

**Academic appointments:**

Research Fellow in Pharmacology, Cornell U. Medical College, 1949-1950  
 Instructor in Pharmacology, Cornell U. Medical College, 1950-1953  
 Assistant Professor of Clinical Pharmacology, Cornell U. Med. School, 1953-1956  
 Assistant Professor of Pharmacology, Cornell U. Medical College, 1956-1957  
 Associate Professor of Pharmacology, Albany Medical College, 1957-1961  
 Associate Professor of Pharmacology, University of Missouri, 1961-1966  
 Professor of Pharmacology and Associate Professor of Community Health, University of Missouri, 1966-on

**Basic clinical medical training and experience:**

Internship—Beth Israel Hospital, Boston (Harvard Medical Center), 1944  
 Residency in Medicine—Montefiore Hospital, N.Y., 1948

**Clinical Pharmacology Experience:**

Clinical Assistant in Cardiology, Research Unit, Hospital for Joint Diseases, N.Y. (Part-time), 1949-1951  
 Assistant, Cardiovascular Research Unit, Beth Israel Hospital, N.Y. (Part-time), 1949-1951  
 Assistant Professor of Clinical Pharmacology, Cornell U. Medical College (Full-time), 1953-1956  
 Clinical Pharmacologist, University of Missouri Medical Center, 1964-on

**Military Experience:**

Active duty, A.U.S. in World War II. Commissioned 1st Lt. Medical Corps, October 6, 1944. Promoted to Captain, February 28, 1946. Discharged, December 26, 1946. Service in U.S., Philippines and Japan. Awarded Combat Medical Badge, May 27, 1945, by 126th Infantry, 32nd Division.

**Research prizes and research fellowships:**

1943—William M. Polk Prize for Research, Cornell University Medical College  
 1949—Henry M. Moses Prize for Research, Montefiore Hospital  
 1949-1951—New York Heart Association Research Fellowship (U.S.P.H.S. Post-Doctoral Fellowship awarded and declined)  
 1952-1956—American Heart Association Research Fellowship  
 1957-1961—United States Public Health Service Senior Research Fellowship  
 1962-1967—United States Public Health Service Career Research Development Award

**Medical licensure:**

New York, Missouri, California

**Membership in scientific societies:**

Society for Experimental Biology and Medicine  
 Society for Pharmacology and Experimental Therapeutics  
 American Federation for Clinical Research—Senior Member  
 Sigma Xi

**Fellowships in medical and scientific organizations:**

Fellow—American College of Physicians  
 Fellow—American College of Clinical Pharmacology

**Membership in medical societies:**

Boone County Medical Society  
 Missouri Medical Association  
 American Medical Association

**Consultancies and related activities—Pharmacology and clinical pharmacology—****Government and medical groups:**

Consultant to Senate Committee on Antitrust and Monopoly (Kefauver) 1960, 1961  
 Member of Ad Hoc A.A.M.C. Committee on Relations with Pharmaceutical Industry 1961  
 Consultant to A.M.A. Council on Drugs 1965, 1966  
 Consultant in Clinical Pharmacology to Cancer Research Center, Columbia 1966, 1967

**Faculty committee assignments—University of Missouri:**

MEND Committee (Secretary)—1961 to date  
 Civil Defense Committee (Campus-wide)—1962 to date  
 Research Development Committee—1961-1965  
 Student Research Subcommittee (Chairman)—1964-1965  
 Safety Committee—1967  
 Human Experiment Committee—1965 to date