

THE PERUVIAN INSTITUTE OF CHEMICAL ENGINEERS

A MEETING of chemical engineers was held at the "Sociedad de Ingenieros del Perú" in September, 1944. At that meeting it was decided to constitute the Peruvian Institute of Chemical Engineers. The next three months were dedicated to the study of the constitution that was to guide the destinies of the institute; using wherever possible the constitution of the American Institute of Chemical Engineers.

Finally in December the first regular meeting was held. At that meeting the constitution was approved and it was decided that the institute should be known as Instituto Peruano de Ingenieros Químicos. Officers were nominated for the 1945-1947 period as follows:

President, Alfonso Montero.

Vice-president, Carlos Díaz-Ufano.

Secretary, Joaquín Vargas.

Treasurer, Luis Macchiavello.

Librarian, José María Cancino.

Directors, Manuel Yábar and Juan Vicente Cabrerizo.

The institute has already been incorporated under the laws of Peru, and also has been officially approved by the Peruvian Government.

The objects of the institute are to promote friendship among members of the profession; to promote the application of chemical engineering principles in the national industry; to improve methods of teaching chemical engineering; to set forth rules to guide the acts of its members; and to maintain scientific and cultural interchange with technical institutions in foreign countries.

There are four different categories of membership: Active members are graduated chemical engineers from universities of recognized standing who have their degrees registered as established by the Peruvian laws. Pre-active members are those chemical engineers who have not yet officially received their degrees, but who have completed their period of learning; a member can not hold the pre-active membership over two years. Associate members are those individuals holding the degree of industrial engineer, highly specialized in a chemical engineering field. Student members are the students of the fifth year in the "Escuela Nacional de Ingenieros."

At present there are only thirty-two members. Election for membership is not only for Peruvian citizens, but also for foreign chemical engineers holding a degree from a university of recognized standing.

JOAQUÍN VARGAS,
Secretary

THE WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

THE dedication of the Shrewsbury Laboratories of the Worcester Foundation for Experimental Biology

will take place at Worcester, Mass., on June 9. The ground on which the institution stands, the buildings and the equipment were purchased through funds contributed by the community of Worcester and Worcester County.

Dr. Harlow Shapley, director of the Harvard College Observatory, is president of the foundation. The scientific work is under the direction of Dr. Hudson Hoagland and Dr. Gregory Pineus, who is director of the laboratories. Among the trustees are Dr. Roy G. Hoskins, director of the Memorial Foundation for Neuroendocrine Research of the Harvard Medical School; Dr. William J. Crozier, professor of general physiology at Harvard University, and Dr. Wendell M. Stanley, member of the Rockefeller Institute for Medical Research at Princeton, N. J.

The foundation was incorporated in February, 1944, as a non-profit research and educational institution under the laws of the Commonwealth of Massachusetts. Its purpose is to make investigations at the discretion of its directors in the field of the biological sciences and publish the results of these investigations in scientific and medical journals so that they become freely available to the public.

Support of the foundation is provided for by grants from other philanthropic foundations, industry, government agencies and private individuals. Foundations which have contributed to the advancement of the work of the laboratory since 1930 to the present time include the National Research Council, the Rockefeller Foundation, the National Academy of Sciences (Bache Fund), the American Academy of Arts and Sciences (Permanent Science Fund), the American Philosophical Society (Penrose Fund), Child Neurology Research, the Dazian Foundation for Medical Research, the Finney-Howell Cancer Research Foundation, the Josiah Macy Jr. Foundation, the Applied Research Foundation and the John Simon Guggenheim Memorial Foundation. Federal funds have been given both for cancer studies and for investigations of fatigue of airplane pilots. Contributions from industries in support of the fatigue investigations have been made by the Parker Manufacturing Company and the L. Farber Company, both of Worcester, the American Optical Company of Southbridge, the Schering Corporation of Bloomfield, New Jersey, and the G. D. Searle Company of Chicago, Illinois. The Searle Company has made extensive grants in support of a variety of the foundation's activities. Research work made possible by these industrial grants are published and thus made freely available to the public.

