

Andrea F. Douglas, M.D.

**Connecticut Spine Institute
Greenwich Neurosurgery
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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 K. 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:

- 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 -- Issued 6/2009
District of Columbia Medical License – Issued 3/2006
State of Maryland Medical License – Issued 3/2006
New York State Medical License – Issued 10/2001

Certification Examinations:

- American Board of Neurological Surgery Primary Examination – March 2004
United States Medical Licensing Examination – Step I – June 1998
United States Medical Licensing Examination – Step II – November 1999
United States Medical Licensing Examination – Step III – March 2001

Awards:

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*, 2nd 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