

SCIENTIFIC NOTES AND NEWS

DR. MICHAEL I. PUPIN, professor of electro-mechanics in Columbia University, will give the address of the retiring president of the American Association for the Advancement of Science at the opening general session on the evening of Monday, December 27, his subject being "Fifty Years' Progress in Electrical Communication." Preliminary announcements of the programs of the fifteen sections of the association and the thirty-nine associated societies, meeting next week in Philadelphia, will be found in the issue of SCIENCE for December 3.

DR. WILLIAM DAVID COOLIDGE, assistant director of the research laboratory of the General Electric Company, has been awarded the Edison medal for 1926, by the Edison committee of the American Institute of Electrical Engineers, "for the origination of ductile tungsten and the fundamental improvement of the X-ray tube."

DR. W. H. HOFFMANN, of the Finlay Laboratory, Havana, has been elected a member of the Halle Academy of Sciences.

THE National Geographical Society has elected Dr. Knud Rasmussen to honorary life membership in honor of his achievements in the north. Major General A. W. Greely, U. S. A., dean of living Arctic explorers, made the presentation.

LIEUTENANT COMMANDER RICHARD E. BYRD, the first airman to reach the North Pole, was presented with the highest medal of honor bestowed by the Geographical Society of Philadelphia, at a dinner of the society on December 15, when he was presented with the Elisha Kent Kane Medal.

THE University of Paris at a meeting on November 6 conferred honorary degrees on Dr. Carlos Chagas, director of the Oswaldo Cruz Bacteriological Institute, Rio de Janeiro, and Charles E. Guye, professor of physics at the University of Geneva.

THE honorary degree of doctor of science has been conferred by the University of Manchester upon Professor A. C. Seward, professor of botany in the University of Cambridge.

WE learn from *Nature* that the council of the Royal Anthropological Institute has decided that two Rivers Memorial Medals shall be granted for the year 1926. Of these one has been awarded to Professor Edward Westermarck in recognition of his researches on the customs and beliefs of the natives of Morocco. The other has been awarded to Dr. Alfred P. Maudslay in recognition of his work of archeological exploration in Central America.

At the annual general meeting of the Royal Geological Society of Cornwall at Penzance, held on November 25, the William Bolitho gold medal was presented to Dr. R. H. Rastall for his researches in the geology of ore deposits.

THE Royal Society of Edinburgh has awarded its Keith prize for the period 1923-25 to Professor H. W. Turnbull, of St. Andrews, for his papers on hyperalgebra, invariant theory and algebraic geometry.

PROFESSOR N. E. NÖRLUND, of the University of Copenhagen, has been elected a corresponding member of the Paris Academy of Sciences in the section of geometry, as successor to the late C. Guichard.

DR. GOTTLIEB HABERLANDT, emeritus professor of plant physiology at the University of Berlin, recently celebrated the fiftieth anniversary of his doctorate.

DR. KARL F. KELLERMAN, associate chief of the U. S. Bureau of Plant Industry, has been obliged to resign from the organizing committee for the International Congress of Soil Sciences owing to a serious operation from which he is now recovering.

JAMES H. MCGRAW, president of the McGraw-Hill Publishing Company, was the guest of honor at a dinner in the Hotel Astor on December 12, given under the auspices of a committee to signalize his forty years of service as a publisher for engineering and industrial periodicals.

DR. EDWARD R. WEIDLEIN, director of the Mellon Institute of Industrial Research, University of Pittsburgh, was elected president of the American Institute of Chemical Engineers for the year 1927 at the recent annual meeting in Birmingham, Alabama.

THE New York section of the American Chemical Society has elected officers for 1927 as follows: Professor Arthur W. Thomas, of Columbia University, *chairman*; Dr. Charles R. Downs, consulting chemist, *vice-chairman*, and D. H. Killeffer, associate editor of *Industrial and Engineering Chemistry*, *secretary-treasurer*.

G. L. A. RUEHLE, assistant professor and research associate bacteriologist in the Michigan Experiment Station, has entered upon his duties as bacteriologist at the Idaho Agricultural Experiment Station, succeeding Dr. William M. Gibbs.

DR. LOUIS GROSS has been appointed acting director of laboratories at Mount Sinai Hospital; Dr. Gregory Schwartzman, bacteriologist; Michael Heidelberger, chemist, and Dr. Paul Klemperer, pathologist. The hospital announces that alterations are being made to accommodate a complete full-time staff in the laboratories.

