

William Warren Maggio

**Curriculum Vitae
William Warren Maggio, M.D.
Attending Neurosurgeon
Presbyterian Neurological Surgery**

May 3, 2006

Personal Information:

Address: 1718 E. Fourth Street, Suite 202, Charlotte, NC 28204

Email: wvmaggio@comcast.net

Undergraduate Education:

1977 BA cum laude, Chemistry, Hamilton College,
Clinton, New York

Graduate Education:

1981 M.D., Milton S. Hershey Medical School,
Pennsylvania State University,
Hershey, Pennsylvania

Postgraduate Training:

6/79-6/81 Research Laboratory Assistant, Department of
Pharmacology, Hershey Medical Center,
Pennsylvania State University, Hershey,
Pennsylvania

7/81-6/82 Intern, General Surgery, Department of
Surgery, Milton S. Hershey Medical School,
Pennsylvania State University, Hershey,
Pennsylvania

7/82-6/88 Resident, Neurological Surgery, Department of
Neurological Surgery, University of Virginia
Hospital, Charlottesville, Virginia

7/84-6/85 Registrar, Neurological Surgery, Department of
Neurological Surgery, University of Cape Town,
Groole Schuur Hospital, Cape Town, South
Africa

7/86-6/87 Registrar, Neurological Surgery, Department of
Neurological Surgery, Freedom Fields Hospital,
Plymouth General Hospital, Plymouth, England,
United Kingdom

7/87-6/88 Chief Resident, Neurological Surgery, Department of
Neurological Surgery, University of Virginia

William Warren Maggio

School of Medicine, Charlottesville, Virginia

7/88-6/90

Fellow, Neurosurgical Oncology, Neurosurgical Service, Department of Surgery, Memorial Sloan-Kettering Cancer Center, New York, New York

Certification:

American Board of Neurological Surgeons (active)

Licensure:

State of Texas (inactive)
State of North Carolina (active)
State of Maryland (active)

Employment History:

Faculty Appointments:

7/90-9/96

Assistant Professor, Division of Neurosurgery, The University of Texas Medical Branch, Galveston, Texas

9/96-5/97

Associate Professor, Division of Neurosurgery, The University of Texas Medical Branch, Galveston, Texas

6/97-10/03

Associate Professor, Department of Neurosurgery, The University of Texas Health Science Center, Houston, Texas

Administrative Appointments:

10/92-3/93

Chief ad interim, Division of Neurosurgery, The University of Texas Medical Branch, Galveston, Texas

11/97-10/03

Surgeon-in-chief, Texas Comprehensive Epilepsy Program, Memorial Hermann Hospital Houston, Texas

11/97-10/03

Medical Director, Magnetoencephalography, Memorial Hermann Hospital, Houston, Texas

7/98-10/03

Medical Director, 5 West Jones, Memorial Hermann Hospital, Houston, Texas

William Warren Maggio

Hospital Appointments:

7/90-5/97	Staff Neurosurgeon, University of Texas, Galveston, Texas
6/97-10/03	Staff Neurosurgeon, Memorial Hermann Hospital, Houston, Texas
9/97-10/03	Staff Neurosurgeon, St. Lukes Episcopal Hospital, Houston, Texas
10/98-01	Staff Neurosurgeon, Memorial Southwest Hospital, Houston, Texas
1999-10/03	Staff Neurosurgeon, The Institute for Rehabilitation and Research, Houston, Texas
11/03-Present	Staff Neurosurgeon, Presbyterian Hospital, Charlotte, North Carolina

Professional Organizations:

American Association of Neurological Surgeons
Congress of Neurological Surgeons
Joint Section on Tumors
Joint Section on Neurotrauma and
Critical Care
Section on History and Neurosurgery
American Medical Association
North Carolina Medical Society
Mecklenberg County Medical Society

Honors and Awards:

1989	Charles A. Elsberg Fellowship in Neurological Surgery
------	---

Administrative Service:

