of the Wisconsin Junior Academy of Science met on May 20 at Marquette University to present scientific papers and demonstrations based on research work in high school. Two annual honorary memberships in the American Association for the Advancement of Science and several annual memberships in the Wisconsin Academy of Sciences, Arts, and Letters were awarded.

The Wisconsin Junior Academy of Science was formed last fall, under the joint sponsorship of the University of Wisconsin and the Wisconsin Academy of Sciences, Arts, and Letters, for the purpose of the discovery and development of scientific talent among the high-school pupils of Wisconsin. The project is under the supervision of Dr. John W. Thomson, assistant professor of botany at the University of Wisconsin. The organization is comprised of members of high-school science clubs from the entire state.

To supplement its work in encouraging individual research work among high-school students, the Junior Academy of Science is planning to sponsor a news bulletin reporting activities and research work beginning next fall, to be circulated among the clubs. Two cooperative projects with the scientific men of the state are being planned—one a study of the distri-

bution of Wisconsin trees and the other a collection of data on the blossoming and fruiting of common wild flowers and trees.

THE KANSAS ACADEMY OF SCIENCE

THE seventy-seventh annual meeting of the Kansas Academy of Science was held at Kansas State College, Manhattan, on April 14, with Dr. L. D. Bushnell, of the Kansas State College, presiding. An affiliated society, the Kansas Entomological Society, met with the academy. The local chapter of the American Association of University Professors held a meeting in cooperation with the academy.

In deference to the restrictions of the Office of Defense Transportation on the holding of general meetings, the meeting at Manhattan was local in character. The executive committee met at this time for the transaction of business. The meeting was small and was limited to the morning and afternoon, but this was the best means possible under the circumstances of maintaining the academy as an active organization. The general enthusiasm of those attending and the character and number of papers offered served to justify the decision to hold the meeting.

The morning was devoted largely to council and business meetings. The invitational address, entitled "Recent Advances in Plant Science," was given by Dr. Walter F. Loehwing, head of the department of botany, University of Iowa, at 10:00 A.M. before a combined college and academy assembly. This part of the program was broadcast over the radio of the Kansas State College, station KSAC, for the benefit of absent members and friends of the academy.

A noon-day luncheon was substituted for the usual annual evening banquet. At this time Dr. Leland D. Bushnell as retiring president gave an address entitled "Microorganisms and a Struggle for Existence."

During the afternoon section meetings were held for botany, chemistry, geology, physics, psychology and zoology. There was no meeting of the Junior Academy, but local chapters were encouraged to hold meetings. A ten-dollar award was offered to the Junior Academy doing the most outstanding work during the year. The total attendance was 116.

The following officers were elected for next year: *President*, Dr. John W. Breukelman, Kansas State Teachers College, Emporia; *President-elect*, Dr. Claude W. Hibbard, University of Kansas; *Vice-president*, Dr. John C. Peterson, Kansas State College; *Secretary*, Dr. Donald J. Ameel, Kansas State College; *Treasurer*, Dr. F. W. Albertson, Fort Hays Kansas State College; *Executive Council Members* (additional), Dr. L. D. Bushnell, Kansas State College; Dr. H. H. Lane, University of Kansas; Dr. Paul Murphy, Kansas State Teachers College, Pittsburg; and Miss

Edith Beach, Lawrence High School. Dr. Robert Taft, University of Kansas, continues as editor. Dr. Mary T. Harman and Dr. A. B. Cardwell, Kansas State College, were elected associate editors for a term of three years, and Dr. W. H. Schoewe, Univer-

sity of Kansas, was elected to serve a two-year term as associate editor. Dr. M. J. Harbaugh, Kansas State College, was elected librarian of the academy.

DONALD J. AMEEL

KANSAS STATE COLLEGE

SCIENTIFIC NOTES AND NEWS

DR. VANNEVAR BUSH, president of the Carnegie Institution and director of the Office of Scientific Research and Development, was presented on May 25 at a dinner meeting of the National Institute of Social Sciences in New York City with one of the gold medals awarded by the institute. The medal was awarded for "distinguished services in the field of science, in engineering education and in the application of research to the solving of problems of fundamental value to civilization." The presentation was made by Dr. Karl T. Compton, president of the Massachusetts Institute of Technology.

DR. ELMER D. MERRILL, administrator of Botanical Collections of Harvard University and director of the Arnold Arboretum, was elected on May 8 a corresponding member of the Academy of Sciences of the Institute of France to fill the vacancy caused by the death of Dr. S. Ikeno, of Tokyo.

At the ninety-second annual commencement of the University of Wisconsin, the doctorate of laws was conferred on Dr. William E. Wickenden, president of the Case School of Applied Science, Cleveland.

THE honorary doctorate of science was conferred on April 30 at the one hundred and twelfth commencement of Denison University on Dr. Carey Croneis, formerly professor of geology at the University of Chicago, now president of Beloit College, in recognition of his achievements "as a brilliant discoverer and interpreter of ancient forms of life, and a thorough and patient teacher of earth science."

THE honorary degree of doctor of science of Fordham University was conferred on May 24 on Dr. William J. Robbins, director of the New York Botanical Garden, at a special convocation in commemoration of the fiftieth anniversary of the garden.

THE Thomas Burr Osborne Gold Medal of the American Association of Cereal Chemists was presented on May 15 at a dinner in New York to John O. Baker, vice-president and director of Wallace and Tiernan Company, Inc. It was the first time that this award had been made for work in the industrial field. The medal was established in 1926, to signalize distinguished contributions to cereal chemistry. It has only been granted five times before and always for work in pure science and teaching.

THE Lamme Medal "for meritorious achievement in engineering or the technical arts" of the Ohio State University has been awarded to Taine G. McDougal, vice-president of the AC Spark Plug Division of the General Motors Corporation, Detroit. Presentation will be made at the commencement exercises of the university on June 8.

THE prize in pure chemistry of \$1,000 of the American Chemical Society for 1945 has been awarded to Dr. Frederick T. Wall, associate professor of physical chemistry at the University of Illinois, in recognition of his work on the thermodynamics and statistical mechanics of polymers. The award is made annually to encourage fundamental studies by young chemists working in North America.

DR. KATHARINE B. BLODGETT, of the General Electric Research Laboratory, Schenectady, N. Y., has received the Achievement Award of \$2,500 given by the American Association of University Women for distinguished research in developing films of almost infinitesimal thickness.

THE twenty-second annual meeting of the chapter of Sigma Xi at the University of Virginia was held on the evening of May 3. President Fred L. Brown received into membership seven associates and seven members. Dr. Julian F. Smith, of the Institute of Textile Technology, Charlottesville, Va., gave the annual address. The twenty-first award of the President and Visitors' Research Prize in the Natural Sciences and Mathematics was presented by President John L. Newcomb, of the University of Virginia, to Lester Van Middlesworth, Raymond F. Kline and Sydney W. Britton for their published work, "Carbohydrate Regulation under Severe Anoxic Conditions."

THE University of Rochester chapter of Sigma Xi held on May 3 its initiation ceremonies for new members and the installation of officers for 1945-1946. The new officers are: *President*, Dr. K. E. Mason, of the Medical School; *Vice-president*, Dr. C. F. H. Allen, of the Eastman Kodak Research Laboratories, and *Secretary-Treasurer*, Dr. C. D. Kochakian, of the Medical School. New members of the *Executive Committee* are Dr. Frances L. Haven, Medical School, and Dr. Roger P. Loveland, Eastman Kodak Research Laboratories. *Membership Committee*: Dr. A. B. F.