

**Qualls E. J. Stevens, D.O., M.B.A.**

Neurosurgical and Spine Associates of Oklahoma, P.C.

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BIRTHPLACE: Liberia, West Africa

CITIZENSHIP: American

**EDUCATION:**

1994-1995 A.A. Biological Sciences, Tarrant County College, Hurst, TX

1996-1998 B.S. Chemistry, Texas Christian University, Fort Worth, TX

1998-2002 M.B.A. New York Institute of Technology, Old Westbury, NY

1998-2002 D.O. New York College of Osteopathic Medicine, Old Westbury, NY

**CERTIFICATION/TITLES:**

COMLEX Level I – June 2000, Passed

COMLEX Level II – August 2001, Passed

COMLEX Level III – December 2002, Passed

Osteopathic Neurosurgical (Written) – Passed, April 2008

Osteopathic Neurosurgical (Oral) – Passed 2009

Board Certification – Neurological Surgery 2009

**LICENSURES:**

Illinois – (inactive training license)

Indiana – (inactive training license)

Kentucky – (inactive training license)

Michigan – (inactive training license)

Missouri – (active)

Oklahoma – (active)

**POSTGRADUATE TRAINING:**

1997 Intern, Medicinal Chemistry, Alcon Laboratories, Fort Worth, TX

1998 Research Assistant, UNT-Health Science Center, Department of Pharmacology, Fort Worth, TX

1999 Research Assistant, New York College of Osteopathic Medicine, Department of Neuroscience

2002 Neurosurgical Clerk, Johns Hopkins Hospital, Baltimore, MD

2002-2003 Internship, St. James Hospital, Olympia Fields, IL

2003-2004 Resident General Surgery/Neurosurgery, St. James Hospital,

Olympia Fields, IL  
2004-2008 Neurosurgery Resident, Bromenn Regional Medical Center, Normal, IL  
2006 Visiting Neurosurgery Resident, Childrens Hospital of Michigan, Detroit, MI  
2006-2007 Postdoctoral Fellow, Complex Spine Surgery, Spine Surgery, PSC, Louisville, KY  
2007-2008 Chief Resident, Neurosurgery, Bromenn Regional Medical Center, Normal, IL

### **CONTINUING MEDICAL EDUCATION:**

Practical Anatomy Workshop Series Transfacial Approaches to Skull Base  
Practical Anatomy Workshop Series Approaches to Aneurysms  
AO Advanced Spinal Techniques  
MERC Advanced techniques in spine arthroplasty  
Depuy Concepts in Complex Spine Reconstruction  
Medtronic – Minimal invasive spine techniques  
Nuvasive – Concepts in Minimally invasive techniques  
Medtronic Advanced Stealth neuronavigation applications for craniospinal surgery  
Practical Anatomy Workshop Series Approaches to Complex Cranial Lesions  
AO Advanced Trauma Workshop Series  
Advanced Training Lumbar Disc Arthroplasty, Prodisc-L  
Advanced Training Cervical Disc Arthroplasty, Prodisc-C  
Advanced Training Cervical Disc Arthroplasty, Prestige

### **HOSPITAL APPOINTMENTS**

Community Hospital, Oklahoma City, OK Active staff since 2010  
Deaconess Hospital, Oklahoma City, OK, Courtesy staff since 2008  
Midwest Regional Medical Center, Midwest City, OK, Inactive staff since 2013  
Integris Canadian Valley Hospital, Yukon, OK Inactive staff since 2014

### **HONORS:**

Tarrant County College Distinguished Student's Award, 1995  
Dean's List, Tarrant County College, 1996  
Ronald McNair Scholar, Texas Christian University, 1997  
SDS Scholar, New York College of Osteopathic Medicine, 1999  
Metropolitan Life Foundation Scholar, 2000  
Hattie M. Strong Foundation Scholar, 2001  
Depuy Resident Spine Scholar, 2006  
Synthes Resident Scholar, 2007  
American College of Spine Surgery Abstract Award, 2007  
Robert C. Irwin Literary Award, 2007  
Annual Clinical Assembly Outstanding Poster Award, 2007

Tarrant County College Alumni Award, 2009

**MEMBERSHIPS:**

American Chemical Society  
American Osteopathic Association  
Student National Medical Association  
Student Osteopathic Surgical Association  
New York State Osteopathic Medical Society  
Southern Medical Association  
Illinois Osteopathic Medical Society  
American College of Osteopathic Surgeons  
Illinois State Neurosurgical Society  
American Brain Tumor Association  
AO- North America  
Society for Neurooncology  
North American Spine Society  
National Association of Spine Specialists  
Oklahoma State Osteopathic Association