2001	Program Coordinator for Texas Association of Neurological Surgeons
2001-2002	Board of Directors Texas Association of Neurological Surgeons
2005-2006	Invasive Procedures Peer Review Committee at Presbyterian Hospital

Teaching Service

10/92-3/93	Program Director of Residency Program , Division of Neurosurgery The University of Texas Medical Branch, Galveston, Texas
------------	---

William Warren Maggio

1997 – 2003 On site Program Director at University of Texas Medical Branch for resident rotations at Memorial Hermann Hospital, Houston, Texas

1997 - Director of Teaching Program for Physician's Assistants at University of Texas Health Science Center, Houston, Texas

Teaching Presentations:

1. **Maggio, W.W.** Concussion: Evaluation, Management, and Criteria for Return to Play. UTMB 12th Annual Conference on innovations in Sports Medicine, Galveston, Texas, July 8-9, 1994.
2. **Maggio, W.W.** Minor Head Trauma. Matagorda General Hospital, Bay City, Texas, September 9, 1994.
3. **Maggio, W.W.** Pediatric Cerebral Concussions. Bayshore Medical Center, Pasadena, Texas, November 4, 1994.
4. **Maggio, W.W.** Common Back Injuries and Problems. Community Outreach Presentation, Memorial Southeast Hospital. Houston, Texas, April 5, 1995.
5. **Maggio, W.W.** Cervical Spine Stenosis: Indications for Anterior, Posterior, or Combined Decompression. G.W.N. Lectureship, The University of Texas Medical Branch Orthopedic Alumni 13th Annual Meeting, Galveston, Texas, May 24-27, 1995.
6. **Maggio, W.W.** Cervical Spondylosis. Second Annual Orthopedic Spine Conference, Galveston, Texas, June 5-8, 1996.
7. **Maggio, W.W.** Head Trauma. Southeast Memorial Hospital, Houston, Texas July 31, 1996.
8. **Maggio, W.W.** Low Back Pain. Park Place Hospital, Port Arthur, Texas, August 9, 1996.
9. **Maggio, W.W.** Cervical Spine Fractures: Classification and Treatment. Basic Trauma Course, Galveston Texas, November 21, 1996.
10. **Maggio, W.W.** Cervical Spondylosis with Myelopathy. Neurology Grand Rounds, University of Texas Houston Medical Center, Houston, Texas, January, 2001.
11. **Maggio, W.W.** Cervical Spondylosis with Myelopathy. Lake Norman Medical Society Grand Rounds, Huntersville, North Carolina, March, 2004.

Peer Reviewed Journal Articles:

1. **Maggio, W.W.;** Barbella, Y.R.; Kell, L.C.; Seavers, W. B. Effect of CSF dilution on the blood pressure of rats with renal hypertension. *Pharmacology* 25:222-226;1982.

