

**CHRISTOPHER J. WINFREE, M.D.**

**PERSONAL**

***Date of Birth:*** April 17, 1969

***Birthplace:*** West Palm Beach, FL

***Address:*** 103 West 117<sup>th</sup> Street, PH  
New York, NY 10026

***Telephone:*** (917) 312-5556 (Mobile)  
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***Interests:*** Cave diving, ice climbing, precision shooting

***Date of Preparation:*** November 13, 2008

**EDUCATION**

***Oregon Health and Science University, Portland, OR***  
Fellowship, Functional and Stereotactic Neurosurgery, Kim J. Burchiel, M.D., 2004.

***Louisiana State University Health Sciences Center, New Orleans, LA***  
Fellowship, Peripheral Nerve Surgery, David G. Kline, M.D., 2003.

***The Neurological Institute of New York, New York, NY***  
Residency, Neurological Surgery, 1997 - 2003.

***Columbia-Presbyterian Medical Center, New York, NY***  
Internship, General Surgery, 1996 - 1997.

***Columbia University College of Physicians and Surgeons, New York, NY***  
Doctor of Medicine, 1991 - 1996.

***Dartmouth College, Hanover, NH***  
Bachelor of Arts, High Honors, Chemistry, 1987 - 1991.

***The Benjamin School, North Palm Beach, FL***  
High School, 1983 - 1987.

**BOARD CERTIFICATION**

***American Board of Neurological Surgery***

**CHRISTOPHER J. WINFREE, M.D.**

Diplomate, 2007.

***National Board of Medical Examiners***

Diplomate, 1998.

**LICENSURE**

<b><i>State of New Jersey:</i></b> #25MA07798600	2004 – Present
<b><i>State of Oregon:</i></b> #24897	2004
<b><i>State of Louisiana:</i></b>	2003
<b><i>State of New York:</i></b> #219431	2000 – Present
<b><i>National Provider Identifier:</i></b>	1013064948

**PROFESSIONAL ORGANIZATIONS**

***American Board of Neurological Surgery***

Subspecialty Item Writing Committee, 2008 – Present.  
Faculty, Goodman Board Review Course, 2008 – Present.  
Diplomate, 2007 – Present.

***Washington Committee for Neurosurgery***

Joint Section on Pain Liaison, 2007 – Present.  
Joint Guidelines Committee Liaison, 2006 – Present.

***Trigeminal Neuralgia Association***

Member, 2007 – Present.

***AANS / CNS Joint Section on Pain***

Executive Council Officer, 2006 – Present.  
Member, 2004 – Present.

***Northern Valley Rehabilitation Society***

Member, 2006 – Present.

***American Academy of Pain Medicine***

Member, 2005 – Present.

***American Association of Neurological Surgeons***

Member, 2000 – Present.

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***Congress of Neurological Surgeons***

Member, 2000 – Present.

**ACADEMIC APPOINTMENTS**

***Columbia University College of Physicians & Surgeons***

Director, Center for Chronic Pelvic Pain, 2006 - Present.

Director, Center for Peripheral Nerve Surgery, 2005 - Present.

Assistant Professor of Neurological Surgery, 2004 - Present.

***Oregon Health and Science University School of Medicine***

Instructor in Neurological Surgery, 2004.

**HOSPITAL APPOINTMENTS**

***St. Joseph's Regional Medical Center***

Attending in Neurological Surgery, 10/01/2007 - Present.

***Monmouth Medical Center***

Attending in Neurological Surgery, 09/08/2006 - Present.

***The Valley Hospital***

Attending in Neurological Surgery, 10/28/2004 - Present.

***Columbia University Medical Center***

Assistant Attending in Neurological Surgery, 07/01/2004 - Present.

***Oregon Health and Science University Medical Center***

Attending Physician, 2004.

***State of Oregon Veterans Administration***

Attending Physician, 2004.

**HONORS AND AWARDS**

New York's Top Doctors, New York Resident Magazine, 2007.

Dean's Day Prize for Best Student Research, 1995.

Chandler T. White 1916 Research Prize for Outstanding Senior Honors Thesis, 1991.

Sigma XI Christopher G. Reed Prize for Excellence in Student Research, 1991.

Rollins College Centennial Award for Excellence, 1987.

United Technologies Scholarship, 1987.

