

**Peter M. Black, MD, PhD**



Dr. Black is the Emeritus Franc D. Ingraham Professor of Neurosurgery at Harvard Medical School, Founding Chair of the Department of Neurosurgery at Brigham and Women's Hospital, and former Chair of the Department of Neurosurgery at Children's Hospital, Neurosurgeon-in-chief at Brigham and Women's Hospital, and Chief of Neurosurgical Oncology at Dana-Farber Cancer Institute. He has honorary professorships from Aristotle University in Thessaloniki, the National Center for Neurosurgery, Kazakhstan, The Burdenko Neurosurgical Institute, Moscow, and the International Neuroscience Institute, Hannover. He is a fellow of the American College of Surgeons and the Royal Society of Medicine. He was President of the World Federation of Neurosurgical Societies from 2009 2013 and is a member/honorary member of more than fifty neurosurgical societies around the world. He has received the Distinguished Service Award of the Tumor Section of the AANS and CNS, the Bucy Award, the Charles Wilson Award, the Pioneer Award of the Children's Brain Tumor Foundation, the ROFEH International Humanitarian Award, Partners in Excellence award, and Patient's Choice Award. While in practice, he was consistently listed in America's Top Doctors, Best Doctors, and Top Doctors for Cancer.

He was part of the creation of the Surgical Planning Laboratory by Ron Kikinis and Ferenc Jolesz in 1991. Subsequent collaboration with these giants and others changed imaging and surgery forever. Drs. Eben Alexander, Philip Stieg, Marvin Fried, Anthony

Amato and Jay Loeffler helped to drive the project at this time, and spectacular nursing, technical, operative, and anesthesia teams enabled more than one thousand cranial procedures to be done with SPL help. The development of the intraoperative MRI culminating in AMIGO, frameless image-guided surgery leading to Slicer, focused ultrasound and interstitial laser therapy, automated segmentation, robotic surgery, and integration of functional and anatomic imaging were among the dazzling accomplishments of this group.

Of Dr. Black's 640 papers and fourteen books, a substantial number involve work rising from the SPL. The same could be said of his hundreds of lectures. Professors Kikinis, Jolesz, and Tempany, and their collaborators made this unit a model for dazzling clinically directed imaging, multidisciplinary and international collaboration, and academic excellence.