2. Park, T.S.; Cail, W.S.; **Maggio, W.W.**; Mitchell, D.C. Progressive spasticity and scoliosis in children with myelomeningocele: Radical investigation and treatment. *J. Neurosurg.* 62:367-375, 1985.
3. Colohan, A.R.T.; Jane, J.A.; Newman, S.A.; **Maggio, W.W.** Frontal Sinus approach to the orbit. Technical note. *J. Neurosurg.* 63:811-813, 1985.
4. **Maggio, W.W.**; Cail, W.S.; Brookman, J.R.; Persing, J.A., Jane, J.A. Rathke's cleft cyst: computed tomographic and magnetic resonance imaging appearances. *Neurosurg.* 21(1):60-62, July 1987.
5. Stirt, J.A.; **Maggio, W.W.**; Haworth, C.; Minton, M.D.; Bedford, R.F. Vecuronium: effect on intracranial pressure and hemodynamloe in the neurosurgical patient. *Anesthesiology* 67:570-57; 1987.
6. Roos, K.L.; Bryan, J.P.; **Maggio, W.W.**; Jane, J.A.; Scheld, W.M. Intracranial blastomycoma. *Medicine (Balt.)* 60:224-235; 1987.
7. Whitehil, R.; Cicorla, A.D.; Hooper, W.E.; **Maggio, W.W.**; Jane, J.A. Posterior cervical reconstruction with methyl methacrytate cement and wire: a clinical review. *J.Neurosurg.* 68:576-584, 1988.
8. Jung, R.; Free, K.; Shah, N.; Jacques, J.; **Maggio, W.W.**; Williams, A.; Marx, W.; Marshall, W.; Galicich, J.; Bedford, R. Cerebrospinal fluid pressure in anesthetized patients with brain tumors: Impact of fentanyl vs. alfentanil. *J. Neurosurg. Anesth.* 1(2):136-137, June 1989.
9. Delashaw, J.B.; Broaddus, W.C.; Kassell, N.F.; Haley, E.D.; Pendleton, G.A.; Vollmer, D.G.; **Maggio, W.W.**; Grady, M.S. Treatment of right hemispheric cerebral infarction by hemicraniectomy. *Stroke* 21 (6): 874-881, 1990.
10. Ahlgren-Beckendorf, J.A.; **Maggio, W.W.**; Chen, F.; Kent, T.A. Neurofibrinmatosis 1mRNA expression in blood vessels. *Biochem. Biophys. Res. Comm.* 197:1017-1024, 1993.
11. Rassekh, C.H.; Kinaella, J.B.; Calhoun, K.H.; **Maggio, W.W.**; Chaljub, G.; Gourley, W.K. Skull base allergic fungal sinusitis with abducens palsy in third trimester. *Skull Base Surgery* 6(4):253-258, 1996.
12. Haddjipavlou, A.G.; Arya, S.; Crow, W.N.; Lander, P.; **Maggio, W.W.**; Eyal, A. Percutaneous transpedicular biolpsy of the spine. *Journal of Vascular and Interventional Radiology* 11:103-108, 1996.
13. Nardone, E.M.; Chen, J.W.; **Maggio, W.W.**; Nauta, H.J.W. The value of Intaoperative Ultrasonography in cervical corpectomy; assessment by postoperative CT scan. *Neurosurg.* 39(5):971-975, November 1996.
14. Wolf, D.A.; Chaljub, G.; **Maggio, W.W.**; Gelman, B.B. Intracranial chondromyxoid fibroma. Report of a case and review of the literature. *Arch. Pathol. Lab. Med.* 121(6):626-630, June 1997.
15. Simos, P.G.; Breier, J.I.; **Maggio, W.W.**; Gormley, W.B.; Zouridakis, G.; Willmore, L.J.; Wheless, J.W.; Constantinou, J.E.C.; Papanicolaou, A.C.