THE SOUTHERN BRANCH OF THE TEXAS ACADEMY OF SCIENCE

THE annual meeting of the Southern Branch of the Texas Academy of Science was held at Corpus Christi

Junior College on April 14, under the chairmanship of Dr. W. Armstrong Price, of Corpus Christi. Fifty-five persons registered for the meeting. Twenty papers were presented, covering a wide variety of scientific subjects from astronomy to zoology. In addition to Dr. Price, those who were active in organizing the meeting included Dr. Gordon Gunter, Institute of Marine Science, University of Texas, Rockport, and Dr. J. C. Cross, Texas College of Arts and Industries, Kingsville, who worked with the following committee on local arrangements: Professor John S. Kelley, of the department of chemistry, and Professor S. S. Wilks, of the department of biology, both of Corpus Christi Junior College; and Professor B. E. Schulze, of the department of science of the Senior High School.

The executive council of the academy was represented at the meeting by Dean W. R. Woolrich, of the School of Engineering of the University of Texas, and past president of the academy. The principal address was given by Dr. E. J. Lund, of the university, who spoke on a proposed new "Institute of Marine Science" on the Texas Gulf Coast.

The Program Committee was made up of Dr. J. C. Cross, chairman of the department of biology of the Texas College of Arts and Industries, Kingsville; Dr. W. Armstrong Price, of Corpus Christi; J. Sutton Myers, of the Soil Conservation Service, Raymondville; Mrs. L. Irby Davis, of the department of science, Senior High School, Harlingen; and Miss Velma Wilson, of the department of science, Junior College, Brownsville.

Officers elected for the coming year are, *President*, Professor S. W. Bass, Texas College of Arts and Industries, Kingsville; *Vice-president*, Professor J. S. Kelley, Corpus Christi Junior College; *Secretary-Treasurer*, Dr. Otto R. Nielsen, dean of the faculty of the Texas College of Arts and Industries.

THE VIRGINIA ACADEMY OF SCIENCE

For the first time since its organization twenty-three years ago, the Virginia Academy of Science held this year on May 11 a "skeleton" meeting attended primarily by officers, members of the council, chairmen

of committees and sections, and those living close to the place of meeting, Richmond. In the morning, a joint meeting of the executive committee of the Virginia Social Science Association and council members of the academy was held to consider ways and means by which both organizations might work together for the welfare of the state. At the academy meeting in the afternoon, progress reports were made concerning the eighty active science clubs, the cooperation between the academy and the State Department of Education in eventually making it possible for pupils in the public-school system of Virginia to know more about local natural resources, the "machinery" set-up to make an inventory of the research facilities in state institutions and industrial laboratories, the plan to enroll in the academy more scientists from industry, the proposed Virginia Research Institute, the scholarships set aside by all the colleges of Virginia as awards in a Science Talent Search on a state level, the investigative work on local flora, the James River Monograph, the proposed State Science Museum and the endowment fund which now amounts to approximately \$14,000. A resolution was adopted favoring the "Scientific and Technological Manpower Bill," H.R. 2827.

Dr. Robert F. Smart, in retiring as president, pointed out how effectively members of the academy had contributed to the welfare of Virginia during the past year by cooperating fully with various agencies of the State and Federal governments, the State Chamber of Commerce, the American Association for the Advancement of Science, the National Science Talent Search directors and educational institutions. H. R. Hanmer, director of research for the American Tobacco Company, was installed as president for the coming year. The following officers were elected by ballot: Dr. Arthur Bevan, State Geologist, *President-elect*; Dr. E. C. L. Miller, directing librarian at the Medical College of Virginia, *Secretary-Treasurer*; Dr. Sidney S. Negus, professor of chemistry at the Medical College of Virginia, *Assistant Secretary*; Dr. Gillie A. Larew, professor of mathematics, Randolph-Macon Woman's College, and Dr. Pearl M. Patterson, professor of biology, Hollins College, as new members of the council.

SCIENTIFIC NOTES AND NEWS

THE Huxley Medal for 1945 has been conferred on Dr. A. L. Kroeber, professor of anthropology at the University of California at Berkeley, by the Council of the Royal Anthropological Institute of Great Britain and Ireland. Dr. Kroeber will deliver a lecture before the institute some time in November.

THE Lister Medal for 1945, awarded in recognition

of distinguished contributions to surgical science, has been presented to Professor Sir Howard W. Florey, F.R.S., of the University of Oxford, for his work on penicillin and its application. He will deliver the Lister Memorial Lecture, the date of which has not yet been announced.

THE Patron's Medal of the Royal Geographical