**RESEARCH INTERESTS:**

Novel delivery methodologies of superselective therapies for glioneuronal neoplasms  
Use of radiotherapeutic modalities and chemotherapy for cranial and spinal lesions  
Employment of radical surgical techniques for spinal tumors  
Spinal cord injury rehabilitation and novel neuronal restructuring applications

**PUBLICATIONS:**

1. **Stevens QEJ**: Comparison of the Production of Methyl-Farnesoate in the Mandibular Organs of the American Lobster, *Homarus americanus*, *The Ronald McNair Journal*, Fall 1998
2. Schmanke TD, **Stevens Q**, and Reilly T: Performance on Postoperative Motor Tasks is Influenced by Pemoline and Task Experience after Neocortical Injury in Prepubertal Rats. *Journal of Neurotrauma* 1999; 16 (10): 1008
3. **Stevens QEJ**, Dickerman RD: Surpassing the Upper Limits of Physiologic Concentric Left Ventricular Hypertrophy: Atrial Fibrillation in an Elite

Power Athlete, *International Journal of Cardiology* 2001; 81(2-3): 275-276

4. **Stevens QE**, Dickerman RD, McConathy WJ, Shaller F: Aortic and Mitral Valve Thickening with Concentric Left Ventricular Hypertrophy in an Elite Bodybuilder: A Biochemical and/or Physiologic Adaptation? *Cardiology* 2002; 98(3): 159-161
5. Dickerman RD, McConathy WJ, Pearl NA, **Stevens QE**: Pediatric Cranial Fixation: A Survey of Pediatric Neurosurgeons. *Journal of Craniofacial Surgery* 2002; 13(6): 769-771
6. Dickerman RD, **Stevens QE**, Cohen A, Jaikumar S: Radial Tunnel Syndrome in an Elite Power Athlete: A Case of Direct Compressive Neuropathy. *Journal of Peripheral Nervous System* 2002; 7(4): 229-232
7. Dickerman RD, **Stevens QE**, Schneider SJ: The Role of Surgical Placement and Pump Orientation in Intrathecal Pump System Failure: A Technical Report. *Pediatric Neurosurgery* 2003; 38(2): 107-109
8. Dickerman RD, **Stevens QE**, Rak R, Dorman SE, Holland SM and Nguyen TT: Isolated Intracranial Infection with Mycobacterium Avium Complex, *Journal of Neurosurgical Sciences* 2003; 47(2): 101-105
9. Dickerman RD, **Stevens QE**, East JW and Smith A: Umbilical and Bilateral Inguinal Hernias in a Veteran Powerlifter: Is it a Pressure-Overload Syndrome? *Clinical Journal of Sports Medicine* 2004; 14(2): 95-96
10. Dickerman RD, **Stevens QE**, Steide JA, Schneider SJ: Precocious Puberty Associated with a Pineal Cyst: Is it Disinhibition of the Hypothalamic-Pituitary Axis? *Neuro Endocrinology Letters* 2004; 25(3): 173-175
11. **Stevens QE**, Schneider SJ: Sudden Death Secondary to Fulminant Intracranial Aspergillosis in a Healthy Teenager After Posterior Fossa Surgery: The Role of Corticosteroids and Prophylactic Recommendations. *Journal of Neurosurgical Sciences* 2004; 48(2): 87-89
12. Schneider SJ, **Stevens QE**, Matarese NM, Decker RE: Prophylaxis to Avert Exacerbation/Relapse of Multiple Sclerosis in Patients Undergoing Surgery. Surgical Observations and Recommendations. *Journal of Neurosurgical Sciences* 2004; 48(3): 135-137
13. McConathy WJ, Morgan J, **Stevens QE**, Jolley JT, Schneider S, Mittler MA: Failure rate of frontal versus parietal approaches for proximal catheter placement in ventriculoperitoneal shunts: revisited. *Journal of Clinical Neuroscience* 2005; 12(7): 781-783