- Atypical temporal lobe language representation: MEG and intraoperative stimulation mapping correlation. *Neuroreport* 10(1):139-142, January 18, 1999.
16. Papanicolaou, A.C.; Simos, P.G.; Breier, J.I.; Zouridakis, G.; Willmore, L.J.; Wheless, J.W.; Constantinou, J.E.C.; **Maggio, W.W.**; Gormley, W.B. Magnetoencephalographic mapping of language specific cortex. *J. Neurosurg.* 90(1):85-93, January 1999.
 17. Simos, P.G.; Papanicolaou, A.C.; Breier, J.I.; Wheless, J.W.; Constantinou, J.E.C.; Gormley, W.B.; **Maggio, W.W.** Localization of language-specific cortex by using magnetic source imaging and electrical stimulation mapping. *J. Neurosurg.* 91(5):787-796, November 1999.
 18. Breier, J.I.; Simos, P.G.; Zouridakis, G.; Wheless, J.W.; Willmore, L.J.; Constantinou, J.E.C.; **Maggio, W.W.**; Papanicolaou, A.C. Language dominance determined by magnetic source imaging; a comparison with the Wada procedure. *Neurology* 53(5):938-945, September 22, 1999.
 19. Simos, P.G.; Papanicolaou, A.C.; Breier, J.I.; Fletcher, J.M.; Wheless, J.W.; **Maggio, W.W.**; Gormley, W.; Constantinou, J.E.C.; Kramer, L. Insights into brain function and neural plasticity using magnetic source imaging. *J. Clin. Neurophysiol.* 17(2):143-162, March 2000.
 20. Simos, P.G.; Breier, J.I.; Wheless, J.W.; **Maggio, W.W.**; Fletcher, J.M.; Castillo, E.M.; Papanicolaou, A.C. Brain mechanisms for reading: the role of the superior temporal gyrus in word and pseudoword naming. *Neuroreport* 11(11):2443-2446, August 3, 2000.
 21. Gebhard, R.E.; Berry, J.; **Maggio, W.W.**; Gollas, A.; Chelly, J.E. The successful use of regional anesthesia to prevent involuntary movements in a patient undergoing awake craniotomy. *Anesth. Analg.* 91(5):1230-1231, November 2000.
 22. Simos, P.G.; Castillo, E.M.; Fletcher, J.M.; Francis, D.J.; Maestu, F.; Breier, J.I.; **Maggio, W.W.**; Papanicolaou, A.C. Mapping of receptive language cortex in bilingual volunteers by using magnetic source imaging. *J. Neurosurg.* 95(1):76-81, July 2001.
 23. Papanicolaou, A.C.; Simos, P.G.; Breier, J.I.; Wheless, J.W.; Mancias, P.; Bumgartner, J.E.; **Maggio, W.W.**; Gormley, W.B.; Constantinou, J.E.C.; Butler, I.I. Brain plasticity for sensory and linguistic functions: a functional imaging study using magnetoencephalography with children and young adults. *J. Child Neurol.* 16:241-252, April 2001.
 24. Ishibashi, H.; Simos, P.G.; Castillo, E.M.; **Maggio, W.W.**; Wheless, J.W.; Kim, H.L.; Venkataraman, V.; Sanders, D.K.; Breier, J.I.; Zhang, W.; Davis, R.N.; Papanicolaou, A.C. Detection and significance of focal, interictal slow-wave activity visualized by magnetoencephalography for localization of a primary epileptogenic region. *J. Neurosurg.* 96(4):724-730, April 2002.
 25. Simos, P.G.; Papanicolaou, A.C.; Castillo, E.M.; Breier, J.I.; Fletcher, J.M.; Wheless, J.W.; **Maggio, W.W.**; Constantinou, J.E.C. Insights into brain

- function through magnetic source imaging. A review of research and clinical applications. *Rev. Neurol.* 34(9):871-876, May 1-15, 2002.
26. Papanicolaou, A.C.; Simos, P.G.; Castillo, E.M.; Breier, J.I.; Sarkari, S.; Pataraiia, E.; Billingsley, R.L.; Wheless, J.W.; Maggio, V.; **Maggio, W.W.** Magnetoencephalography: a noninvasive alternative to the Wada procedure. *J. Neurosurg.* 100(5):867-876, May 2004.
 27. Pataraiia, E.; Simos, P.G.; Castillo, E.M.; Billingsley, R.L.; Sakari, S.; Wheless, J.W.; Maggio, V.; **Maggio, W.W.**; Baumgartner, J.E.; Swank, P.R.; Breier, J.I.; Papanicolaou, A.C. Does magnetoencephalography add to scalp video-EEG as a diagnostic tool in epilepsy surgery? *Neurology* 62(6):943-948, March 23, 2004.