JOSEPH R. LORENZ has joined the staff of Skinner, Sherman and Esselen, Inc., Boston, for the purpose of organizing a department of leather chemistry to render research, analytical and advisory service for tanners.

At the Storrs Agricultural Experiment Station, Connecticut, leave of absence has been granted to Dr. L. C. Dunn, geneticist, who will spend a year abroad; to G. C. White, dairy husbandman, for a year's study in part at Columbia University, and to B. A. Brown, agronomist, for three months' study at the University of Wisconsin.

DR. AARON ARKIN, formerly professor of pathology and bacteriology in the School of Medicine of West Virginia University, has returned from a three years' stay in Vienna and Berlin, where he devoted himself to study and research in internal medicine. Dr. Arkin will specialize in internal medicine in Chicago.

W. M. COATES, instructor in mathematics at the University of Michigan, has returned after two years' study of aeronautics in Germany and Austria.

DR. SELIG BRODETSKY, professor of applied mathematics at the University of Leeds, arrived in New York on December 13. Dr. Brodetsky is one of the governors of the Hebrew University of Jerusalem and while in this country he will make a tour in the interests of the university.

DR. E. L. TAYLOR, a member of the Royal College of veterinary surgeons of England, has been detailed by the British Ministry of Agriculture to the zoological division of the U. S. Bureau of Animal Industry for a year's investigation of parasites of livestock, and he is now engaged in this work.

DR. M. MIYAJIMA, of the Kitasato Institute, and C. Ishikawa, former professor in the Tokyo Imperial University, left Yokohama on October 16 for New York, where they will work at the Rockefeller Institute.

THE Franklin Institute announces the first of a series of Christmas week lectures for young people, to be given by Professor Robert W. Wood, of the Johns Hopkins University. The subject is "Recreations with Radiations" and the lectures will be given in the hall of the institute at three o'clock on the afternoons of Monday, Tuesday, Thursday and Friday, of the week following Christmas.

DR. ELLIOTT P. JOSLIN, of Boston, gave the third annual Scripps Metabolic Clinic lecture before the San Diego County Medical Society on November 18, when he discussed the "Outlook for the Diabetic."

PROFESSOR JAMES KENDALL, of the department of chemistry of Washington Square College, New York

University, delivered his presidential address before the New York chapter of the American Institute of Chemists at the Chemists' Club on October 29, the subject of his lecture being "New Separations by the Ionic Migration Method."

DR. WALTON MARTIN, professor of clinical surgery, Columbia University College of Physicians and Surgeons, will give the Mütter lecture, December 10, at the College of Physicians, Philadelphia, on "Hepatitis and Jaundice."

DR. ALFRED E. COHN, of the Rockefeller Institute for Medical Research, gave a public lecture on November 15 at the School of Hygiene and Public Health, the Johns Hopkins University, Baltimore, on "Heart Disease from the Point of View of the Public Health."

DR. A. P. LINK, instructor in psychology at New York University, addressed a meeting of the New York Electrical Society on December 15 on "Psychology, Crime and Jobs."

THE Medical Society of Nova Scotia has decided to celebrate the jubilee of the graduation of Dr. John Stewart by establishing at Dalhousie University a chair of surgery to be called by his name and for which purpose it is proposed to raise \$50,000.

PORTRAITS of Dean F. E. Turneaure, of the College of Engineering, and former Professor Storm Bull, of the steam and gas engineering department of the University of Wisconsin, have been completed by Professor Carl Marr, of Munich, Germany, and will soon be formally presented to the college of engineering by professors and alumni of the college.

DR. FRANK HALL KNOWLTON, since 1907 geologist for the U. S. Geological Survey, died recently at the age of sixty-six years.

DR. GEORGE E. NESOM, former chief of the U. S. Bureau of Agriculture in the Philippines and sugar and live-stock expert at Louisiana State University and in Honduras, died on December 15, aged fifty-six years.

WILLIAM MARC CHAUVENET, consulting chemist and mining engineer, has died at the age of seventy-one years.

DR. ALBERT EDWARD HALSTEAD, professor of surgery at the University of Illinois and formerly head of the department of anatomy at the Chicago Medical College, died on December 6, aged fifty-eight years.

DR. SAMUEL GILBERT WEBBER, formerly instructor in nervous diseases at Harvard Medical School and for several years professor of neurology at Tufts Medical School, has died in his eighty-eight year.

