

Diane Snow

Dean and Wassenich Family Endowed Chair at Texas Christian University

Fort Worth, TX, US

Professor Snow focuses on spinal cord injury research

Biography

Professor Diane Snow obtained her Ph.D. from Case Western Reserve University, Department of Neurosciences, under the mentorship of Dr. Jerry Silver, and her postdoctoral fellowship with Dr. Paul Letourneau at the University of Minnesota. Having been greatly influenced by Silver's enthusiasm and dedication to spinal cord injury research, Snow and Silver were pioneers of the concept that chondroitin sulphate proteoglycans serve as major inhibitors of nerve regeneration following spinal cord injury. They both continue to investigate avidly the mechanisms of proteoglycan inhibition of axon guidance and regeneration.

Before coming to TCU, Dr. Snow was a Professor of Neuroscience at the University of Kentucky, where she held an endowed chair in the Spinal Cord and Brain Injury Research Center. In addition, she was the interim director of the UK Honors program and director of the Office of Undergraduate Research at the University.

Further, she has been a life-long advocate for girls and women in science, and has received the prestigious Sarah Bennett Holmes Award (2010) for "significant contributions to the advancement of women." Dr. Snow has authored more than 50 scientific articles and received support from the National Institutes of Health, the U.S. Department of Defense, the Christopher and Dana Reeve Foundation, Walk-2-Run Foundation, Craig H. Neilsen Foundation, and others.

She became Dean of the John V. Roach Honors College in August 2016.

Areas of Expertise

Women in Science, Spinal Cord Research, Spinal Cord Injury, Neuroanatomy

Education

Case Western Reserve University

Ph.D. Neurosciences

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