

Charles Liu, PhD, MD

About Dr. Liu:

Dr. Liu completed his undergraduate education in chemical engineering at the University of Michigan, Ann Arbor and his PhD in chemical/bioengineering at Rice University. He then attended medical school at Yale University before completing his neurosurgical training at the University of Southern California affiliated hospitals. Dr. Liu is engaged in a broad spectrum of efforts that brings together the fields of engineering and medicine to develop systems-level solutions to challenges that lead to human suffering due to loss of nervous system function over the life-span. He is currently a professor of neurosurgery and neurology (primary), as well as urology, biomedical engineering, and physical therapy and biokinesiology (by courtesy) at the University of Southern California, where he also serves as the Director of the USC Neurorestoration Center. He is also the Director of Neurorecovery Integrated Care Teams and Chair of Neurosurgery and Orthopedics at Rancho Los Amigos National Rehabilitation Center. He serves as secretary of the USC Epilepsy Consortium, a unique patient-centered partnership for epilepsy care that connects over 20% of the National Association of Epilepsy Centers registered programs in California serving patients in the southern half of the state. He is also the Head Team Neurosurgeon for the USC Department of Athletics.