

regional forester at Missoula, Mont., has been placed in charge of Emergency Conservation Work and will have under his direction all Forest Service activities in connection with the Civilian Conservation Corps, including allocation of camps and planning and supervision of work projects.

These appointments are effective immediately, with the exception of the assignment of Mr. Tinker, which will be effective as of January 1, 1936.

PROGRAM OF THE AMERICAN INSTITUTE

MORE than 100 events, planned to bring the discoveries of science to the general public, or to interpret the social and economic implications of modern scientific developments, are announced by the American Institute in its 108th annual program, at its offices in the Lincoln Building, New York City.

There are 36 meetings or other events on the adult program, 16 on the associate program and 45 on the junior program.

The adult program consists of twenty-seven meetings, including eighteen round tables, eight large general meetings on science and one dinner meeting at which the institute will award its gold medal "for outstanding work in science which has a broad incidence on human welfare."

Prominent figures in various fields of scientific research will lead the round table discussions. Topics and speakers of these panels include: "Science in Crime Detection," led by H. H. Clegg, assistant director of the Federal Bureau of Investigation of the United States Department of Justice; "Casting the 200-inch Glass Reflecting Mirror for the World's Largest Telescope," discussed by A. E. Marshall, president of the American Institute of Chemical Engineers, and "The Asylum Passes," led by Dr. Ross McClure Chapman.

The large general meetings will include such subjects as: "The Promise of Television"; "Recent Discoveries in Biology and Medicine," and "The Applications of the Scientific Method to the Problems of Society."

The associate members' program, designed for young men and women of college age, will consist of some 16 meetings, including 9 round table discussions, 3 field trips, 2 meetings at which the associate members themselves will present the talks and demonstrations and 2 social evenings. The associate member round tables will be similar in character to those for adults and will include such subjects as "The Chemistry of Vitamins and Hormones," "Cellulose in Our Modern Chemical Industry," "Psychological Vagaries in Mental Disease" and "Earthquakes."

The field trips are the outstanding novelty of the college-age program. On November 9 the associates

were taken on a "Tour of the Research Laboratories of Columbia University Devoted to the Separation of Isotopes," conducted by Dr. Harold C. Urey. On January 31 a second field trip will be made to the Research Bureau Laboratories of the Brooklyn Edison Company. This trip will be conducted by Ward F. Davidson, director of research.

The program for junior and senior high school children reaches the 5,000 boys and girls who are members of the institute's student science clubs. These junior activities are planned to give the outstanding science pupils of the city the advantage of scientific training supplementary to the school curriculum. This is done through a series of free workshop courses in science given in conjunction with the institute by New York University and the science museums of the city. The program also includes three large meetings at which prominent scientists give demonstration talks.

At Christmas time there will be a series of "Christmas Lectures" which will be combined with a Science Congress where the boys and girls themselves read papers and discuss their work in the science clubs during the term. This congress is based in plan on meetings of the American Association for the Advancement of Science, with a dozen section meetings on different science subjects.

In the spring the institute's annual Children's Science Fair will be held, at which any boy or girl in the city, under eighteen years of age, may show his work in science and compete for prizes to be spent for further research.

THE NEXT INTERNATIONAL GENETICS CONGRESS

At the sixth International Genetics Congress, which was held at Ithaca, New York, in 1932, a Permanent International Committee of Genetics Congresses was elected consisting of representatives of fifteen different countries. The undersigned was asked to serve as chairman of this committee, the chief function of which was to designate the country in which the next congress is to be held.

After preliminary discussions of different alternatives the committee had the honor of receiving from the Presidium of the Academy of Sciences of the USSR an official invitation for the holding of the seventh International Congress in Moscow and Leningrad in 1937. In the invitation it is stated that the Academy of Sciences and its institutes, as well as other scientific institutions of the USSR, will be glad to devote their efforts to the organization of this congress. The invitation was signed by A. A. Borisjak, permanent secretary of the academy, and N. I. Vavilov, member of the International Committee of Genetics Congresses.

This invitation was submitted to the members of the International Committee and the committee has resolved to accept the invitation with sincere thanks.

The exact date for the holding of the congress will be decided upon later. In 1937 there will be arranged in Moscow an All-Union Agricultural Exhibition, which undoubtedly will prove of interest to many members of the Genetics Congress.

