

CURRICULUM VITAE

Michael James Schlosser, M.D.
Neurosurgical Associates
Nashville, TN

PERSONAL DATA

Office Address:

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Nashville, TN 37205
Tel: 615-986-1256 x143
Email: mjschlosser@gmail.com

Place of Birth:

Detroit, MI

Date of Birth:

October 9th, 1973

POSITIONS

Centennial Medical Center Nashville, TN
Chairmen Neuro-Spine Committee
January 2008-present

Centennial Medical Center Nashville, TN
Vice-Chairmen Surgical Advisory Committee
March 2009-present

AO Faculty
June 2007-present

Johns Hopkins University Baltimore, MD
June 2005-July 2006
Assistant Chief of Service
Instructor, Department of Neurosurgery
Advanced training in Neuro-oncology and complex spine reconstructions

EDUCATION **Johns Hopkins University** Baltimore, MD
July 2003-June 2005
Neuro-oncology Fellow

Johns Hopkins University Baltimore, MD
July 2002-June 2003
Chief Resident, Department of Neurosurgery

Johns Hopkins University Baltimore, MD
July 2000-June 2002
Resident, Department of Neurosurgery.

Johns Hopkins University Baltimore, MD
July 1999-July 2000
Internship, Halstead General Surgery Service

Yale University School of Medicine New Haven, CT
September 1994 – May 1999
Awarded Doctor of Medicine degree.
Thesis: Functional Magnetic Resonance Imaging and its uses in both neurosurgical planning and as a tool to study the effects of surgical therapy on eloquent cortex.

Massachusetts Institute of Technology Cambridge, MA
September 1991 - May 1994
Awarded Bachelor of Science in Chemical Engineering, Minor in Biology.

University High School Tucson, AZ
September 1987-May 1991

PEER-REVIEWED ARTICLES

Schlosser M, Schwarz J, Davis R, et al. Anterior Cervical Discectomy and Fusion with Allograft and Anterior Plating; A Report on 219 Patients/469 Level with a minimum of 2 Year Follow-Up. *Neurosurgery Quarterly*, in press.

Jones CK, **Schlosser MJ**, van Zijl PC, Pomper MG, Golay X, Zhou J. Amide proton transfer imaging of human brain tumors at 3T. *Magn Reson Med*. 2006 Sep;56(3):585-92.

Felten RP, Ogden NR, Pena C, Provost MC, **Schlosser MJ**, Witten CM. The Food and Drug Administration medical device review process: clearance of a clot retriever for use in ischemic stroke. *Stroke*. 2005 Feb;36(2):404-6.

Carpentier AC, Constable RT, **Schlosser MJ**, de Lotbiniere A, Piepmeier JM, Spencer DD, Awad IA: Patterns of functional magnetic resonance imaging activation in association with structural lesions in the rolandic region: a classification system. *J Neurosurg*. 2001 Jun;94(6):946-54.

Schlosser MJ, Luby M, Spencer DD, Awad IA, and McCarthy G: Comparative localization of auditory comprehension using functional MRI and cortical stimulation. *J Neurosurg*. 1999 Oct;91(4):626-35.

Schlosser MJ, Aoyagi N, Fulbright RK, Gore JC, and McCarthy G: Functional MRI studies of Auditory Comprehension. *Human Brain Mapping* 6:1-13 (1998).

Schlosser MJ, McCarthy G, Fulbright RK, Gore JC, and Awad IA: Cerebral vascular malformations adjacent to sensorimotor and visual cortex: Functional Magnetic Resonance Imaging studies before and after therapeutic intervention. *Stroke* 1997; 28:1130-7.

Clark JB, Altheide TK, **Schlosser MJ**, Kidwell MG,: Molecular evolution of P transposable elements in the genus *Drosophila*. The *Sultans* and *Willistoni* species groups. *Molecular Biology and Evolution*, Vol. 12, No. 5, Sept. 1995

Naroditskaya V, **Schlosser MJ**, Fang NY, and Lewis K,: An E. coli Gene emrD is Involved in Adaptation to Low Energy Shock. *Biochemical & Biophysical Research Communications* 1993 Oct. 29; 196(2): 803-9

PUBLISHED ABSTRACTS

Hammoud D, Basso G, **Schlosser MJ**, Tihan T, Barker P, Pomper MG. Brain Tumor Characterization by MR Spectroscopic and Perfusion Imaging. ASNR 42nd Annual Meeting, Seattle WA, 2004.

