

# **Andrea F. Douglas, M.D.**

**Connecticut Spine Institute  
Greenwich Neurosurgery  
25 Valley Drive  
Greenwich, CT 06831  
203-661-3333**

## **Education:**

1996-2000                    **Columbia College of Physicians and Surgeons**  
Office of the Registrar  
630 West 168 Street  
New York, NY 10032

1992-1996                    **Harvard-Radcliffe College**  
Office of the Registrar  
Faculty of Arts and Sciences  
20 Garden Street  
Cambridge, MA 02138

## **Postgraduate Training:**

6/26/01 to 6/30/06            **Residency in Neurosurgery**  
Department of Neurosurgery  
New York University/Bellevue Hospital Medical  
Centers  
New York, NY 10016  
Chairman, Neurosurgery: Patrick J. Kelly, M.D.

7/1/03 to 12/31/03            **Clinical Fellowship in Spine Surgery**  
Department of Neurosurgery  
New York University/Bellevue Hospital Medical  
Centers  
New York, NY 10016  
Directors: Paul R. Cooper, M.D. and Anthony Frempong-Boadu,  
M.D.

6/26/00 to 6/25/01            **Internship in General Surgery**  
Department of Surgery  
New York University/Bellevue Hospital Medical  
Centers  
New York, NY 10016  
Interim Chairman, Surgery: Leonard Pachter, M.D.

**Professional Experience:**

- 6/11/09 to present      Partner, Connecticut Spine Institute  
Director of Spine Education and Research  
Wallace Clinical Trials Center, Greenwich Hospital  
Greenwich CT  
Staff Neurosurgeon, Stamford Hospital, Stamford, CT
- 3/15/10 to present      Clinical Assistant Professor of Neurosurgery  
Department of Neurosurgery  
NYU Langone Medical Center  
New York, NY
- 7/15/06 to 6/11/09      Assistant Professor of Neurosurgery  
Georgetown University Hospital  
Department of Neurosurgery  
Washington, DC
- 6/26/00 to 6/30/06      Teaching Assistant  
Departments of Neurosurgery and Surgery  
New York University/Bellevue Hospital Medical  
Centers  
New York, NY
- 9/1/97 to 3/1/98      Gross Anatomy Instructor  
Student Success Network  
Columbia College of Physicians and Surgeons  
New York, NY
- 6/1/97 to 8/15/97      Research Assistant  
Policy Action Committee  
World Health Organization  
Geneva, Switzerland
- 2/1/95 to 4/30/96      Research Assistant and Senior Honors Thesis in Biochemical  
Sciences  
Laboratory of Michael M. Segal, M.D., Ph.D.  
Department of Neurology  
Children's Hospital of Boston  
Harvard Medical School  
Boston, MA
- 6/1/94 to 8/15/94      Research Assistant  
Laboratory of Leslie Stevens, Ph.D.  
Department of Developmental and Molecular Biology  
Albert Einstein College of Medicine  
Bronx, NY
- 6/1/93 to 8/15/93      Research Assistant  
Health Research Training Program  
Department of Epidemiology  
Albert Einstein College of Medicine  
Bronx, NY

**Medical Licensure:**

Connecticut State Medical License  
District of Columbia Medical License  
State of Maryland Medical License  
New York State Medical License

**Board Certification:**

Diplomate, American Board of Neurological Surgeons

**Awards:**

Lucinda Watson Spine Research Grant, September 2009  
Brainlab Resident Award, Munich, Germany 2006  
John F. Bohmfalk Scholarship, Columbia College of Physicians and Surgeons 1996-2000  
Michelson Foundation Scholarship, Columbia College of Physicians and Surgeons, 1999-2000  
Robert D. Lilley Memorial Scholarship, Columbia College of Physicians and Surgeons 1999-2000  
Gladys Brooks Foundation Scholarship, Columbia College of Physicians and Surgeons 1999-2000  
Malcolm X Scholarship, Columbia College of Physicians and Surgeons 1998-1999  
*A.B. Cum laude* in the Biochemical Sciences, Harvard-Radcliffe College 1996  
Dean's Summer Research Award, Harvard-Radcliffe College 1995  
Ford Grant for Undergraduate Research, Harvard-Radcliffe College 1994-1995  
Elizabeth Cary Agassiz Merit Award, Harvard-Radcliffe College 1993-1996  
National Science Foundations Incentives for Excellence Scholarship, Harvard-Radcliffe College 1993  
Harvard College Scholarship, Harvard-Radcliffe College 1992-1996  
National Achievement Scholar, 1992

