



CURRICULUM VITAE FOR ACADEMIC PROMOTION

The Johns Hopkins University School of Medicine

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DANIEL M. SCIUBBA, M.D., FAANS

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments:

Johns Hopkins University
Assistant Professor of Neurosurgery, Oncology, and Orthopaedic Surgery
Department of Neurosurgery
Director, Minimally Invasive Spine Surgery
Director, Spine Research

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Education and Training:

<u>Year</u>	<u>Degree/Certificate</u>	<u>Institution</u>	<u>Discipline</u>
1997	BS	Duke University	Biology
2000	Research Fellowship	HHMI/Columbia	Neurophysiology
2002	MD	Columbia University	Medicine
2003	Internship	Johns Hopkins University	General Surgery
2008	Research Fellowship	NIH/JHU	Neuro-oncology
2008	Clinical Fellowship	Johns Hopkins University	Complex Spine
2009	Residency	Johns Hopkins University	Neurosurgery
2009	Clinical Fellowship	Shriners Hosp, Philadelphia	Complex Spine

Professional Experience:

<u>Dates</u>	<u>Positions</u>	<u>Institution</u>
7/2009-present	Assistant Professor	Johns Hopkins University
7/2009-present	Director, Spine Research	Johns Hopkins University
7/2009-present	Director, Minimally Invasive Surgery	Johns Hopkins University

RESEARCH ACTIVITIES

H-Factor: 25

Peer-Reviewed Publications:

1. Young, EC, **Sciubba, DM**, Sieglebaum, SA. Efficient Coupling of Ligand Binding to Channel Opening by the Binding Domain of a Modulatory (β) Subunit of the Olfactory Cyclic Nucleotide-Gated Channel. *Journal Gen Physiol*. 2001 Nov;118(5):523-46.
2. Woodworth GF, McGirt MJ, Elfert P, **Sciubba DM**, Rigamonti D. Frameless stereotactic ventricular shunt placement for idiopathic intracranial hypertension. *Stereotact Funct Neurosurg*. 2005;83(1):12-6. Epub 2005 Feb 21.
3. Mavinkurve GG, **Sciubba D**, Amundson E, Jallo GI. Familial Chiari type I malformation with syringomyelia in two siblings: case report and review of the literature. *Childs Nerv Syst*. 2005 Nov; 21(11):955-9. Epub 2005 Apr 9.
4. Samdani AF, Storm PB, Kuchner EB, Garonzik IM, **Sciubba D**, Carson B. Ventriculoperitoneal shunt malfunction presenting with pleuritic chest pain. *Pediatr Emerg Care*. 2005 Apr;21(4):261-3.
5. **Sciubba DM**, Stuart RM, McGirt MJ, Woodworth GF, Samdani AF, Carson B, Jallo GI. Effect of antibiotic-impregnated shunt catheters in decreasing the incidence of shunt infection in the treatment of hydrocephalus. *J Neurosurg*. 2005 Aug;103(2 Suppl):131-6.
6. Gallia GL, **Sciubba DM**, Hann CL, Raman SP, Westra WH, Tufaro AP, Olivi A. Synovial sarcoma of the frontal sinus: Case Report. *J Neurosurg*. 2005 Dec; 103(6): 1077-80.
7. **Sciubba DM**, Kretzer R, Wang P. Acute intracranial subdural hematoma following a lumbar CSF leak caused by spine surgery. *Spine*. 2005 Dec 15;30(24):E730-2.
8. **Sciubba DM**, Mavinkurve GG, PF, Gaullioude P, Garonzik IM, Recinos PF, McGirt MJ, Woodworth GF, Witham T, Khavkin Y, Gokaslan ZL, Wolinsky JP. Preoperative imaging of cervical spine hemangioblastomas using three-dimensional fusion digital subtraction angiography. Report of two cases. *J Neurosurg Spine*. 2006 Jul;5(1):96-100.
9. **Sciubba DM**, Garonzik IM, Suk I, Gallia GL, Tufaro A, Wolinsky JP, Gokaslan ZL. Frameless stereotaxy in a transmandibular, circumglossal retropharyngeal cervical decompression in a klippel-feil patient: technical note. *Eur Spine J*. 2006 Aug;15(8):1286-91.
10. **Sciubba DM**, Gallia GL, Recinos PF, Garonzik IM, Clatterbuck R. Intracranial aneurysm following radiation therapy during childhood for a brain tumor. Case report and review of the literature. *J Neurosurg*. 2006 Aug;105(2 Suppl):134-9.

