

## Biography:

Jeff W. Chen, MD, PhD was born in Pasadena, California, USA. After attending primary and secondary schools there, he enrolled at The California Institute of Technology (Caltech) where he received a bachelors and masters degree in Chemistry in 1981. He then attended the Johns Hopkins University School of Medicine and was the recipient of the Medical Scientist Training Program (MD-PhD) award. He graduated in 1987 and then did his residency training in Neurological Surgery at the University of California, San Diego (1987-1993). He did a neurovascular/skull base fellowship at the Barrow Neurological Institute in Phoenix, Arizona (1993-94).

Dr. Chen joined the faculty of the University of Texas Medical Branch at Galveston and served as Assistant Professor of Neurosurgery (1994-99). He moved to Portland, Oregon in 1999 where he has been director of NeuroTrauma at Legacy Emanuel Hospital. He maintains a private practice in Neurosurgery where his focus is on brain tumors, neurotrauma, and normal pressure hydrocephalus. He has been the local principal investigator for national/international multicenter clinical trials in traumatic brain injury, spinal cord injury, and glioma treatment. His areas of clinical research are in multimodality monitoring in head injury and the use of 5-ALA fluorescence in glioma resections. He has developed a neurocritical program at Legacy Emanuel Hospital focused on the use of cerebral microdialysis in head injury and stroke.

Dr. Chen is a fellow of the American College of Surgeons and the American Association of Neurological Surgeons. He is also active in the Congress of Neurological Surgeons, the National Neurotrauma Association, and the Neurocritical Care Society

Dr. Chen has maintained a basic research laboratory at the Legacy Holladay Park Research Center. Molecular studies have been focused on the role of lysosomes and autophagy in brain tumors and head injury.

Dr. Chen, his two children and his wife enjoy the beauty of the Northwest. They also travel frequently to Asia where he has been a visiting lecturer in Hong Kong, Shanghai, and Xian.