

new note in railway engineering. The "Vignoles Rail," the flat-bottomed rail of his design still used all over the world, keeps his name familiar to railway engineers.

The snuff-box, now presented to the society, was given to Vignoles by the King of Wurtemberg, in 1844, as a mark of his esteem, after Vignoles had

advised the King on the plans prepared by the King's ministers and engineers for the railways of the state. The snuff-box is of solid gold with a portrait of the King set in diamonds on the lid.

Vignoles was elected a member of the Royal Society in 1855 and was president of the Institution of Civil Engineers in 1870-71.

SCIENTIFIC NOTES AND NEWS

THE Medal of the Society of Chemical Industry of Canada has been awarded to R. A. Witherspoon for achievements in the electrochemical field with Shawinigan Chemicals Limited.

DR. MASON CAMPBELL, formerly professor of dairy production at the University of Vermont, later production manager and director of the Walker-Gordon Laboratories of New England, has been named dean of the Rhode Island College of Agriculture and director of the Rhode Island Agricultural Experiment Station.

AT the recent meeting of the corporation of the Woods Hole Marine Biological Laboratory, Donald M. Brodie was selected to replace Mr. Riggs as treasurer. Dr. O. C. Glaser succeeds Dr. Philip B. Armstrong as clerk of the corporation. Two trustees, Dr. S. O. Mast and Dr. Albert P. Mathews, having passed the age of seventy years, were elected to the emeritus class. They were succeeded by Dr. Eric G. Ball, of the Harvard Medical School, and Dr. Eugene F. DuBois, of the Cornell University Medical College. Dr. O. C. Glaser and Dr. C. W. Metz have been appointed members of the executive committee of the board of trustees. They succeed Dr. P. B. Armstrong and Dr. W. C. Allee.

DR. DONALD MACGILLAVRY, JR., of the University of Amsterdam and Columbia University, who has also been research fellow at the University of Cambridge, England, has been appointed instructor in organic and analytical chemistry in the University of Pittsburgh; Dr. Glen William Kilmer, post-doctorate fellow in biochemistry at the Cornell University Medical College, has been appointed instructor in organic chemistry.

DR. WILLIAM B. WALLACE, fellow in general surgery at the Mayo Clinic, has been appointed clinical instructor in surgery at the Stanford University School of Medicine in San Francisco.

AT Yale University, Austin H. Riesen, in psychology; Jacob B. Fishman, in pharmacology, and Harold Lamport, in physiology, have been promoted to assistant professorships. Albert K. Kurtz, statistician, editor of *Psychometrika*; Ralph P. Wolfe and Paul S. Burnham have been appointed to assistant professorships in the department of psychology.

DR. H. BRUCE COLLIER has been appointed assistant professor of biochemistry at Dalhousie University, Halifax. He was formerly biochemist at the Institute of Parasitology of McGill University. He takes the place of Dr. R. D. H. Heard, who has become assistant professor of biochemistry at McGill University. Dr. Karl M. Wilbur, instructor in the department of zoology at the Ohio State University, is taking the place of Dr. Hugh Davson, who is on leave of absence in England for the duration of the war, as assistant professor in the department of physiology.

AT the University of London, Dr. F. G. Young has been appointed to the university chair of biochemistry tenable at St. Thomas's Hospital Medical School; B. W. Windeyer has been appointed to the university chair of radiology tenable at Middlesex Hospital Medical School, and Dr. Alexander Lawson has been appointed to the university readership in organic chemistry tenable at the London School of Medicine for Women.

ACCORDING to *Chemical and Engineering News*, Alamjit D. Singh, a member of the department of experimental engineering of the University of Illinois, has been appointed associate chemical engineer at the Armour Research Foundation, Chicago. He is also technical adviser on chemical obscuration in civil areas for the organization on techniques of the Chicago Office of Civilian Defense.

DR. CHARLES H. BEHRE, JR., professor of economic geology at Columbia University, has joined the staff of the U. S. Geological Survey for the duration of the war.

DR. R. W. HUSBAND, of the department of psychology of the Pennsylvania State College, has joined the Research Division of the Industrial Relations Department of the Carnegie-Illinois Steel Corporation.

DR. CLARENCE W. SONDERN, Kansas City, and Dr. Willard M. Hoehn, formerly of Rochester, Minn., have been appointed directors of the newly established research chemicals division of the Laboratories of George A. Breon and Company, Kansas City, Mo. Synthetic organic chemicals, including bile acids, hormones and vitamins, will be prepared at the laboratory.