Bausch and Lomb Honorary Science Award, 1987.

National Merit Commended Scholar, 1986.

## **CHRISTOPHER J. WINFREE, M.D.**

### **ACTIVE GRANT SUPPORT**

### **PREVIOUS GRANT SUPPORT**

National Institutes of Health, Institutional Research Service Award, 2007, \$3000.  
Kline Award, AANS / CNS Joint Section on Disorders of the Spine and Peripheral Nerves, 2006, \$15,000.  
National Institutes of Health, Institutional Research Service Award, 1995, \$3000.  
American Heart Association, Student Scholarship in Cerebrovascular Disease, 1995, \$2000.  
New York Academy of Medicine Glorney-Raisbeck Medical Student Grant, 1995, \$2500.  
National Institutes of Health, Dean's Summer Research Fellowship, 1992, \$2500.

### **UNIVERSITY COMMITTEES**

Supervisor, Clinical Practice I Clerkship, 2005 - Present.  
Medical Student Instructor, Clinical Clerkship III in Neurological Surgery, 2004 - Present.

### **HOSPITAL COMMITTEES**

Faculty Council, 2008 - Present.  
Faculty Practice Organization Service Council, 2005 - Present.

### **MENTORED FELLOWS / RESIDENTS / STUDENTS (FULL YEAR)**

Raqeeb Haque, Resident in Neurological Surgery, 2006 - 2007.

### **MENTORED MEDICAL STUDENTS (SUMMER RESEARCH FELLOWSHIP)**

Deepa Danan, College of Physicians & Surgeons, 2007.

### **MENTORED MEDICAL STUDENTS (SEMESTER)**

Derek Biederman, College of Physicians & Surgeons, 2008.  
Gregory Stein, College of Physicians & Surgeons, 2008.  
Tiffany Young, College of Physicians & Surgeons, 2007.  
Melanie Hood, College of Physicians & Surgeons, 2007.  
Deepa Danan, College of Physicians & Surgeons, 2006.  
Andrew Hoene, College of Physicians & Surgeons, 2006.  
Isaac Chan, College of Physicians & Surgeons, 2005.

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### WEBSITES

Editor, **Congress of Neurological Surgeons NeuroWIKI**, Pain, Peripheral Nerve, 2008-Present.  
<http://wiki.cns.org/>

Director, **Columbia University Center for Chronic Pelvic Pain**, 2006-Present.  
<http://columbiapelvicpain.org/>

Director, **Columbia University Center for Peripheral Nerve Surgery**, 2005-Present.  
<http://columbiaperipheralnerve.org/>

### COURSES

Moderator, **Treatment of Complex Regional Pain Syndrome and Hyperhydrosis**. American Association of Neurological Surgeons, Annual Meeting 2008.

Faculty, **Hands-On Peripheral Nerve of the Upper Extremities**. American Association of Neurological Surgeons, Annual Meeting 2008.

### BOOKS

Guest Editor, Spinner R, Winfree CW (Eds.), **Neurosurgery Clinics of North America. What's New in Peripheral Nerve Surgery**. Saunders Inc., Philadelphia, 2008.

Assistant Editor, Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002.

### PUBLICATIONS

Haque R, Winfree CJ. Transforaminal nerve root stimulation: a technical report. In press.

Winfree CJ, Mack WJ, Hoh D, King R, Ducret AF, D'Ambrosio AL, Sughrue ME, McKinnell J, Connolly ES. Laser Doppler flowmetry in non-human primate stroke studies: model refinement for pre-clinical development of cerebroprotective strategies. **Acta Neurochir (Wien)** 2003;145:1105-10.

Sahlein DH, Heyer EJ, Rampersad A, Winfree CJ, Solomon RA, Benvenisty AI, Quest DO, Du E, Connolly ES. Failure of intraoperative jugular bulb S-100B and neuron-specific enolase sampling to predict cognitive injury after carotid endarterectomy. **Neurosurgery** 2003;53:1243-9.

Mack WJ, Huang J, Winfree C, Kim G, Oppermann M, Dobak J, Inderbitzen B, Yon S, Popilskis S, Lasheras J, Sciacca RR, Pinsky DJ, Connolly ES. Ultra-rapid, convection-enhanced intravascular hypothermia: a feasibility study in nonhuman primate stroke. **Stroke** 2003;34:1994-9.

