

CURRICULUM VITAE

Solandt, Omond M., (O.B.E., M.A., M.D., D.Sc., LL.D., F.R.C.P., F.R.S.C.). Born in Winnipeg, Manitoba. He obtained a B.A. in Biological and Medical Sciences at the University of Toronto in 1931. He spent the next two years in post-graduate research under Dr. C. H. Best in the Department of Physiology, Faculty of Medicine, University of Toronto, and obtained an M.A. He took his Doctorate from the Faculty of Medicine in 1936 and was awarded the Gold Medal. He also played on the senior intercollegiate football team. Following graduation from the Faculty of Medicine, he spent a year in research at Cambridge and a year as an intern at the Toronto General Hospital. In 1939, after post-graduate work at the London Hospital, he received the M.R.C.P. (London) and then returned to Cambridge as a lecturer in Physiology and a member of the teaching staff at Trinity Hall. Shortly after the outbreak of war, he was appointed Director of the Southwest London Blood Supply Depot and continued in that capacity until January 1941. He founded the Medical Research Council's Physiological Laboratory at the Armoured Fighting Vehicle School at Lulworth, and became actively engaged in research concerned with tank design and the physiological problems peculiar to tank personnel. In 1942, he turned from medical research to the then new field of operational research and formed the Armoured Fighting Vehicle Section of the Army Operational Research Group. The following year, he was appointed Deputy Superintendent, Army Operational Research Group and in May 1944, Superintendent. He joined the Canadian Army in February 1944 and left the Army in 1946 as a Colonel. In September 1945 he was sent to Japan by the War Office as a member of a mission to evaluate the effects of the atomic bomb. Dr. Solandt returned to the Department of National Defence in Ottawa in 1946 to begin planning for a permanent defence research organization in Canada. This work resulted in the formation of the Defence Research Board in 1947. Dr. Solandt became the first Chairman of the Board and the scientific member of the Chiefs of Staff Committee and Defence Council. In 1956, he left the Defence Research Board to become Vice-President, Research and Development, of the Canadian National Railways. In 1963, he left the CN to become Vice-President, Research and Development, and a Director of The de Havilland Aircraft of Canada, Limited and Hawker Siddeley Canada Ltd., and Chairman of the Board of DCF Systems Limited. In 1966, he left these positions to become Chairman of the Science Council of Canada and Vice Chairman of the Board of the Electric Reduction Co. He was also a Director of the Huyck Corporation and of EXPO 67. Dr. Solandt was awarded the O.B.E. in 1946, and the U.S. Medal of Freedom with Bronze Palm in 1947. He received the honorary degree of D.Sc. from the University of British Columbia in 1947, from Laval University in 1948, from the University of Manitoba in 1950, from McGill University in 1951, from St. Francis Xavier University in 1956, from Royal Military College in 1966, and from the University of Montreal in 1967; and, an LL.D. from Dalhousie University in 1952, and from the University of Toronto in 1954. He was elected a Fellow of the Royal Society of Canada (Section II) in 1948, and an Honorary Member of the Engineering Institute of Canada. In 1956 he was awarded the Gold Medal of the Professional Institute of Canada and in 1961 he received the Civil Award of Merit from the City of