Pioneering neuroscientist Robert Stone Dow was Oregon’s first board-certified neurologist. A specialist in the treatment of epilepsy and an expert on the cerebellum, Dow witnessed and participated in many of the advances in the understanding and treatment of neurological disorders during the twentieth century.

Graduate of Linfield College and the University of Oregon Medical School (predecessor of OHSU) Dr. Dow pursued his post-doctoral education in Europe and on the East Coast at Yale and the Rockefeller Institute. Dow introduced the use of the electroencephalogram in Oregon for neurologic diagnosis. In 1958 he published *The Physiology and Pathology of the Cerebellum*, which was immediately heralded as a definitive reference. Based on the success of the book, Dow received his first grant from the National Institutes of Health (NIH) in 1959.

Dow used his NIH grant to establish a research team at Good Samaritan Hospital. *The Neurological Sciences Institute* lasted for four decades, and at its height had a staff of over fifty scientists. During the last three decades of his life, Dow helped build a series of strong clinical programs at Good Samaritan including initiatives in epilepsy, Alzheimer’s disease, migraines, Parkinson’s, brain tumors, and strokes.

Casey Bush, Dow’s biographer, will tell Dr. Dow’s story, highlighting the changes in neuroscience over the last century and provide an overview of the cultural and scientific inheritance of the Legacy Research Institute’s R.S. Dow Neurobiology Laboratory.

Sponsor of this talk: Joseph Cioffi, Ph.D., Senior Director of Legacy Research Administration

Casey Bush has been Legacy’s Research Regulatory Specialist since 1992. He has a Bachelor’s Degree from Michigan State University in Creative Writing (1976). He is the author of the chess biography “Grandmaster from Oregon: The Life and Games of Arthur Dake” (1991) and served as the Oregonian’s chess editor from 1988 to 1992. He has published articles about science, medicine, music, art and history, and is the author of seven books of poetry. Currently he is a senior editor of The Bear Deluxe, an environmental arts magazine.