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Mack WJ, King RG, Hoh DJ, Coon AL, Ducruet AF, Huang J, Mocco JD, Winfree CJ, D'Ambrosio AL, Nair MN, Sciacca RR, Connolly ES. An improved functional neurological examination for use in non-human primate studies of focal reperfused cerebral ischemia. **Neurol Res** 2003;25:280-4.

D'Ambrosio AL, Hoh DJ, Mack WJ, Winfree CJ, Nair N, Ducruet A, Sciacca RR, Huang J, Pinsky DJ, Connolly ES. Interhemispheric intracranial pressure gradients in nonhuman primate stroke. **Surg Neurol** 2002;58:295-301.

Heyer EJ, Sharma R, Rampersad A, Winfree CJ, Mack WJ, Solomon RA, Todd GJ, McCormick PC, McMurtry JG, Quest DO, Stern Y, Lazar RM, Connolly ES. A controlled prospective study of neuropsychological dysfunction following carotid endarterectomy. **Arch Neurol** 2002;59:217-22.

Connolly ES Winfree CJ, Rampersad A, Sharma R, Mack WJ, Mocco J, Solomon RA, Todd GJ, Quest DO, Stern Y, Heyer EJ. Serum S100B protein levels are correlated with subclinical neurocognitive declines after carotid endarterectomy. **Neurosurgery** 2001;49(5):1076-83.

Huang J, Agus DB, Winfree CJ, Kiss S, Mack WJ, McTaggart RA, Choudhri TF, Kim LJ, Mocco J, Pinsky DJ, Fox WD, Israel RJ, Boyd TA, Golde DW, Connolly ES Jr. Dehydroascorbic acid, a blood-brain barrier transportable form of vitamin C, mediates potent cerebroprotection in experimental stroke. **Proc Nat Acad Sci** 2001;98(20):11720-4.

Huang J, Choudhri TF, Winfree CJ, McTaggart RA, Kiss S, Mocco J, Kim LJ, Protosaltis TS, Zhang Y, Pinsky DJ, Connolly ES. Postischemic cerebrovascular E-selectin expression mediates tissue injury in murine stroke. **Stroke** 2000;31(12):3047-53.

Heyer EJ, Sharma R, Winfree CJ, Mocco J, McMahon DJ, McCormick PC, Quest DO, McMurtry JG, Riedel CJ, Lazar RM, Stern Y, Connolly ES. Severe pain confounds neuropsychological test performance. **J Clin Exp Neuropsych** 2000;22(5):633-9.

Heyer EJ, Winfree CJ, Mack WJ, Connolly ES. Transcranial Doppler monitoring during carotid endarterectomy: a technical case report. **J Neurosurg Anesthesiol** 2000;12(3):233-9.

Choudhri TF, Baker KZ, Winfree CJ, Hoh BL, Simon AE, Solomon RA, Berman MF, Connolly ES. The use of intraoperative mild hypothermia is not associated with increased hospital stay or craniotomy wound infection. **Surg Forum** 1997;48:548-51.

Connolly ES, Kader AA, Frazzini VI, Winfree CJ, Solomon RA. The safety of intraoperative lumbar subarachnoid drainage for acutely ruptured intracranial aneurysm: technical note. **Surg Neurol** 1997;48(4):338-42.

Kim SC, Singh M, Huang J, Prestigiacomo CJ, Winfree CJ, Solomon RA, Connolly ES. Matrix metalloproteinase-9 in cerebral aneurysms. **Neurosurgery** 1997;41(3):642-6.

Connolly ES, Winfree CJ, Prestigiacomo CJ, Kim SC, Choudhri TF, Hoh BL, Naka Y, Solomon RA, Pinsky DJ. Exacerbation of cerebral injury in mice that express the P-selectin gene: identification of P-selectin blockade as a new target for the treatment of stroke. **Circ Res**

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1997;81(3):304-10.

Connolly ES, Fiore AJ, Winfree CJ, Prestigiacomo CJ, Goldman JE, Solomon RA. Elastin degradation in the superficial temporal arteries of patients with intracranial aneurysms reflects changes in plasma elastase. **Neurosurgery** 1997;40(5):903-8.

Connolly ES, Winfree CJ, Carmel PW. Giant posterior fossa cystic craniopharyngiomas presenting with hearing loss: report of three cases and review of the literature. **Surg Neurol** 1997;47(3):291-9.

