



PHILIP E. STIEG, PH.D., M.D.

Professor and Chairman of Neurological Surgery
Neurosurgeon-in-Chief
Weill Cornell Medicine Neurological Surgery
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SURGICAL SPECIALTIES & CLINICAL EXPERTISE

Aneurysm and Hemorrhage
Brain Tumors
Endarterectomy
Carotid Artery Disease
Acoustic Neuroma
Arteriovenous Malformation (AVM)

Trigeminal Neuralgia Surgery
Meningioma
Hemifacial Spasm
Vascular Malformations
Skull Base Surgery
Cerebrovascular Disease

Dr. Philip E. Stieg is a world-renowned, board-certified neurosurgeon with expertise in cerebrovascular disorders, brain tumors, and skull base surgery. He is the chairman and founder of the Weill Cornell Medicine Brain and Spine Center, the leading center for patient care in New York City. He has appeared on the list of Castle Connolly's "Best Doctors in America" every year for more than two decades. Dr. Stieg is internationally known as a lecturer dedicated to the training of other neurosurgeons, and is the host of the weekly podcast called *This Is Your Brain With Dr. Phil Stieg*, which explores the many wonders of the brain.

Recently appointed by Governor Cuomo to the New York State Athletic Commission, Dr. Stieg is a past president of the Brain Tumor Foundation, the New York board of the American Heart and Stroke Association, and the Society of University Neurosurgeons. He has contributed to the Joint Sections of Cerebrovascular Surgery of the American Association of Neurological Surgeons and Congress of Neurological Surgeons (AANS/CNS), where he now assists in the capacity of past chairman. Dr. Stieg is the recipient of multiple awards and honors, and in 2018 he was presented with the Ellis Island Medal of Honor for his achievements in neurosurgery.

Dr. Stieg is a widely published author and editor, and his credits include the definitive textbook on AVMs, *Intracranial Arteriovenous Malformations* (CRC Press, 2006). He

serves as an advisor to the Defense Department on brain injury and is frequently featured in the media for his expertise and commentary on breaking news in healthcare.

TRAINING

Dr. Stieg received his B.S. degree from the University of Wisconsin at Madison (1974), his Ph.D. in Anatomy and Neuroscience from Union University (1980), and his M.D. from the Medical College of Wisconsin in 1983. He trained at the University of Texas Southwestern Medical School (Parkland Memorial Hospital) with Drs. Duke Samson and Hunt Batjer while completing a fellowship in cell transplantation for restorative neurological function at the Karolinska Institute in Stockholm, Sweden. After completing his postgraduate training, in 1989 Dr. Stieg joined the faculty of the Harvard Medical School, Brigham and Women's Hospital, and Children's Hospital of Boston. In 2000 he was recruited by NewYork-Presbyterian/Weill Cornell Medical Center to become the founding chairman of its new Department of Neurological Surgery.

RESEARCH

Dr. Stieg's research interests include cerebral protection as well as restorative function. He is also interested in neural transplantation and neuronal regeneration after stroke. His initial studies focused on understanding the mechanisms of injury in the central nervous system after trauma. His laboratory was one of the first to develop and characterize primary cultures of astroglial cells.

Dr. Stieg's expertise in cerebrovascular disorders combines with his research interests in stem cell biology and cerebral transplantation for restoring neurological function. Dr. Stieg has implemented a multifaceted and integrated approach to the management of neurosurgical disorders such as carotid artery disease, vascular malformations, aneurysms, epilepsy, brain tumors, trauma, pediatric disorders, spinal cord problems, and functional diseases, including Parkinson's disease.

CLINICAL LOCATIONS

NewYork-Presbyterian/Weill Cornell
1305 York Avenue, 9th floor
(at 70th Street)
New York, NY 10021

NewYork-Presbyterian/Weill Cornell
525 East 68th Street (at York Avenue)
Starr Pavilion, Room 651
New York, NY 10065



Weill Cornell Medicine

Brain & Spine Center

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