14. **Stevens QE**, Kattner KA, Chen YH, Rahman M: Intradural Extramedullary Mature Cystic Teratoma: Not Only a Childhood Disease. *Journal of Spinal Disorders and Techniques*, 2006; 19(3): 213-216
15. **Stevens QE**, Kattner KA, Stroink AR: Nonhemorrhagic Spinal Cord Contusion After Percutaneous Fiducials Placement: Case Report and Surgical Recommendations. *Journal of Spinal Cord Medicine*, 2006; 29(4): 425-429
16. **Stevens QE**, Seibly JM, Chen YH, Noel JA, Kattner KA: Reactivation of dormant lumbar methicillin-resistant staphylococcus aureus osteomyelitis after 12 years. *Journal of Clinical Neuroscience*, 2007; 14(6): 585-589
17. Dickerman RD, Reynolds AS, **Stevens QE**: Risk reduction with stereotactic brain biopsies: Keys to success. *Surgical Neurology*, 2007; 67(2): 216
18. **Stevens QE**, Lee JM, Nardone EM: Ganglioglioma occurring with glioblastoma multiforme: Separate lesions or the same lesion? *Clinical Neurology and Neurosurgery*, 2007; 109(2): 195-199
19. **Stevens QE**, Colen CB, Ham SD, Kattner KA, Sood S: Delayed lateral rectus palsy after pineal region surgery in the sitting position: Direct or indirect compressive phenomenon. *Journal of Child Neurology*, 2007; 22(12): 1411-1414
20. Dickerman RD, Reynolds AS, **Stevens QE**, Zigler J: Cervical pedicle screws vs lateral mass screws: Uniplanar fatigue analysis and residual pullout strengths. *Spine J*, 2007; 7(3): 384
21. **Stevens QE**, Majd ME, Kattner KA, Jones CL, Holt RT: Use of spinous processes to determine the optimal placement of lateral mass screws: Technical note. *Journal of Spinal Disorders*, 2009; 22(5): 347-52
22. Douglas JA, Dickerman RD, and **Stevens QE**: Bilateral Quadriceps Tendon Rupture with Associated Patella Avulsion Fractures: A Case report and Review of the Literature. *Journal of Knee Surgery*, Submitted
23. **Stevens QE**, Dick HJ, Kattner KA, Stroink AR: An unusual case of cervical dystonia following anterior cervical fusion in a patient with multiple sclerosis. *Journal of Spinal Disorders*, Submitted
24. **Stevens QE**, Benyamin R, Kattner KA, Nardone EM: Dorsal column neurostimulation: Yet another application for neuropathic pain secondary

to electrical burn injury. *Journal of American Osteopathic Association*, Submitted

25. Seibly JM, Nardone EM, **Stevens QE**: Metachronous abscesses caused by community-acquired methicillin-resistant staphylococcus aureus in an immunocompetent host. *Journal of Spinal Disorders and Techniques*, Submitted
26. **Stevens QE**, Greenwell MJ, Kattner KA, Holt RT: An unusual case of extension distraction injury of the thoracic spine: Surgical recommendations and literature review. *Clinical Neurology and Neurosurgery*, Submitted
27. Dickerman RD, Reynolds AS, **Stevens QE**, Morgan BC: Intractable stuttering secondary to hydrocephalus. *Surgical Neurology*, Submitted
28. **Stevens QE**, Stroink AR, Kattner KA, Nardone EM, Stacy DM: Radiosurgical treatment for lesions of the spinal column using the Cyberknife<sup>®</sup> system. *In preparation*
29. **Stevens QE**, Holt RT, Majd ME: Eggshell corpectomy for circumferential treatment of lesions of the thoracolumbar spine. *In preparation*

#### **ABSTRACTS/POSTERS:**

1. Complication following gold seeds fiducials placement. 5<sup>th</sup> Annual Cyberknife<sup>®</sup> Meeting, Carlsbad, CA. January 2006
2. Stereotactic radiosurgery for benign and metastatic lesions of the spinal column, CNS Annual Meeting, Chicago, IL, 2006
3. Lateral mass screws placement: An alternate technique. American College of Spine Surgery, Nashville, TN, 2007
4. Alternate technique for posterior cervical spine instrumentation. CNS Annual Meeting, San Diego, CA, 2007
5. One-stage decompression of thoracolumbar lesions. American College of Osteopathic Surgeons Annual Meeting, San Francisco, CA, 2007

**PRESENTATIONS:**

1. Neurosurgical intensive care. St. James Hospital, Olympia Fields, IL. November 2003
2. Cranial nerve abnormalities. Midwestern University College of Osteopathic Medicine, Downers Grove, IL. April 2004
3. Suprasellar masses. MacLean County Association of Medical Imaging. Bloomington, IL. March 2006
4. Pediatric spinal injuries. Annual Meeting, American College of Spine Surgery, 2007
5. Transpedicular eggshell corpectomy for thoracolumbar lesions. Annual Meeting, American College of Osteopathic Surgeons, 2007

**PROFESSIONAL REFERENCES:**

1. Ann R. Stroink, M.D., Attending Neurosurgeon  
Central Illinois Neuroscience Foundation, Bloomington, Illinois  
(309) 662-7999
2. Richard T. Holt, M.D., Attending Orthopedic Spine Surgeon  
Spine Surgery, PSC, Louisville, Kentucky  
(501) 585-2300
3. Rob D. Dickerman, D.O., Ph.D., Associate Professor of Neurosurgery  
University of North Texas Health Science Center, Fort Worth, Texas  
(972) 238-0512