Connolly ES, Winfree CJ, McCormick R, Cruz M, Stein BM. Intramedullary spinal cord metastasis: report of three cases and review of the literature. **Surg Neurol** 1996;46(4):329-37.

Winfree CJ, Baker KZ, Connolly ES. Perioperative normothermia and surgical-wound infection. **N Engl J Med** 1996;335(10):749.

Winfree CJ, Baker CJ, Connolly ES, Fiore AJ, Solomon RA. Mild hypothermia reduces penumbral glutamate levels in the rat permanent focal cerebral ischemia model. **Neurosurgery** 1996;38(6):1216-22.

Connolly ES, Winfree CJ, Stern D, Solomon RA, Pinsky DJ. Procedural and strain-related variables significantly affect outcome in a murine model of focal cerebral ischemia. **Neurosurgery** 1996;38(3):523-32.

Connolly ES, Winfree CJ, Springer TA, Naka Y, Liao H, Yan SD, Stern DM, Solomon RA, Gutierrez-Ramos J-C, Pinsky DJ. Cerebral protection in homozygous null ICAM-1 mice after middle cerebral artery occlusion: role of neutrophil adhesion in the pathogenesis of stroke. **J Clin Invest** 1996;97(1):209-16.

Frazzini VI, Winfree CJ, Choudhri HF, Prestigiacomo CJ, Solomon RA. Mild hypothermia and MK-801 have similar but not additive degrees of cerebroprotection in the rat permanent focal ischemia model. **Neurosurgery** 1994;34(6):1040-5.

Winfree CJ, Coombs DW, DeLeo JA, Colburn RW. Analgesic effects of intrathecally-administered 3 $\alpha$ -hydroxy-5 $\alpha$ -pregnan-20-one in a rat mechanical visceral pain model. **Life Sci** 1992;50(14):1007-12.

Winfree CJ. Conformationally-restricted bis(9-aminoacridine)s as novel antitumor agents: synthesis, cytotoxicity, and fluorescence spectroscopy. **Senior Honors Thesis**. Dartmouth College. 1991.

## REVIEW ARTICLES

Moise G, Winfree CJ. Trigeminal neuralgia. **Brit Med J** 2008. In press.

Moise G, Capodice JL, Winfree CJ. The treatment of chronic pelvic pain in men and women. **Expert Rev Neurotherapeutics** 2007;7(5):507-20.

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Haque R, Winfree CJ. Spinal nerve root stimulation. **Neurosurg Focus** 2006;21(6):1-7.

Winfree CJ. Spinal cord stimulation for the relief of chronic pain. **Curr Surg** 2005;62:476-81.

Winfree CJ. Peripheral nerve injury evaluation and management. **Curr Surg** 2005;62:469-76.

Winfree CJ. Iatrogenic peripheral nerve injuries. **Curr Surg** 2005;62:283-8.

Winfree CJ, Kline DG. Intraoperative positioning nerve injuries. **Surg Neurol** 2005;63:5-18.

### CASE REPORTS

Saroyan JM, Winfree CJ, Schechter WS, Roye D, Gold AP. Sciatic neuropathy after lower-extremity trauma. Successful treatment of an uncommon pain and disability syndrome in an adolescent. **Am J Phys Med Rehabil** 2007;86:597-600.

Mocco J, Laufer I, Mack WJ, Winfree CJ, Libien J, Connolly ES Jr. An extramedullary foramen magnum cavernous malformation presenting with acute subarachnoid hemorrhage: case report and literature review. **Neurosurgery** 2005;56:E410.

Winfree CJ, Mack WJ, Sisti MS. Solitary cerebellar metastasis of malignant pleural mesothelioma: case report. **Surg Neurol** 2004;61:174-8.

Connolly ES, Winfree CJ, McCormick PC. Management of spinal epidural hematoma after tissue plasminogen activator. A case report. **Spine** 1996;21(14):1694-8.

### BOOK CHAPTERS

Moise G, Winfree CJ. Mini-open carpal tunnel release for the treatment of median nerve entrapment at the wrist. In: Nader R, Sabbagh A (Eds.), **Cases in Neurosurgery: Key Concepts and Pitfalls in Management**. Thieme Medical Publishers Inc., New York, In press.