DR. FREDERICK W. SULLIVAN, Jr., director of research of the Barrett Division of the Allied Chemical and Dye Corporation, has been appointed technical director of the Institute of Gas Technology, Chicago, which is affiliated with the Illinois Institute of Technology. He will have supervision of all research work. The Gas Institute is the only institution in the country where students may work for graduate degrees in gas technology. It was founded with four principal objectives: the training of personnel for the gas industry, the prosecution of fundamental research in gas technology, the collection and dissemination of scientific information and the conduct of applied research investigations on specific industrial problems.

DR. F. EBERSON has resigned as medical and research director of the National Drug Company, Philadelphia, to become pathologist and chief of laboratory service of the U. S. Veterans Administration Facility, Pittsburgh, Pennsylvania.

E. ROSS HENNINGER, of Haworth, N. J., who formerly edited technical publications for the American Institute of Electrical Engineers, has been nominated by President Roosevelt to be liaison officer of the Army Specialist Corps, Washington, with the rank of lieutenant-colonel.

DR. SHARAT K. ROY, curator of geology at Field Museum of Natural History, has been commissioned a captain in the U. S. Army. Rupert L. Wenzel, assistant curator of insects, has also left to accept an appointment as first lieutenant in the Sanitary Corps of the army.

THE Medical Library Association held its forty-fourth annual meeting in New Orleans, on May 7, 8 and 9. Headquarters were at the Jung Hotel and the sessions met in the auditorium of the New Hutchinson Memorial of the School of Medicine of Tulane University. Officers elected for the coming year are: Mary Louise Marshall, Tulane, *President*; Dr. John F. Fulton, Yale, *Vice-president*; Frida Pliefke, Mayo Clinic, *Secretary*; Bertha B. Hallam, Oregon, *Treasurer*. The program featured a Symposium on Tropical Medicine, Medicine in the South and the Medical Library, in the War program. Selection of the place for the 1943 meeting has not yet been made.

THE American Foundation for Tropical Medicine has announced the establishment of two paid fellowships at the Graduate School of Tropical Medicine of Tulane University of Louisiana. They have been made possible by the Winthrop Chemical Company, Inc., Winthrop Products, Inc., and the Lambert Pharmacal Company of St. Louis. These fellowships, which will be known as the Winthrop Fellowship and the Lambert Pharmacal Company of St. Louis, Mo.,

Fellowship, have been established to provide graduate training in tropical medicine for young physicians who are citizens of the United States. Applications should be addressed to the dean of graduate studies, Tulane University, New Orleans.

BEGINNING with Volume 28, Number 1, July, 1942, of the *American Midland Naturalist*, the following editors will review papers in vertebrate zoology: Dr. Karl P. Schmidt, Field Museum of Natural History, Chicago, papers in ichthyology and herpetology; Dr. Jean M. Linsdale, Hastings Reservation, Jamesburg Route, Monterey, Calif., papers on ornithology; Dr. Remington Kellogg, U.S. National Museum, papers in mammalogy.

FOR the second time, Cleveland Health Museum has received a grant from the Thomas H. White Trust Fund, in the amount of \$1,100. This grant has been made to establish at the museum a permanent exhibit on nutrition and health. It is planned to open the exhibit in the early part of January, 1943.

THE Lewis Cass Ledyard, Jr., Fellowship of the Society of the New York Hospital was established in 1939 by a gift from Mrs. Ruth E. Ledyard, in memory of her late husband, Lewis Cass Ledyard, Jr., a governor of the New York Hospital. The income, amounting to approximately \$4,000 annually, will be awarded to an investigator in the fields of medicine and surgery, or in any closely related field. This amount will be applied as follows: \$3,000 as a stipend and, approximately, \$1,000 for supplies or expenses of the research. In making the award, preference will be given to younger applicants who are graduates in medicine and who have demonstrated fitness to carry on original research of a high order. Applications for the year 1942-43 should be in the hands of the committee by December 15. It is expected that the award will be made by March 15, 1943. They should be addressed to: The Committee of the Lewis Cass Ledyard, Jr., Fellowship, The Society of the New York Hospital, 525 East 68th Street, New York, N. Y.

