Dr. Adnan Siddiqui, MD, PhD, is a Professor of Neurosurgery and Radiology who joined UBNS in January 2007. He completed fellowship training in Interventional Neuroradiology, Cerebrovascular Surgery and Neurocritical Care from Thomas Jefferson University in Philadelphia. He completed his Neurosurgical residency at Upstate Medical University and received his PhD in Neuroscience from the University of Rochester and medical degree from Aga Khan University, Pakistan. Though Dr. Siddiqui is well trained in all general neurosurgical procedures, including brain tumor, spine and peripheral nerve surgery, because of specialized training, he has gravitated toward vascular diseases involving the brain and spinal cord.

Dr. Siddiqui has special interest and expertise in the performance of complementary microsurgical, radiosurgical and endovascular techniques for the comprehensive management of cerebrovascular conditions. This spectrum of disease includes aneurysms and arteriovenous malformations, as well as dural, cavernous and spinal fistulae. He has special interests in acute stroke management with intra-arterial thrombolysis, as well as endovascular and microsurgical management of extracranial and intracranial vascular occlusive disease. Other clinical interests include endovascular management of intractable epistaxis; preoperative head, neck, and brain tumor embolization; resection of skull base tumors; endoscopic surgery for aneurysms and pituitary tumors; third ventriculostomy; and arachnoid cysts.

The Neuroendovascular Research and Stroke Service is led by Dr. Siddiqui, who is proud to lead UB's Department of Neurosurgery, which was ranked 7th in academic impact in North America by the Journal of Neurosurgery. He serves as a reviewer for Stroke, Neurosurgery, Journal of Neurosurgery and Journal of Neurointerventional Surgery as well as many others. He has over 100 peer reviewed publications, more than 50 chapters and has been invited to more than 200 national and international lectureships.

Dr. Siddiqui is currently a member of the Executive Council of the Joint Section of Cerebrovascular Surgery of the American Association of Neurological Surgery (AANS) and is Chairman of the Nominating Committee. He has served on Endovascular Task Force of AANS and been on multiple scientific committees on AANS, Society of Neurointerventional Surgery and the Congress of Neurological Surgeons.

Dr. Siddiqui is married and has three children. He is a proud Buffalonian who is challenged and invigorated by taking care of neurosurgical patients and their families. He is grateful for the opportunity to work at the Gates Vascular Institute, a facility with some of the world's best technologies, where he and other experts can interact with leading researchers in order to make scientific advancements at the Toshiba Stroke & Vascular Research Center.

Education and Training: Fellowship, Cerebrovascular Surgery, Thomas Jefferson University (2006) Residency, Neurosurgery, Upstate Medical University, State University of New York (2005) Residency, Neurosurgery, Upstate Medical University, State University of New York (2004) PhD, Neuroscience, University of Rochester (2003) Internship, Upstate Medical University, State University of New York (1999) MS, University of Rochester School of Medicine and Dentistry (1997) MD, Aga Khan University (1992) Fellowship, University of Rochester School of Medicine and Dentistry, Division of Neurological Surgery Employment: Director of Neuroendovascular Fellowship, Kaleida Health / UB Neurosurgery (2013-present) Associate Professor of Neurosurgery, Neurosurgery, University at Buffalo (2011-present) Director of Neurosurgical Research, Neurosurgery, University at Buffalo (2008-present) Director of Neuroendovascular Critical Care, University at Buffalo (2007-present) Assistant Professor of Neurosurgery, Neurosurgery, University at Buffalo (2007–2011) Assistant Professor of Neurosurgery, Radiology and Neuroscience & Physiology, Neurosurgery, SUNY Upstate Medical University (2006) Instructor of Neurosurgery, Neurosurgery, SUNY Upstate Medical University (2005–2006) Awards and Honors: George Thorn Young Investigator Award, University at Buffalo

(2012) Business First Top 50 Physicians in Western New York (2010) Arnold P. Gold Foundation National Award for Teaching (2004) National Research Service Award in Neuroscience (1997) National Research Service Award in Neuroscience (1996) Bartlett Award for best presentation, University of Rochester (1994)

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