

**DOUGLAS J. FOX, JR., MD**

**Education**

B.S., Biology Wake Forest University, Winston-Salem, NC (1995)

M.D., Washington University School of Medicine, Saint Louis, MO (1999)

**Clinical Appointments**

2007-Present Executive Medical Director, NeuroTexas Institute  
Director of Brain Tumor Program

Neurosurgeon  
NeuroTexas, PLLC

2004-2005 Chief Resident, Department of Neurological Surgery  
Barnes Jewish Hospital, Saint Louis, MO  
Washington University School of Medicine

2003-2004 Senior Registrar Physician, Department of Neurological Surgery  
Beaumont Hospital, Dublin, Ireland

2002-2003 Resident Physician, Department of Neurological Surgery  
Saint Louis Children's Hospital, Saint Louis, MO  
Washington University School of Medicine

2000-2004 Resident Physician, Department of Neurological Surgery  
Barnes Jewish Hospital, Saint Louis, MO  
Washington University School of Medicine

1999-2000 Intern in General Surgery, Department of Surgery  
Barnes Jewish Hospital, Saint Louis, MO  
Washington University School of Medicine

**Fellowships**

Fellow to Robert F. Spetzler, M.D., Cerebrovascular and Skull Base Surgery  
Barrow Neurological Institute  
St. Joseph's Hospital, Phoenix, AZ 2005-2006

Fellow to Volker K. Sonntag, M.D., Complex Spinal Surgery  
Barrow Neurological Institute  
St. Joseph's Hospital, Phoenix, AZ 2006-2007

**Hospital Affiliations**

Attending Neurosurgeon, Barrow Neurological Institute, St, Joseph's Hospital  
Phoenix, AZ 2005 to present

Attending Neurosurgeon, Scottsdale Osborn Hospital, Scottsdale, AZ  
2005 to present

Attending Neurosurgeon, Banner Thunderbird Hospital, Phoenix, AZ  
2005 to present

**Licensure**

United States Medical Licensing Examination (USMLE)  
Passed Part I,II,III

American Board of Neurological Surgery Examination

**Awards**

- Alpha Omega Alpha
- Phi Beta Kappa
- Summa Cum Laude

**Publications and Abstracts**

Fox, DJ Jr, Doolabh, VB, Hunter, DA, Mackinnon, SE. Decreased Cyclosporin A Requirements with Anti-ICAM-1 and LFA-1 in Peripheral Nerve Allograft Transplantation Model. *Journal of Restorative Neuroscience and Neurobiology* 15:319-326, 1999.

Leuthardt EC, Fox DJ Jr, Dacey RG Jr, Ojemann GA, Grubb RL, Rich KM, Ojemann JG. Frameless Stereotaxy Without Rigid Pin Fixation During Awake Craniotomies. Annual meeting of Congress of Neurosurgeons, Philadelphia, PA, August 2002.

Fox DJ Jr, Moran, CJ, Cross, DT, Grubb RL, Rich, KM, Chicoine, MC, Dacey, RG Jr, Derdeyn, CP. Long-Term Outcome After Angioplasty for Symptomatic Extracranial Carotid Stenosis in Poor Surgical Candidates. *Stroke* 33:2877 – 2880, 2002.

Leuthardt EC, Fox DJ, Dacey RG, Ojemann OA, Grubb RL, Rich KM, Ojemann JG. Frameless stereotaxy without rigid pin fixation during awake craniotomies. *Stereotact Funct Neurosurg* 79(3-4):256-61, 2002.

Leuthardt EC, Fox DJ. "Neurosurgery Essentials." *The Washington Manual Surgery Survival Guide*. Eds. Jeremy Goodman et al. Philadelphia: Lippincott Williams and Wilkins, 2003.

Leuthardt EC, Fox DJ. "Neurosurgery: General Approach." The Washington Manual Surgery Survival Guide. Eds. Jeremy Goodman et al. Philadelphia: Lippincott Williams and Wilkins, 2003.

Leuthardt EC, Fox DJ. "Approaches to Common Problems in Neurosurgery." The Washington Manual Surgery Survival Guide. Eds. Jeremy Goodman et al. Philadelphia: Lippincott Williams and Wilkins, 2003.

Fox, DJ Jr, Derdeyn, CP, Dacey, RG Jr. Giant Fusiform Aneurysm of the Middle Cerebral Artery In: Complex Tumors and Vascular Lesions: Neurosurgical Tactics and Approaches, ed. Kobayashi, Shigeaki. New York. Thieme. 2005

Zipfel GZ, Fox DJ, Rivet DJ. Moyamoya disease in adults: the role of cerebral revascularization. *Skull Base* 15:27-41, 2005.

Fox DJ Jr, Tysver Velde H, Preza C, O'Sullivan JA, Smith WH, Woolsey TA Computational hyperspectral interferometry for studies of brain function: proof of concept. *Appl Optics* 45(13):3009-21. May 2006

Fox DJ Jr, Woolsey TA, Preza C, O'Sullivan J, Tysver Velde H, Smith WH Computational hyperspectral microscopy for studies of Neural and Biological Function. *Computational Optical Sensing and Imaging*, OSA. June 2005 Charlotte, NC AO/COSI/IP/SRS Abstracts

Fox DJ Jr, Moran, CJ, Cross, DT, Grubb RL, Rich, KM, Chicoine, MC, Dacey, RG Jr, Derdeyn, CP. Long-Term Outcome After Angioplasty for Symptomatic Extracranial Carotid Stenosis in Poor Surgical Candidates. BNI Alumni Conference February 2006, Jackson Hole, WY

Fox DJ Jr. Carotid Cavernous Sinus Fistulas. BNI Alumni Conference February 2006, Jackson Hole, WY.

Fox DJ Jr, Woolsey TA, Preza C, O'Sullivan J, Tysver Velde H, Smith WH Hyperspectral Imaging in Neurosurgery. Spring Brain Conference March 2006 Sedona, AZ

Fox DJ Jr, Khurana G, Spetzler RF. "Olfactory Groove and Planum Sphenoidale Meningiomas" Meningiomas: Diagnosis, Treatment, and Outcome. Ed. Lee, JH. Springer, NY 2006 (in press)

Khurana G, Fox DJ Jr, Gonzalez LF, Shedd SA, Spetzler RF. "Vertebral Confluence and Mid-Basilar Aneurysms including the Transpetrosal Approach" Neurosurgical Operative Atlas (Second Edition): Vascular Neurosurgery. Ed. MacDonald RL. Thieme, NY 2006 (in press)