OTTO L. MOHR

OSLO

THE AWARD OF THE MEDALS OF THE ROYAL SOCIETY AND THE ELECTION OF OFFICERS

THE following awards of medals have been made by the president and council of the Royal Society:

A Royal medal to Professor C. G. Darwin, F.R.S., for his researches in mathematical physics, especially in the quantum mechanics of the electron and in optics.

A Royal medal to Dr. A. Harker, F.R.S., in recognition of his distinguished work and influence as a petrologist.

The Copley medal to Professor C. T. R. Wilson, F.R.S.,

for his work on the use of clouds in advancing our knowledge of atoms and their properties.

The Davy medal to Professor A. Harden, F.R.S., for his distinguished work in biochemistry and especially for his fundamental discoveries in the chemistry of alcoholic fermentation.

The Hughes medal to Dr. C. J. Davisson for research resulting in the discovery of the physical existence of electron waves through long-continued investigations on the reflection of electrons from the crystal planes of nickel and other metals.

The following is a list of those recommended by the president and council for election to the council of the Royal Society at the anniversary meeting:

Sir William Bragg, president; Sir Henry Lyons, treasurer; Sir Frank Smith and Professor A. V. Hill, secretaries; Professor A. C. Seward, foreign secretary.

Other members of council:—Professor E. D. Adrian, D. L. Chapman, Professor A. W. Conway, Dr. W. H. Eccles, Professor A. S. Eve, Professor L. N. G. Filon, Dr. J. Gray, Sir Daniel Hall, Dr. S. W. Kemp, Sir Patrick Laidlaw, Sir Gerald Lenox-Conyngham, Dr. G. T. Morgan, Professor R. Robison, Dr. B. Smith, Professor W. Stiles and W. Trotter.

SCIENTIFIC NOTES AND NEWS

DR. WILLIAM F. DURAND, professor emeritus of mechanical engineering at Stanford University, was presented with the John Fritz Medal on December 4 at the annual meeting in New York City of the American Society of Mechanical Engineers. The award was made to Dr. Durand as an "authority in hydrodynamic and aerodynamic science, and its practical application" and as "an outstanding leader in research and in engineering education." Other awards were made as follows: Charles T. Main, of Boston, past president of the society, the society's medal; Stephen Timoshenko, professor of mechanical engineering at the University of Michigan, the Worcester Reed Warner Medal; Oscar R. Wikander, of Pittsburgh, the Melville Medal; Stanley J. Mikina, of East Pittsburgh, the junior award; G. Lowell Williams, a graduate of Lafayette College last year, the Charles T. Main award, and Charles P. Bacha, of last year's graduating class at Rutgers University, the student award.

DR. F. G. DONNAN, professor of chemistry in the University of London and director of the Chemical Laboratories at University College, has been elected a foreign member of the Division for Chemistry of the Royal Physiographical Society of Lund.

THE Buckston Browne Prize for 1935, of the Harveian Society of London, has been awarded to William Robert Fearon, of Trinity College, Dublin, for his essay on "Nutritional Factors in Disease."

PROFESSOR ALBRECHT PENCK, of the University of Berlin, has been elected an honorary member of the Geographical Association of Sofia.

At the recent annual convention in Washington of the Association of Land Grant Colleges and Universities, Dr. A. R. Mann, provost of Cornell University, was elected chairman of the executive committee. Dr. Mann succeeds Dr. Raymond A. Pearson, formerly president of the University of Maryland and previously president of the Iowa State College, who has been for the past twenty years a member of the committee, during the last seventeen years its chairman. The association adopted resolutions recognizing Dr. Pearson's distinguished services to the Land Grant Colleges covering a period of thirty-five years. A testimonial breakfast was tendered to him by the presidents of the Land Grant Colleges in attendance at the convention.

DR. O. M. DICKERSON, of the Colorado State Teachers College at Greeley, was elected president of the Colorado-Wyoming Academy of Science at the ninth annual convention, held at Colorado College on November 29. Dr. Dickerson succeeds Dr. E. B. Renaud, of the University of Denver. Other officers elected were: B. E. Cohn, of the University of Denver, *vice-president*; H. B. Van Valkenburgh, of the University of Colorado, *secretary*; C. T. Hurst, Western State College, Gunnison, *treasurer*; W. D. Robertson, Colo-