Schlosser MJ, Fulbright RK, Aoyagi N, Gore JC, Awad IA, and McCarthy G: Functional Magnetic Resonance Imaging of Auditory Comprehension. *NeuroImage* 1996; 3(3): 458.

Michael J Schlosser, BS, Issam A. Awad, M.D., MSc, FACS, Dennis D. Spencer, M.D., Joseph M. Piepmeier, M.D., Gregory McCarthy, PhD: CNS Annual Meeting, New Orleans, 1997.

INVITED TALKS

AOSNA Principles & Treatment of Spinal Disorders for Residents & Fellows
Philadelphia, PA, April 2009
Invited Faculty
Physical Diagnosis and evaluation of Cervical Spine Trauma
Complications, avoidance and pearls, Lumbar Spine surgery

AO OR personnel Principles Course
Invited Faculty
Nashville, TN 2007

David F Antezana, Randy F Davis, Arthur W Poetscher, John Yingling, John Awad, Michael Schlosser, Donlin M Long. ACDF With Allograft & Anterior Plating: A

Report on 134 Patients/272 levels with 2 yr follow up. American Academy of Orthopaedic Surgeons Annual Meeting, February 2003.

“Functional MRI and Arteriovenous Malformations: Studies at baseline and functional recovery after therapy.” Cerebrovascular Conference, Yale-New Haven Hospital, Oct 19, 1996.

“Functional Magnetic Resonance Imaging in Neurosurgical Patients: Studies of Sensorimotor and Language Cortex.” Functional Neuroimaging Seminar, Yale University School of Medicine, Mar. 13, 1997.

“Functional Magnetic Resonance Imaging: Studies of Sensorimotor and Auditory Comprehension” Medical Student Fellows Meeting, Howard Hughes Medical Institute, May 12th, 1997.

Invited to be a panelist at the luncheon seminar “Functional Brain Imaging” at the Congress of Neurological Surgeons Annual Meeting. Seattle, Washington, October 1998.

Invited to be a panelist at the luncheon seminar “Functional Brain Mapping” at the Congress of Neurological Surgeons Annual Meeting. Boston, Massachusetts. October 1999.

AWARDS

Howard Hughes Medical Institute, Continuing Support Award. Tuition and stipend allowance awarded to continue research until completion of medical school. June 1997- June 1999

Howard Hughes Research Fellowship for Medical Students. One-year fellowship to pursue research during medical education. June 1996- May 1997

National Merit commend scholar, 1991

Advanced Placement Scholar with Distinction, 1991

RESEARCH EXPERIENCE

Kennedy Krieger Institute Baltimore, MD
F.M. Kirby Research Center
Johns Hopkins University
June 2003-June 2005

U.S. Food and Drug Administration Rockville, MD
Center for Devices and Radiological Health
Office of Device Evaluation
Division of General, Restorative, and Neurologic Devices
July 2003-May 2005
Medical Officer in the General Surgery Devices Branch

Yale University School of Medicine New Haven, CT
Department of Neurological Surgery
Veterans Administration Hospital West Haven, CT
Neuropsychology Laboratory
Howard Hughes Medical Student Research Fellowship
May 1996 – May 1999
Thesis in Functional Magnetic Resonance Imaging (fMRI) in Neurosurgical patients.

Yale University School of Medicine New Haven, CT
Department of Neurological Surgery
Veterans Administration Hospital West Haven, CT
Neuropsychology Laboratory
March 1995 - May 1996

University of Arizona
Department of Ecology and Evolutionary Biology
Laboratory of Dr. Margaret Kidwell
Summer 1994 Tucson, AZ

Massachusetts Institute of Technology
Experimental Biology class (7.02)
January 1994 - May 1994
Teaching Assistant in 7.02, Experimental Biology. Cambridge, MA

Massachusetts Institute of Technology
Laboratory of Dr. Kim Lewis
Undergraduate Research Opportunity Program Grant
September 1992 - January 1994 Cambridge, MA

Polaroid Corporation
September 1993-December 1993 New Bedford, MA

University of Arizona
Department of Ecology and Evolutionary Biology
Laboratory of Dr. Margaret Kidwell
Summer 1992 Tucson, AZ

University of Iowa Veterans Administration Hospital
Department of Neurobiology
Laboratory of Dr. William Talman
Secondary Student Training Program
Summer 1989 Iowa City, IA

MEMBERSHIPS AO Spine Faculty 2007-present
American Medical Association 1994-present
American Medical Student Association 1994-1998
Organization for Human Brain Mapping 1996-present
Congress of Neurological Surgeons 2000-present
American Association of Neurological Surgeons 2001-present