**Original Publications:**

Rushing EJ, Smith AB, Smirniotopoulos JG, **Douglas AF**, Zeng W, Azumi N. Occult Leptomeningeal Large Cell Medulloblastoma in an adult. *Clinical Neuropathology* 8, 2009 (in print).

**Douglas AF**, Cooper PR. Cervical Corpectomy and Strut Grafting. *Neurosurgery Supplement: Diagnosis and Treatment of Cervical Spondylosis S: 137-142*, January 2007.

Lui YW, Law M, Jafar JJ, **Douglas AF**, Nelson PK. Perfusion and Diffusion Tensor Imaging in a Patient with Locked-In Syndrome after Neurosurgical Vascular Bypass and Endovascular Embolization of a Basilar Artery Aneurysm: A Case Report. *Neurosurgery* 58(4):E794; discussion E794, Apr 2006.

**Douglas AF**, Weiner HL, Schwartz DR. Prolonged intrathecal baclofen withdrawal syndrome. Case report and discussion of current therapeutic management. *Journal of Neurosurgery* 102: 1133-1136, 2005.

Segal MM, **Douglas AF**. Late sodium channel openings underlying epileptiform activity are preferentially diminished by the anticonvulsant Phenytoin. *Journal of Neurophysiology* 77(6):3021-34, 1997.

Segal MM, Zurakowski D, **Douglas AF**. Late sodium channel openings underlie ictal epileptiform activity, and are preferentially diminished by the anticonvulsant Phenytoin. *Society for Neurosciences Abstracts* 20:777, 1995.

**Douglas AF**. The Effects of the Anticonvulsant Lamotrigine on the sodium channel activity of rat hippocampal neurons in microculture. Presented to Board of Tutors of Department of Biochemistry and Molecular and Cellular Biology, Senior honors Thesis, April 1996.

### **Book Chapters:**

**Douglas AF** and Cooper PR. Spinal Column Metastases from Breast Cancer, in Roses (ed.): *Breast Cancer*. Elsevier Inc, New York, 2005.

**Douglas AF**, Frempong-Boadu AK. Cervical Laminectomy and Fusion, in Wolfla and Resnick (eds.): *Neurosurgical Operative Atlas*, 2<sup>nd</sup> Edition: Spine and Peripheral Nerve. Thieme, New York, 2006.

### **Oral Presentations:**

**Douglas AF**, Frempong-Boadu AK. Uniform Approach to Instrumented Cervicothoracic Spinal Fusion, A Case Series. World Spine Society, 2005.

Surgical Stabilization and Fusion Options for Treatment of Cervicothoracic Spinal Instability. Grand Rounds Presentation, Georgetown University Hospital, December 2005.

Cervical Spondylosis: Pathophysiology, Diagnosis, and Treatment. Grand Rounds Presentation, Southern Maryland Hospital. April, 2007.

Vertebral Compression Fractures: Pathophysiology, Diagnosis, and Treatment Guidelines. Grand Rounds Presentation, Southern Maryland Hospital, August 2007.

Cervical Radiculopathy: Anterior vs Posterior. CNS Annual Meeting, Lunch Seminar, September 2008.

### **Organizational Memberships:**

**American Association of Neurological Surgeons**

International Outreach Committee      Elected Member 03/09 to 03/12

**Congress of Neurosurgeons**

**AANS-CNS Joint Section on Spine and Peripheral Nerves**