

Keith E. Tansey, MD, PhD, is a Senior Scientist in the NeuroRobotics Lab and the Center for Neuroscience and Neurological Recovery at Methodist Rehabilitation Center, a Professor in the Departments of Neurosurgery and Neurobiology and Anatomical Science and lead faculty of the Neurotrauma Center in the Neuro Institute at the University of Mississippi Medical Center, and a Physician on the Spinal Cord Injury Medicine and Research Services at the G.V. (Sonny) Montgomery Veterans Administration Medical Center in Jackson Mississippi, USA. After receiving his Bachelor's and Master's degrees in biology with a focus on biomechanics from Stanford University in 1985, Tansey earned his Medical and Doctoral (Neuroscience) degrees at the University of Texas Southwestern Medical School in 1994. He then completed his Residency in Neurology at Washington University and Fellowships in Neurorehabilitation and Spinal Cord Injury Research there and at the University of California at Los Angeles. He was board-certified in Neurology and then earned subspecialty certifications in Spinal Cord Injury Medicine and Neural Repair and Rehabilitation. Dr. Tansey has served on the boards of the American Society for Neurorehabilitation and the International Society for Restorative Neurology (Past-President), and is the current President of the American Spinal Injury Association. He also works on numerous scientific advisory boards and planning groups for other national and international groups. Tansey is an award-winning medical educator and has been invited to speak on his research work internationally. He has had research funding support from NIH, NIDDR/NIDILRR, DoD, VA, Neilsen Foundation, Fox Foundation, and the Mobility Foundation Center. He studies plasticity in neural circuits for pain, autonomic function, locomotion, and upper extremity function in animal models and humans after spinal cord injury, with an interest in shaping that plasticity to improve functional recovery.