Danan D, Winfree CJ. Motor cortex stimulation for the treatment of central post-stroke pain. In: Nader R, Sabbagh A (Eds.), **Cases in Neurosurgery: Key Concepts and Pitfalls in Management**. Thieme Medical Publishers Inc., New York, In press.

Kellner CP, Winfree CJ. Spinal cord stimulation for the treatment of complex regional pain syndrome. In: Nader R, Sabbagh A (Eds.), **Cases in Neurosurgery: Key Concepts and Pitfalls in Management**. Thieme Medical Publishers Inc., New York, In press.

Chan I, Winfree CJ. Spinal nerve root stimulation for the treatment of truncal postherpetic neuralgia. In: Nader R, Sabbagh A (Eds.), **Cases in Neurosurgery: Key Concepts and Pitfalls in Management**. Thieme Medical Publishers Inc., New York, In press.

Hood MN, Winfree CJ. Trigeminal branch stimulation for the treatment of trigeminal neuropathic pain. In: Nader R, Sabbagh A (Eds.), **Cases in Neurosurgery: Key Concepts and Pitfalls in**

**CHRISTOPHER J. WINFREE, M.D.**

**Management.** Thieme Medical Publishers Inc., New York, In press.

Danan D, Winfree CJ. Diagnosis and treatment of a right axillary mass with Tinel sign. In: Nader R, Sabbagh A (Eds.), **Cases in Neurosurgery: Key Concepts and Pitfalls in Management**. Thieme Medical Publishers Inc., New York, In press.

Winfree CJ. Implantable pumps. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery, 2<sup>nd</sup> Ed.** Thieme Medical Publishers Inc., New York, In press.

Winfree CJ. Mini-open carpal tunnel release. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery, 2<sup>nd</sup> Ed.** Thieme Medical Publishers Inc., New York, In press.

Winfree CJ. Muscle and nerve biopsy. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery, 2<sup>nd</sup> Ed.** Thieme Medical Publishers Inc., New York, In press.

Winfree CJ. Ulnar nerve decompression. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery, 2<sup>nd</sup> Ed.** Thieme Medical Publishers Inc., New York, In press.

Winfree CJ. Ulnar nerve submuscular transposition. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery, 2<sup>nd</sup> Ed.** Thieme Medical Publishers Inc., New York, In press.

Haque R, Winfree CJ. Complex regional pain syndrome. In: Midha R, Zager EL (Eds.), **Surgery of Peripheral Nerves: A Case-Based Approach**. Thieme Medical Publishers Inc., New York, 2008.

Winfree CJ. Chronic low back pain, definitions and diagnosis. **Encyclopedia of Pain**. Springer-Verlag, Heidelberg, Germany. 2007, pp 365-8.

Ogden AT, Winfree CJ. Facet joint pain. **Encyclopedia of Pain**. Springer-Verlag, Heidelberg, Germany. 2007, pp 765-8.

Mocco J, Komotar RJ, Winfree CJ. Low back pain, epidemiology. **Encyclopedia of Pain**. Springer-Verlag, Heidelberg, Germany. 2007, pp 1061-3.

Senatus PB, Winfree CJ. Lower back pain, physical examination. **Encyclopedia of Pain**. Springer-Verlag, Heidelberg, Germany. 2007, pp 1068-70.

Komotar RJ, Mocco J, Winfree CJ. Sacroiliac joint pain. **Encyclopedia of Pain**. Springer-Verlag, Heidelberg, Germany. 2007, pp 2136-7.

Winfree CJ. Reoperative craniotomy. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002, pp 286-9.

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Winfree CJ. Skull defects: cranioplasty. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002, pp 642-4.

Winfree CJ. Spinal-cord stimulator. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002, pp 789-91.

Winfree CJ. Implantable pumps. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002, pp 792-4.

Winfree CJ. Shunt tap. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002, pp 1008-10.

Winfree CJ. Shunt externalization. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002, pp 1011-2.

Winfree CJ. Arterial catheterization. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002, pp 1013-5.

Winfree CJ. Central venous catheterization. In: Connolly ES, McKhann GM, Huang J, Choudhri TF (Eds.), **Fundamentals of Operative Techniques in Neurosurgery**. Thieme Medical Publishers Inc., New York, 2002, pp 1016-21.

