

Dr. Sanderson received his PhD degree in Cell Biology in 1986 from the University of Alabama at Birmingham (UAB) followed by a postdoctoral fellowship in the laboratory of Merton Bernfield at Stanford University. He joined the faculty in Pathology at the University of Arkansas for Medical Sciences in 1989 and rose to the rank of Professor in 2000. There, he held the Drs. Mae and Anderson Nettleship Chair in Oncologic Pathology and also served as Director of Basic Research for the Arkansas Cancer Research Center. He joined the UAB Department of Pathology in 2006, is the UAB Endowed Professor in Cancer Pathobiology and is co-leader of the Cancer Cell Biology Program of the UAB Comprehensive Cancer Center.

He is on the editorial board of the Journal of Biological Chemistry and an Associate Editor of Matrix Biology. His research focuses on the role of heparanase and syndecan-1 in driving the growth, progression and metastasis of cancer.