CHARLES HEDLEY, scientific director of the Great Barrier Reef Investigation Committee, of Australia, and formerly keeper of collections, Australian Museum, died on September 14, aged sixty-four years.

DR. KARL EBERTH, professor of histology and pathological anatomy at the University of Halle, Germany, discoverer of *Bacillus typhosus*, has died, aged ninety-one years.

THE two hundredth anniversary of the death of Sir Isaac Newton occurs on March 20, 1927. *Nature* states that a meeting to celebrate the event will be held under the auspices of the Yorkshire branch of the Mathematical Association at Grantham, near which Newton was born, and where he went to school. The program includes a scientific meeting on March 19, to be addressed by Sir J. J. Thomson, master of Trinity College, Cambridge; Sir Frank Dyson, astronomer royal; Dr. J. H. Jeans, Prof. G. H. Hardy, and Dr. Horace Lamb, who will speak about Newton's work in physics, astronomy, mathematics and mechanics. On the same day there will be a pilgrimage to the house at Woolsthorpe where Newton was born, and a visit to Stoke Rochford. In the evening there will be a dinner at the George Hotel, Grantham, among the speakers at which will be Professor E. T. Whittaker, Professor H. H. Turner and other distinguished men of science. A bicentenary sermon will be preached at the Parish Church, Grantham, on Sunday, March 20, by the Bishop of Birmingham.

ACCORDING to the *Journal* of the American Medical Association a committee to celebrate the centenary of Lister's birth has been formed in Edinburgh. As the annual meeting of the British Medical Association will be in that city, it has been decided to make the celebration coincide with it. A prize of \$125 and a gold medal will be offered for the best essay on "The Influence of Lister on the Evolution of Surgery." The competition will be open to medical students of the schools in the British Empire and graduates of not more than one year's standing. A book on Lister's life and writings is being prepared. Addresses will be given by Lister's old assistant, Sir William Watson Cheyne; Professor Tuffier, Paris; Dr. Harvey Cushing, Boston; Professor Caird, Edinburgh, and Mr. Hamilton Russell, Melbourne. A museum containing relics of Lord Lister's life and work is being formed.

THE Physical Society of Pittsburgh has had the following meetings this autumn: October 14, "The Recent Eclipse of the Sun in Sumatra," Dr. H. D. Curtis, director of the Allegheny Observatory; November 11, "Magnetic Properties of Thin Films of Iron, Cobalt and Nickel," Dr. A. J. Sorensen, of the Union Switch and Signal Company; December 9,

"The Hydrogen Molecule and its Relation to the Quantum Theory," Dr. Elmer Hutchisson, of the University of Pittsburgh. The Physical Society of Pittsburgh consists of about one hundred physicists, engineers, astronomers and mathematicians in the Pittsburgh district. The present officers of the society are: *President*, Dr. H. D. Curtis, Allegheny Observatory; *vice-president*, Dr. J. J. Weigle, University of Pittsburgh; *secretary*, Dr. J. B. Nathanson, Carnegie Institute of Technology.

A SERIES of six popular lectures on chemistry will be broadcast from Station WLWL by the members of the department of chemistry of the College of the City of New York as follows: January 18, "Gaseous Gasoline," by Dr. Reston Stevenson; January 25, "The Relations of the College Chemistry Department to the Students' Health," by Dr. W. L. Estabrooke; February 2, "Modern Science of Chemistry," by Dr. Martin Meyer; February 9, "Romance of Steel," by Dr. Martin Meyer; February 16, "Chemistry and the Automobile," by Dr. Joseph A. Babor; February 23, "Chemistry of the Kitchen," by Dr. Joseph A. Babor.

Two offers, one of \$50,000 to any person or group of persons who may discover what human cancer is and how it can positively be prevented, and another of like sum to the person or group of persons who may discover an absolute cure for the disease, have been made by William Lawrence Saunders, who is chairman of the board of directors of the Ingersoll-Rand Company. The offers were made in a letter to Dr. C. W. B. Crane which was read on December 15, at a dinner in the interest of the American Society for the Control of Cancer at the Hotel Biltmore, New York. The offer stands for three years, and at the expiration of that time may be renewed.

THE St. Louis College of Pharmacy has opened a campaign to raise \$300,000 to erect a new building, and to establish a medicinal plant garden. It has already received a gift of \$50,000 from William R. Warner and Company, manufacturing pharmacists, St. Louis and New York, and \$25,000 from the Lambert Pharmacal Company, St. Louis.

