

tion which is to sail next June, and will be absent about six years, is shortly leaving England for Canada to make arrangements for the bringing to this country for the necessary fitting up of the *Terra Nova*, which has been secured for the venture.

Mr. Cope is at present engaged in appointing the personnel of the expedition. Professor R. C. Mossman, who has been appointed chief of the scientific staff, was meteorologist to the Scott Antarctic Expedition; Mr. A. H. Larkman, who sailed in the *Terra Nova* as chief engineer with the Shackleton Expedition, has signed on with the British Imperial in the same capacity; and Mr. T. H. R. Hooke, R.A.F., who was also with the Shackleton Expedition, has been appointed chief of the wireless staff. Captain Hurley, who during the war was one of the official photographers to the Australian forces and who accompanied the Mawson Expedition as photographer, will go with Mr. Cope as photographer. A cable has been received by Mr. Cope from Mr. Ernest Joyce, who was a member of the Scott and Shackleton expeditions. It is probable that Mr. Joyce will accompany the present expedition, and in the meanwhile he is in charge of the organization in Australia. Lieutenant E. Healy, late Dublin Fusiliers, has been appointed a member of the shore party, which will leave the *Terra Nova* when the vessel becomes fast in the ice, and will explore the district to the south of the great ice barrier.

It is the intention of Mr. Cope to take an aeroplane on board the *Terra Nova* and make a flight to the South Pole. Already two firms of aeroplane makers have offered to supply the expedition with a machine free of cost. Generous support is being given the expedition by commercial firms.

DISTINGUISHED SERVICE MEDALS

THE distinguished service medal has been awarded as follows: Colonel William H. Welch, United States Army. For exceptionally meritorious and conspicuous service. From his rich experience in scientific medicine, sanitation, public health and medical education he helped materially in guiding the medical pro-

fession both in and out of the Army safely through many difficulties of war. Colonel Victor C. Vaughan, United States Army. For exceptionally meritorious and conspicuous service. During his service in the office of the surgeon-general his contributions of advice and information have been of great value to the Army in connection with the control of communicable diseases. During the recent epidemic of influenza, in particular, his work was of extreme value. Lieutenant-Colonel Richard P. Strong, Medical Corps, United States Army. For exceptionally meritorious and distinguished services. Possessed of the highest professional qualification and actuated by zealous devotion to duty, he has rendered service of inestimable value to the American Expeditionary Forces, notably as president of a board appointed to investigate the cause of trench fever, a disease which has caused serious losses to the effectiveness of the allied armies. The scientific research of this board under his skilful direction led to the discovery of the means by which trench fever is transmitted and in the establishment of effective measures for its prevention.

SCIENTIFIC NOTES AND NEWS

DR. CHRISTOPHER ADDISON has been appointed the first minister of health in the Ministry of Health which has been established by the British Parliament. Dr. Addison was at one time professor of anatomy, University College, Sheffield. He was parliamentary secretary to the Board of Education, 1914-15, minister of munitions, 1916-17; minister of reconstruction, 1917, and has latterly occupied the office of president of the Local Government Board.

PROFESSOR F. SODDY has been elected a foreign member of the Swedish Academy of Sciences in succession to the late Sir William Crookes.

DR. CHAS. B. DAVENPORT, of the Carnegie Institution of Washington, has been elected associate of the Académie des Sciences de Belgique.

DR. HENRY G. BARBOUR, assistant professor of pharmacology in Yale University, has received a grant of \$200 from the committee on