

1941-1951: U.S. Public Health Service; served in Division on Physiology, National Institutes of Health, under Dr. W. H. Sebrell, from December 1941 through April 1944 and then transferred to National Cancer Institute, becoming Chairman, Endocrinology Section, in July 1946. Full-time clinical aspects of cancer.

1948-1966: Assistant Clinical Professor of Medicine, George Washington Medical School.

1940-1941: Graduate Fellow in Preventive Medicine; Johns Hopkins School of Hygiene; graduate study in statistics, epidemiology and internal medicine.

1939-1940 Intern—University of Wisconsin; General Hospital.

1936-1939 Research Fellow in Endocrinology; University of Wisconsin (part-time while completing medical studies) under Dr. R. K. Meyer; animal and clinical studies in endocrinology.

1935-1936 National Research Council Fellow in Biology; Brown University under Dr. W. C. Young; full-time research in endocrinology.

1934-1935 Instructor in Pharmacology, Howard University School of Medicine under Dr. A. H. Maloney; lectures and laboratory instruction for medical, dental, and pharmacy students; research in pharmacology of the barbiturates and several analeptics.

1930-1934 Research Assistant; University of Wisconsin under Dr. F. L. Hisaw; graduate study in biology and physiology leading to Ph.D degree under Dr. Hisaw and Dr. W. J. Meek.

HONORS AND AWARDS

Cancer Research Award; International College of Surgeons; May, 1969.

Recipient of Philippine Cancer Society Citation of Merit Award, Baguio City, Philippine Islands, January 1965.

Cancer Research Award, Ewing Society (1965).

University of Wisconsin Medical Alumni Citation for 1964.

Honorary Fellow, The American Association of Obstetricians and Gynecologists, 1962.

National Institutes of Health Lecturer for 1961.

Vice-President, The Endocrine Society, 1960-61.

Fellow, The American College of Physicians, 1960.

Honorary Member of The Medical Association of Chile.

Honorary membership, Argentina Medical Association, Section on Endocrinology and Nutrition.

Recipient of the Distinguished Service Award, Department of Health, Education and Welfare in 1962 and the Superior Service Award in 1957.

Awarded the 1957 American Association for the Advancement of Sciences—Anne Frankel Rosenthal Memorial Award for Cancer Research.

Member, Editorial Board, Journal of Pharmaceutical and Medicinal Chemistry.

Member, Editorial Board of The Society for Experimental Biology and Medicine.

Member, Research Advisory Council of The American Cancer Society, 1959-1962.

Member, Council of The Endocrine Society, 1959-1962.

Chairman, Advisory Committee on Therapy, American Cancer Society, 1956-1959.

Chairman, Panel on Endocrinology and Member of Executive Committee on Growth, National Research Council, 1953-1956.

Member, Editorial Board of journal "Endocrinology", 1959-1962.

Associate in Endocrinology, Warwick Memorial Clinic for Cancer and Allied Diseases, 1948-1953.

Member, Endocrinology and Metabolism Study Section of the National Institutes of Health, 1947-1955.

Scientific societies: Phi Beta Kappa; Sigma Xi; American Association for the Advancement of Science; Society for Experimental Biology and Medicine; American Physiological Society; The Endocrine Society; District of Columbia Medical Society; American Diabetes Association; American Medical Association; Laurentian Hormone Conference; Federation for Clinical Investigation; Washington Academy of Medicine; American College of Physicians (Fellow).