## NATIONAL MEETING PRESENTATIONS

Winfree CJ. Peripheral nerve and spinal nerve root stimulation for the treatment of complex regional pain syndrome. **American Association of Neurological Surgeons Annual Meeting**, 2008.

Winfree CJ. Techniques in interventional low back pain management. **American Association of Neurological Surgeons Annual Meeting**, 2008.

Moise G, Winfree CJ. Transspinal nerve root stimulation: development of a new technique for selective spinal nerve root stimulation. **Richard Lende Winter Neurosurgery Conference**, 2008.

Winfree CJ. Comprehensive, multidisciplinary pain management. **Advanced Techniques and Technology in Brain and Spine Surgery**, 2007.

Winfree CJ. Refractory spinal pain conditions. **Advanced Techniques and Technology in Brain and Spine Surgery**, 2007.

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Winfree CJ. Intraoperative positioning nerve injuries. **American College of Surgeons Annual Meeting**, 2007.

Haque R, Winfree CJ. Spinal nerve root stimulation for the treatment of intercostal neuralgia. **Richard Lende Winter Neurosurgery Conference**, 2007.

Winfree CJ. Spinal cord stimulation for angina pectoris. **Neurosurgical Society of America Annual Meeting**, 2005.

Winfree CJ. Robotic peripheral nerve surgery. **American College of Surgeons Annual Meeting**, 2004.

Winfree CJ, Kline DG. Intraoperative positioning nerve injuries. **The Sunderland Society Annual Conference**, 2004.

Winfree CJ, Goodman RR. Gamma Knife radiosurgery for the treatment of glossopharyngeal neuralgia. **Richard Lende Winter Neurosurgery Conference**, 2003.

Winfree CJ, Goodman RR. Cranial fixation and subcutaneous tunneling of deep brain stimulator electrodes: technical note. **Richard Lende Winter Neurosurgery Conference**, 2001.

Winfree CJ, Mack WJ, Oppermann M, Huang J, Mocco J, Choudhri TF, DeLaPaz R, Khandji A, Popilskis S, Connolly ES. Perfusion weighted magnetic resonance imaging of luxury perfusion is correlated with technetium-SPECT in primate stroke. **Congress of Neurological Surgeons Annual Meeting**, 2000.

### INVITED EXTRAMURAL PRESENTATIONS

Winfree CJ. Pathophysiology of spinal cord injury: implications for treatment strategies. **Biomedical Society**, Baruch College, 2008.

Winfree CJ. Pathophysiology of spinal cord injury: implications for treatment strategies. **Trauma Service**, St. Joseph's Regional Medical Center, 2008.

Winfree CJ. Intraoperative positioning nerve injuries. **Department of Nursing**, Valley Hospital, Audrey Luckow Pavilion, 2008.

Winfree CJ. Intraoperative nerve injuries. **Department of Anesthesiology**, Valley Hospital, 2008.

Winfree CJ. Neurosurgical treatment of chronic pain. **Northern Valley Rehabilitation Society**, 2007.

Winfree CJ. Management of orthopedic peripheral nerve complications. **Department of Orthopedic Surgery**, Valley Hospital, 2007.

Winfree CJ. Neurosurgical management of chronic pain. **Department of Neurology**, Valley Hospital, 2007.

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Winfree CJ. Neurosurgical management of chronic pain. **Department of Physical Medicine and Rehabilitation**, New York Academy of Medicine, 2007.

Winfree CJ. Management of painful surgical complications. **Department of General Surgery**, North General Hospital, 2006.

Winfree CJ. Management of peripheral nerve injuries. **Northern Valley Rehabilitation Society**, 2006.

Winfree CJ. Pain principles for the resident physician. **Pfizer**, New York, NY, 2006.

Winfree CJ. Management of peripheral nerve injuries and tumors. **Department of Neurology**, Valley Hospital, 2006.

Winfree CJ. Management of peripheral nerve injuries. **Rockland Neurological and Neurosurgical Associates**, 2006.

Winfree CJ. So your back still hurts? The failed back surgery syndrome. **Cornell Weill Medical Center**, 2004.

**INVITED INTRAMURAL PRESENTATIONS**

Winfree CJ. Spinal cord stimulation. **Department of Anesthesiology**, College of Physicians and Surgeons, 2008.