At the meetings in Philadelphia a joint symposium on "Greenland" will be participated in by section E (geology and geography) of the American Association for the Advancement of Science, the Association of American Geographers and the American Meteorological Society. The program is to begin at 10 o'clock on Thursday, December 30, in Logan Hall of the University of Pennsylvania. Papers will be presented by W. H. Hobbs, S. P. Ferguson, W. Elmer Ekblaw, Charles F. Brooks and A. J. Henry. There will be discussion by Isaiah Bowman, G. T. Rude and others.

THE Society of American Foresters has issued the report of a committee appointed by its Washington, D. C., section, entitled "A National Program of Forest Research," which outlines in detail the need and possibilities for acceleration in the development of forest research in this country. The report was prepared by Earle H. Clapp, assistant forester of the U. S. Forest Service, as chairman of the committee, which is composed also of A. B. Hastings, formerly assistant forester of Virginia, and R. C. Hall, until recently valuation engineer in the timber section of the Bureau of Internal Revenue. The report has been published for the society in book form by The American Tree Association.

THE Charles Pfizer Company of New York, manufacturers of citric acid and its salts, has established a \$3,000 fellowship in the College of Agriculture at the University of Wisconsin. It has been allocated to the dairy department where, under the direction of Professor H. H. Sommer, studies will be continued on the effect of milk salts, and particularly sodium citrate, on the whipping ability of ice cream mixers. Dr. H. L. Templeton, following his resignation from the staff of the Forest Products Laboratory, has been appointed to carry on this work.

THE vice-chancellor of the University of Cambridge has published a communication received from the committee of the Privy Council for Scientific and Industrial Research, stating that funds have been placed at their disposal by the Empire Marketing Board which will enable them to offer a further grant not exceeding £25,000 to the university for the building and equipment of an extension of the low temperature research station.

A LARGE collection of Pliocene fossils has been secured by the second Captain Marshall Field paleontological expedition to Argentina, according to an announcement by Elmer S. Riggs, associate curator of paleontology at the Field Museum, and leader of the party. The Field Museum representatives are engaged on the property of Provincial Senator Carmen Aybar, in Catamarca. They are the first paleontologists to work this area.

A DISPATCH to the New York *Sun* states that in anticipation of a circular flight around the north pole by dirigible, under the auspices of the nations which participated in the recent polar congress at Berlin, the Soviet government has started preparations for a scientific observatory on Novo Sibirsk Islands, 75 degrees north latitude and 140 degrees east longitude. Professor Roman Samoilovitch, director of the Soviet Institute for Investigating the Arctic Regions, says the flight will start from Leningrad and will proceed by way of Murmansk to the Novo Sibirsk Islands.

UNIVERSITY AND EDUCATIONAL NOTES

THE \$5,000,000 mark has been passed in the campaign to add \$20,000,000 to the endowment for teaching at Yale University, in advance of a general appeal to the alumni, according to a statement made by President James R. Angell.

AMONG public bequests made by the late Julius Levy, of Baltimore, is \$50,000 for the Johns Hopkins University. The income from one half is to be used for general purposes and from the other half for the medical school.

It is announced that a new junior college for women, to be known as the Sarah Lawrence College, has been established at Bronxville, N. Y., through a gift of approximately \$1,250,000 by W. V. Lawrence, of Bronxville.

THE four residuary legatees under the will of the late David Hale Fanning will each receive between \$100,000 and \$150,000. They are the Worcester Polytechnic Institute, Hahnemann Hospital, Connecticut College for Women and Talladaga College, Alabama. These sums are in addition to the \$25,000 which each was given outright under the will.

DR. W. L. MACHMER, of the department of mathematics at the Massachusetts Agricultural College, has been made dean of the college.

DR. L. J. POLLOCK, of New York, has been appointed head of the department of neurology at the Northwestern University Medical School.

DR. VERNON L. MANGUN, formerly head of the North Dakota School of Forestry at Bottineau, has become professor of education in the University of New Hampshire.

DR. ALBERT SALATHE, formerly on the faculties of Union College and of Centenary College, has been appointed associate professor of chemical engineering at Syracuse University.

DR. B. Z. LINFIELD has been appointed associate professor of mathematics at the University of Virginia.

DR. W. S. PATTON, formerly director of the King Institute of Preventive Medicine, Madras, India, has been appointed to the Dutton memorial chair of entomology at the University of Liverpool.

M. LUTAUD has been appointed professor of physical geography at the University of Paris to fill the vacancy caused by the death of Professor L. Gentil.