DR. CHARLES F. KETTERING, chairman of the National Inventors Council, a government agency under the Department of Commerce, on the occasion of the meeting of the council at the General Electric Company, announced that Americans, many of them non-professionals, have submitted to date 91,823 suggestions which they believe will help the Army and Navy in winning the war. In a two-day meeting of the council, the most recent and promising of these inventions were discussed and evaluated preliminary to making them available to the armed services. Ideas have been welcomed from amateurs because their suggestions in many cases prove fruitful and of practical use. Often

500 to 1,000 inventive ideas are received in a day at the Washington offices of the National Inventors Council.

THE establishment of a combined engineering and chemistry curriculum leading to the degree of master of science in chemical engineering at the University of California has been announced. The course is planned to give students a well-balanced training in both fields. Several departments, including chemistry, metallurgy, mechanical engineering, mining engineering and petroleum engineering, will cooperate in training graduate students for the new degree.

THE University of Pittsburgh will offer a course in "Military Chemistry and Chemical Agents" each trimester beginning on September 28. It will be based on "Technical Manual 3-215" of the War Department and will cover all the fundamentals and principles which are required by the manual. Two fully illustrated lectures will be given weekly by Dr. A. L. Robinson, of the department of chemistry. The purpose of the course is to train prospective registrants for military service.

THE Polytechnic Institute of Brooklyn plans a course in the fall of 1942-1943 in the reading of chemical Russian. This course will be given on Tuesday evenings throughout the year. It is designed to give a mastery of the grammatical principles and the vocabulary necessary for the translation of technical articles from Russian reference books and periodicals. Registrants need not have had previous experience with the Russian language, but must have studied some other modern foreign language. The work will involve supervised study and translation from chemical journals. Dr. Karl Steik, a consulting chemist, is in charge. Information may be obtained from Professor Raymond E. Kirk, of the department of chemistry.

It is reported in the *Journal* of the American Medical Association that an agreement between the Southwestern Medical Foundation and Baylor University to set up a medical center in Dallas was approved at a special meeting of the executive board of the Baptist General Convention on July 7. The project has been under consideration for eight months. Under a ninety-nine year contract the medical and dental schools of the university will be moved, as soon as buildings are provided, to a 35-acre tract along Hines Boulevard and including Parkland Hospital. Under the contract one million dollars will be expended by the foundation for buildings for medical teaching, construction to start within a period of not less than two years after removal of priority restrictions. Parkland Hospital will be enlarged and become an integral part of the center, its facilities to be used in

connection with the medical and dental colleges. The site for the center is within a few blocks of a large group of children's hospitals, including the Children's Hospital of Texas, the Scottish Rite Hospital for Crippled Children, Hope Cottage, Bradford Memorial Hospital for Babies and Freeman Memorial Clinic. The agreement places the two schools under the control of a joint board including three members from the foundation and two from Baylor. The university, which has been under supervision of the executive board of the Baptist General Convention, will be conducted on a non-sectarian basis. Development of the medical center will be in cooperation with the city-county hospital board administering Parkland Hospital, where the first aim of the medical foundation will be to improve clinical facilities. A dispensary will be the first unit in the new construction program. In addition to providing the buildings, the foundation will also furnish money for teaching. The medical school will continue to receive income from endowment, but Baylor University will retain the endowment fund. All student fees will go into the fund for teaching.

THE University of Rochester has received more than \$300,000 from the late Mary M. Condon to set up a fund known as the John P. Munn Fund in memory of Dr. John P. Munn, former chairman of the board of trustees of the university, whose secretary she had been, for "such university purposes as, in the opinion of the board of trustees, would have been generally favored by Dr. Munn." Miss Condon, who died in 1941, left a gross estate of \$134,620 and a net of \$129,301, all of which goes to the university. Before her death Miss Condon had turned over more than \$190,000 in cash and securities to the university, from the greater part of which the university agreed to pay her the income until her death.

THE recently issued report of the Eastman Dental Dispensary for 1941 states that the Germans have taken over the Brussels and Paris Clinics and are using them to a great extent for services for their troops. The London Clinic, while it has suffered some damage from air raids, is giving about 500 treatments per week to children. In Stockholm, all departments of the clinic are functioning in excellent fashion.

It is reported in *Nature* that Lord Louis Mountbatten, vice-president of the Institution of Radio Engineers, has given a prize to the institution, to be known as the Mountbatten Medal; it will be "awarded to the candidate who has proved himself the best candidate amongst those of the Royal Navy or Air Force who have presented themselves for the graduateship examinations of the institution held during the year."