Chapters:

1. **Maggio, W.W.** Chronic subdural hematoma in adults. *Brain Surgery: Complication Avoidance and Management.* Apuzo, M.L.J. (Ed.). New York: Churchill Livingstone; 1992, pp1299-1314.
2. **Maggio, W.W.** Rodent Glioma Models. *Paradigms of Neural Injury.* Perez-Polo, J.R.(Ed.), Academic Press: San Diego, 1996, pp81

Abstracts and Presentations:

1. Bryan, J.P.; **Maggio, W.W.**; Colohan, A.R.T.; Jane, J.A.; Scheld, W.M. Blastomycoma of the central nervous system. Abstract 1095, 24th Interscience Conference on Antimicrobial Agents and Chemotherapy, 1984.
2. **Maggio, W.W.**; Bedford, R.F.; Stirt, J.; Grosslight, K.; Park, T.S. Vecuronium: The safest neuromuscular blocker for neurological patients, American Associations of Neurological Surgeons Annual Meeting, Denver, Colorado, 1986.
3. Jung, R.; Free, K.; Shah, N.; Jacques, J.; **Maggio, W.W.**; Williams, A.; Marx, W.; Marshall, W.; Galicich, J.; Bedford, R. Cerebrospinal fluid pressure in anesthetized patients with brain tumors: impact of fentanyl vs. alfentanil. Society of Neurosurgical Anesthesia and Critical Care Annual Meeting, New Orleans, Louisiana, 1989.
4. Hadjilpavlou, A.; Simmons, W.L.; Crow, W. N.; Arya, S.; Al'Hamdan, F.; **Maggio, W.W.** Vertebral Biopsy Through Pedicular Approach. SICOT 96, Amsterdam, The Netherlands 1996.
5. Keherly, R.E.; **Maggio, W.W.**; Gelman, B.B.; Wolf, D.A. Northern analysis of proto-oncogene Expression in human gliomas. Society for Neuroscience Abstract 20 (2) 1995 pg. 947, Washington, D.C. November 18, 1996
6. Jensen, R.E., Hadjipavlou, A.G.; **Maggio, W.W.**; Nicodemus, C.; Foad, A.; Yang, J. Biochemical characteristics and pitfalls of axis lateral mass plate

- fixation of the cervical spine. 8th Annual Meeting of the European Spine Society, Kos, Zurich, September 11, 1997.
7. Jensen, R.E.; Hadjipavlou, A.G.; **Maggio, W.W.**; Nicodemus, C.; Foad, A.; Yang, J. biochemical characteristics and pitfalls of axis lateral mass plate fixation of the cervical spine. North American Spine Society, October 22-25, 1997.
 8. Alford, B.; **Maggio, W.W.**; Breier, J.; Simos, P.; Gormley, W.; Constantinou, J.; Wheless, J.; Zouridakis, G.; Papanicolaou, A. Magnetic Source Imaging Speech Mapping: Comparison with Direct Cortical Stimulation Speech Mapping. *Neurosurg. 45(3):696, September 1999*. Presented at the Congress of Neurological Surgeons, October, 1999.
 9. Wheless, J.W.; Venkataraman, V.; Baumgartner, J.; Thomas, A.B.; **Maggio, W.W.** Vagus Nerve Stimulation as Adjunctive Therapy in Lennox-Gastaut Syndrome. *Epilepsia 40(supplement 2):91, 1999*. Presented at the 23rd International Epilepsy Congress, September 14, 1999, Prague, Czechoslovakia.
 10. Ishibashi, H.; Simos, P.G.; Castillo, E.M.; **Maggio, W.W.**; Wheless, J.W.; Kim, H.L.; Venkataraman, V.; Sanders, D.K.; Breier, J.I.; Zhang, W.; Davis, R.N.; Papanicolaou, A.C. Detection and significance of focal interictal slow-wave activity for localization of the primary epileptogenic region using magnetoencephalography. *Epilepsia 42(supplement 7):272, 2001*. Presented at the 55th annual meeting of the American Epilepsy Society, Philadelphia, Pennsylvania, December 5, 2001.
 11. Ishibashi, H.; Simos, P.G.; Wheless, J.W.; Zhang, W.; Kim, H.L.; Baumgartner, J.E.; Castillo, E.M.; **Maggio, W.W.**; Maggio, V.; Papanicolaou, A.C. Magnetoencephalographic features associated with a cortical migration disorder. *Epilepsia 43(supplement 7):76, October 2002*. Presented at the 56th Annual Meeting of the American Epilepsy Society, Seattle, Washington, December 9, 2002.
 12. Zhang, W.; Simos, P.G.; Ishibashi, H.; Wheless, J.W.; Castillo, E.M.; **Maggio, W.W.**; Baumgartner, J.E.; Breier, J.I.; Papanicolaou, A.C. Magnetoencephalography assists in finding subtle cortical dysplasia. *Epilepsia 43(supplement 7):78, October 2002*. Presented at the 56th Annual Meeting of the American Epilepsy Society, Seattle, Washington, December 9, 2002.
 13. Papanicolaou, A.C.; Simos, P.G.; Castillo, E.M., Breier; J.I., Wheless, J.W.; Maggio, V.; Billingsley, R.; Sardari, S.; Patariaia, E.; Clear, T.; **Maggio, W.W.** MEG is comparable to the Wada procedure language laterality assessment. *Epilepsia 44(supplement 9):251-252, October 2003*. Presented at the 57th annual meeting of the American Epilepsy Society, Boston, Massachusetts, December 9, 2003.