Winfree CJ. Techniques in interventional low back pain management. **Department of Neurological Surgery**, College of Physicians and Surgeons, 2008.

Winfree CJ. Pathophysiology of spinal cord injury: implications for treatment strategies. **Basic and Translational Neuroscience**, College of Physicians and Surgeons, 2008.

Winfree CJ. Management of peripheral nerve injuries. **Department of Neurology, Electromyography Laboratory**, 2008.

Winfree CJ. Neurosurgical management of multiple sclerosis-associated complications. **Columbia Presbyterian Health Sciences Advisory Council Neurosciences Committee Meeting**, College of Physicians and Surgeons, 2007.

Winfree CJ. Trigeminal branch stimulation for the treatment of medically-refractory post-stroke pain. **Department of Neurology**, College of Physicians and Surgeons, 2007.

Winfree CJ. Neurosurgical management of intractable dentofacial pain. **Department of Dentistry**, Columbia College of Dental Medicine, 2007.

Winfree CJ. Facial pain syndromes. **Department of Neurological Surgery**, College of Physicians and Surgeons, 2007.

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Winfree CJ. Management of peripheral nerve injuries. **Department of Occupational Therapy,** College of Physicians and Surgeons, 2006.

Winfree CJ. Peripheral nerve transfer to bridge spinal cord injury. **James A. Lenox Society,** Columbia University Medical Center, 2006.

Winfree CJ. The neurosurgical treatment of pain: neurostimulation. **Department of Occupational Therapy,** College of Physicians and Surgeons, 2006.

Winfree CJ. Management of medically and surgically refractory trigeminal neuralgia. **Department of Neurological Surgery,** College of Physicians and Surgeons, 2006.

Winfree CJ. Management of peripheral nerve injuries and tumors. **Department of Neurology,** College of Physicians and Surgeons, 2006.

Winfree CJ. The neurosurgical treatment of pain: neurostimulation. **Department of Physical Therapy,** College of Physicians and Surgeons, 2006.

Winfree CJ. Implantable devices for pain. **Integrative Pain Medicine Annual Meeting,** College of Physicians and Surgeons, 2006.

Winfree CJ. Management of peripheral nerve injuries. **Department of Physical Therapy,** College of Physicians and Surgeons, 2006.

Winfree CJ. The neurosurgical treatment of pain: neurostimulation. **Department of Neurology,** College of Physicians and Surgeons, 2006.

Winfree CJ. Lower extremity sensory examination. **Department of Neurological Surgery,** College of Physicians and Surgeons, 2005.

Winfree CJ. Spinal cord stimulation for angina pectoris. **Department of Cardiology,** College of Physicians and Surgeons, 2005.

Winfree CJ. Intraoperative positioning nerve injuries. **Department of Neurological Surgery,** College of Physicians and Surgeons, 2005.

Winfree CJ. Intraoperative positioning nerve injuries. **Department of Anesthesiology,** College of Physicians and Surgeons, 2005.

Winfree CJ. Differential diagnosis of foot drop. **Department of Neurological Surgery,** College of Physicians and Surgeons, 2005.

Winfree CJ. Principles of facial pain management. **Department of Dentistry,** Columbia College of Dental Medicine, 2004.

Winfree CJ. Current techniques in peripheral nerve and pain neurosurgery: an update. **Department of Neurology,** College of Physicians and Surgeons, 2004.

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Winfree CJ. Spinal cord stimulation for angina pectoris. **Department of Neurological Surgery, College of Physicians and Surgeons, 2004.**

Winfree CJ. Principles of neurotization procedures for brachial plexus injuries. **Neurological Intensive Care Unit, Columbia University Medical Center, 2004.**

Winfree CJ. Spinal cord stimulation for angina pectoris. **Department of Cardiology, Oregon Health and Science University, 2004.**

Winfree CJ. Detrimental role of neutrophil adhesion in stroke: a study of neutrophil-deficient and homozygous null ICAM-1 mice. **Dr. Alfred Steiner Awards for Medical Student Research, Columbia University College of Physicians & Surgeons, 1995.**

Winfree CJ. Conformationally-restricted bis(9-aminoacridine)s as novel antitumor agents: synthesis and fluorescence spectroscopy. **Sigma XI Christopher G. Reed Award Presentations, Dartmouth College, 1991.**