

Michael Sughrue

Neurosurgeon native from Oklahoma who attended his undergraduate studies at the University of Oklahoma. After training at several world renowned brain tumor centers, he returned to Oklahoma to provide world class care to Oklahomans with complex brain tumors. He was a founding member and is current director of the Comprehensive Brain Tumor Center at OU.

Dr. Sughrue's practice focuses entirely on adult brain tumors, and he performs nearly 400 brain tumor operations per year. His specific interests include removal of gliomas from critical brain regions such as speech and motor parts of the brain, skull base surgery, keyhole brain surgery, endonasal endoscopic skull base surgery, and acoustic neuroma surgery. Dr Sughrue has published over 140 publications in the scientific literature, and has co-edited several text books. He is an innovator in minimally invasive brain tumor surgery, and has taught courses to neurosurgeons all over the world about how to perform these operations. In addition, using advanced language mapping techniques, he is often able to successfully remove many brain tumors deemed inoperable at other centers. The language mapping effort he established at OU is one of the busiest awake brain surgery programs in the United States, performing several awake brain surgeries a month.

Dr. Sughrue attended medical school at the Columbia University College of Physicians and Surgeons in New York, graduating Alpha Omega Alpha. He completed his neurosurgical residency at the University of California, San Francisco, before completing a fellowship in Minimally invasive neurosurgery at the Prince of Wales Hospital in Sydney, Australia. He joined the Faculty at the University of Oklahoma in January 2012.

Fellowship: Centre for Minimally Invasive Neurosurgery, Randwick, NSW, Australia

Residency: University of California at San Francisco, Dept. of Neurological Surgery

Surgical Internship: University of California at San Francisco, Department of Surgery

Medical School: Columbia University, College of Physicians and Surgeons

HONORS AND AWARDS

National Merit Scholarship, 1997

David A Boyd Scholarship, 1997

Golden Key National Honor Society, 1999

Memorial Sloan-Kettering Medical Student Research Fellowship, 2001

American Heart Association Medical Student Research Fellowship, 2003

American Medical Association: Seed Research Grant, 2004

Alpha Omega Alpha, 2005

Louis Gibofsky Memorial Prize for Excellence in Immunobiology Research, 2005

Synthes Skull Base Award, 2008 American Association of Neurological Surgeons, 2008

AANS- NREF Resident Research Fellowship, 2009

Ruth L. Kirschstein National Research Service Award (NRSA) Research Training Grant (NIH-NINDS), 2009

Ronald L. Bittner Award, 2010 American Association of Neurological Surgeons, 2010

Rosegay Award: San Francisco Neurologic Society, 2011

PROFESSIONAL ASSOCIATIONS/AFFILIATIONS

Alpha Omega Alpha, Medical Honor Society, 2005

American Association of Neurological Surgeons, 2006

Congress of Neurological Surgeons, 2006

PUBLICATIONS | BOOK CHAPTERS

Sughrue ME, Sanai N, McDermott MW, Tuberculum Sellae Meningiomas, Meningiomas, 2nd ed, Editors: Al-Mefty O, McDermott MW, DeMonte F, p 206-213

Sughrue ME, Parsa AT, Meningiomas of the Cerebellar Convexity, Meningiomas, 2nd ed, Editors: Al-Mefty O, McDermott MW, DeMonte F, p256-261

Sughrue ME, McDermott MW, Meningiomas of the Middle Fossa Floor, Meningiomas, 2nd ed, Editors: Al-Mefty O, McDermott MW, DeMonte F, p331-338

Sughrue ME, Potts MB, Stiver SI, Manley GT, Decompressive Hemicraniectomy, Essential Techniques in Operative Neurosurgery, Editors: Jandial, R, McCormick P, Black P, p70-74

Sughrue ME, Parsa AT, Frontotemporal Craniotomy with Orbitozygomatic Osteotomy, Essential Techniques in Operative Neurosurgery, Editors: Jandial, R, McCormick P, Black P, p 90-96

Sughrue ME, Parsa AT, Far Lateral Suboccipital Approach, Essential Techniques in Operative Neurosurgery, Editors: Jandial, R, McCormick P, Black P, p104-110

Sughrue ME, Parsa AT, Middle Fossa Craniotomy and Approach to the IAC or Petrous Apex, in press Essential Techniques in Operative Neurosurgery, Editors: Jandial, R, McCormick P, Black P

Sughrue ME, Parsa AT, Retrolabyrinthine Approach, Essential Techniques in Operative Neurosurgery, Editors: Jandial, R, McCormick P, Black P, p122-127

Sughrue ME, Parsa AT, Temporopolar (Half and Half) Approach to the Basilar Artery, and the Retrosellar Space, Essential Techniques in Operative Neurosurgery, Editors: Jandial, R, McCormick P, Black P, p111-116

Sughrue ME, Parsa AT, Subfrontal and Bifrontal Craniotomies with or without Orbital Osteotomy, Essential Techniques in Operative Neurosurgery, Editors: Jandial, R, McCormick P, Black P, p97-103

Sughrue ME, Fisch B, Lustig R, McDermott MW, Craniopharyngioma, Pediatric CNS Tumors, 2nd Edition, Editors: Gupta N, Banerjee A, Haas-Kogan D, p135-158

Lim DA, Sughrue ME, McDermott MW, Structure and Function of the Brain and Spinal Cord, Essentials

of Neuroanesthesia and Neurointensive Care, Editors: Gupta AK, Gelb AW, p3-13

Parsa AT, Sughrue ME, Acoustic Neuromas (Vestibular Schwannomas), Fundamentals of Operative Techniques in Neurosurgery, 2nd edition, Editors: Connolly ES Jr., McKhann GM, Huang J, Choudhri T, Komotar RJ, Mocco J, p225-230

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