

Research Council, for distinguished service to medical science.

Arthur Pugh, general secretary of the Iron and Steel Trades Confederation and of the British Iron, Steel and Kindred Trades Association.

The Order of Knight Companion of the British Empire:

Dr. John Cunningham M'Lennan, professor emeritus and visiting professor of physics, University of Toronto, for fundamental discoveries in physics and for scientific services.

The Order of Companion of the Bath:

Dr. William Thomas Calman, keeper of zoology, British Museum of Natural History; president of the Linnean Society of London.

Dr. Frank Sturdy Sinnatt, director of fuel research, Department of Scientific and Industrial Research.

AWARDS IN THE SCIENCES OF THE AMERICAN MEDICAL ASSOCIATION

IN the Class I exhibits at the meeting of the American Medical Association at Atlantic City the gold medal was awarded to an exhibit showing ergotocin, a crystalline form of the active principle in ergot, discovered after three years of research by the cooperative efforts of three physicians, Dr. M. Edward Davis, Dr. Fred L. Adair and Dr. Gerald Rogers, and two chemists, Dr. M. S. Kharasch and Dr. Romeo R. Legault.

The silver medal was awarded to Drs. Leonard G.

Rowntree, J. H. Clark and Arthur Steinberg, of the Philadelphia Institute for Medical Research, and Dr. A. M. Hanson, Faribault, Minn., for original investigations on the biological effects of the thymus and pineal glands.

The bronze medal was given to Drs. Jane Sands Robb, J. G. Fred Hiss and R. C. Robb, for original investigations on heart muscle-bundle physiology and experimental coronary lesions.

Certificates of merit were awarded to Dr. Bede J. Harrison, of the Vancouver General Hospital; Drs. Aaron E. Kanter, Carl P. Bauer and Arthur H. Klawans, of Rush Medical College, University of Chicago, and Drs. Isaac Schour and A. G. Brodie, of the University of Illinois College of Dentistry.

The gold medal in Class II was awarded to Drs. Stuart Harrington and Willis S. Lemon, of the Mayo Foundation for Medical Education and Research, Rochester, Minn., "for excellent presentation of an exhibit illustrating the surgical treatment and clinical manifestations of various types of diaphragmatic hernia [inverted stomach] and intra-thoracic tumors."

The silver medal, given for exhibits that do not exemplify purely experimental studies, was given to Drs. David W. Mackenzie and Alexander B. Wallace, of the Royal Victoria Hospital, Montreal, for their exhibit on lymphatic studies. The bronze medal went to Dr. James Harold Mendel of Philadelphia for his exhibit on eardrums.

SCIENTIFIC NOTES AND NEWS

THE summer meeting of the American Association for the Advancement of Science opens at the University of Minnesota, Minneapolis, on June 24, under the presidency of Dr. Karl T. Compton, president of the Massachusetts Institute of Technology. The opening session on Monday evening will be a joint meeting with the Minnesota State Medical Association with an address on "Diseases of the Blood," by Dr. W. P. Murphy, which will be followed by a reception given by Dr. Lotus D. Coffman, of the University of Minnesota, and Mrs. Coffman. The Maiben lecture will be given on Tuesday evening by Dr. Richard P. Strong, and there will be other evening lectures by Dr. Isaiah Bowman, Dr. W. F. G. Swann and Dr. Philip Fox. The full preliminary program will be found in the issue of SCIENCE for May 24.

THE Barnard gold medal "for meritorious service to science" of Columbia University has been awarded to Dr. Edwin P. Hubble, astronomer of the Mount Wilson Observatory. This medal was founded in 1889 and is awarded every five years on the recommendation of the National Academy of Sciences.

THE gold medal of the Linnean Society of London was presented at its anniversary meeting on May 24 to Dr. David Prain, until his retirement in 1922 director of the Royal Botanic Gardens at Kew, "in recognition of his services to botany." Dr. W. T. Calman delivered the address of the president on "The Meaning of Biological Classification."

THE council of the Royal Empire Society has awarded its gold medal for 1935 to Sir Wilfred Grenfell, "in recognition of his services to the Empire and of the excellence of his book, 'The Romance of Labrador.'"

THE degree of doctor of laws was conferred at the commencement of the University of Pennsylvania on Dr. Charles Russ Richards, mechanical engineer, retiring president of Lehigh University, and on Dr. Isaiah Bowman, director of the American Geographical Society, chairman of the National Research Council and president-elect of the Johns Hopkins University.

HONORARY degrees conferred by Wesleyan University included the doctorate of science on Dr. George