Invited Presentations

1. **Maggio, W.W.**; Seavers, W.B. The effect of cerebroventricular CSF dilution on blood pressure in a renal hypertension mode. Neurosurgical Society of the Virginias Annual Meeting, Hot Springs, Virginia, 1983.
2. **Maggio, W.W.**; Colohan A.R.T.; Kassell, N.F. The effect of nicardipine HCL on early endothelial permeability changes in experimental subarachnoid hemorrhage. The Neurosurgical Society of the Virginias Annual Meeting, Hot Springs, Virginia, 1986.
3. **Maggio, W.W.**; Delashaw, J.B.; Kassell, N.F.; Hemicraniectomy in stroke. Neurosurgical Society of the Virginias Annual Meeting, White Sulpher Springs, West Virginia, 1988.
4. **Maggio, W.W.** Neurosurgery Update. Department of Surgery Grand Rounds, University of Texas Medical Branch, Galveston, Texas, November 3, 1993.
5. **Maggio, W.W.** Clinical aspects of glioma invasion. American Society for Neurochemistry 25th Annual Meeting, Albuquerque, New Mexico, March 5-9, 1994.
6. **Maggio, W.W.** Mixed oligodendroglioma astrocytoma tumors-the UTMB experience. Society of Neurological Surgeons, Charlottesville, Virginia, April 24-27, 1994.
7. Hadjipavlou, A.G.; Papadopoulos, C.; **Maggio, W. W.**; Katonis, P.; Nauta, H. Correlation of cervical spinal cord myelopathy to compressive cervical spine lesions and surgical outcomes. *J. Bone Joint Surg.(British) 83-B (supplement II):123-124, 2001.* Presented at the European Federation of National Associations of Orthopedicas and Traumatology, Rhodes, Greece, June 1-7, 2001.
8. Papanicolaou, A.C.; Simos, P.G.; Breier, J.I.; Castillo, E.M.; Davis, R.N.; Wheless, J.W.; Venkataraman, V.; Kim, H.L.; **Maggio, W.W.** Magnetoencephalography (MEG). A Method comparable to the Wada procedure for language assessment. *Epilepsia 42(suppement 7):75, 2001.* Presented at the 55th annual meeting of the American Epilepsy Society, Philadelphia, Pennsylvania, December 3, 2001.
9. **Maggio, W.W.** Temporal Lobectomy: Outcome and Complications. Texas Association of Neurological Surgeons annual meeting. San Antonio, Texas, April, 2002.
10. **Maggio, W.W.** Incorporating Magnetoencephalography into the operating room for Neurosurgery. Presented at the First International Magnetoencephalography Conference, Windham Warwick Hotel, Houston, Texas, March 2003.
11. **Maggio, W.W.** Temporal Lobectomy: Outcome and Complications. Leksell, Drake and Weaver Meeting. University of Virginia, Charlottesville, Virginia, September, 2004.