11. McGirt MJ, Buck DW, **Sciubba D**, Woodworth GF, Carson B, Weingart J, Jallo G. Adjustable versus set-pressure valves decrease the risk of proximal shunt obstruction in the treatment of pediatric hydrocephalus. *Childs Nerv Syst*. 2007 Mar;23(3):289-95. Epub 2006 Nov 15.
12. Kretzer RM, **Sciubba DM**, Bagley CA, Wolinsky JP, Gokaslan ZL, Garonzik IM. Translaminar Screw Fixation in the Upper Thoracic Spine: Cases Series and Technical Note. *J Neurosurg Spine*. 2006 Dec;5(6):527-533.
13. **Sciubba DM**, Gokaslan ZL. Diagnosis and Management of Metastatic Spine Disease. *Surg Oncol*. 2006 Nov;15(3):141-51. Epub 2006 Dec 20.
14. Wolinsky JP, **Sciubba DM**, Suk I, Gokaslan ZL. Endoscopic image-guided odontoidectomy for basilar invagination via a standard anterior cervical approach. Technical Note. *J Neurosurg Spine*. 2007 Feb; 6(2):184-191.
15. Lin LM, **Sciubba DM**, Gallia GL, Sosnowski J, Weingart JD. Diethylstilbestrol (DES) induced clear cell adenocarcinoma of the vagina metastasizing to the brain. Case report and review of the literature. *Gynecol Oncol*. 2007 Apr;105(1):273-6. Epub 2007 Feb 8.
16. **Sciubba DM**, McGirt MJ, Woodworth GF, Carson B, Jallo GI. Prolonged exposure to antibiotics from antibiotic-impregnated shunt catheters does not increase incidence of late shunt infections. *Childs Nerv Syst*. 2007 Aug;23(8):867-71. Epub 2007 Mar 27.
17. Shehadi JA, **Sciubba DM**, Suk I, Suki D, Maldaun MVC, McCutcheon IE, Nader R, Theriault R, Rhines LD, Gokaslan ZL. Surgical treatment strategies and outcome in patients with breast cancer metastatic to the spine: a review of 87 patients. *Eur Spine J*. 2007 Aug;16(8):1179-92. Epub 2007 Apr 4.
18. Recinos PF, **Sciubba DM**, Jallo GI. Brainstem Tumors: Where are we today? *Pediatr Neurosurg*. 2007;43(3):192-201.
19. **Sciubba DM**, Gallia GL, McGirt MJ, Woodworth GF, Garonzik IM, Gokaslan ZL, Witham T, Wolinsky JP. Thoracic kyphotic deformity reduction with a distractible titanium cage via an entirely posterior approach. *Neurosurgery*. 2007 Apr;60(4 Suppl 2):223-31.
20. **Sciubba DM**, Lin LM, Woodworth GF, McGirt MJ, Carson B, Jallo GI. Factors contributing to the medical costs of cerebrospinal fluid shunt infection treatment in pediatric patients with standard shunt components compared with those in patients with antibiotic-impregnated components. *Neurosurg Focus*. 22 (4):E9, April 2007.
21. **Sciubba DM**, Gokaslan ZL, Suk I, Suki D, Maldaun MVC, McCutcheon IE, Nader R, Theriault R, Rhines LD, Shehadi JA. Positive and Negative Prognostic Variables for Patients Undergoing Spine Surgery for Metastatic Breast Disease. *Eur Spine J*. 2007 May 8 [Epub ahead of print]
22. **Sciubba DM**, Noggle JC, Marupudi NI, Bookland M, Bagley CA, Ain MC, Carson BS, Jallo GI. Spinal Stenosis Surgery in Pediatric Patients with Achondroplasia. *J Neurosurg*. 2007 May;106(5 Suppl):372-8.
23. Gallia GL, **Sciubba DM**, Bydon A, Suk I, Wolinsky JP, Gokaslan ZL, Witham TF. Total L-5 spondylectomy and reconstruction of the lumbosacral junction. Technical note. *J Neurosurg Spine* 7:103-111, July 2007.
24. Woodworth GF, Chaichana K, McGirt MJ, **Sciubba DM**, Suk I, Jallo GI, Gokaslan ZL, Wolinsky JP, Witham TF. Predictors of ambulatory function after surgical resection of intramedullary spinal cord tumors. *Neurosurgery*. 2007 Jul;61(1):99-106.

25. **Sciubba DM**, Wolinsky JP, Than K, Gokaslan ZL, Witham TF, Murphy KP. CT fluoroscopically guided percutaneous placement of transiliosacral rod for sacral insufficiency fracture: Case report and technique. *AJNR Am J Neuroradiol*. 2007 Sep;28(8):1451-4.
26. **Sciubba DM**, McLoughlin GS, Gokaslan ZL, Bydon A, Bessman E, Pantle H. Are Computed Tomography (CT) scans adequate in assessing cervical spine pain following blunt trauma? *Emerg Med J* 2007 Nov; 24: 803-804.
27. **Sciubba DM**, Lin LM, Conway JE, Gokaslan ZL, Bydon A, Kebaish K. Development of scoliosis following intrathecally-placed opioid pump for chronic low back pain. *Spine*. 2007 Nov 15;32(24):E718-E722.
28. **Sciubba DM**, Chi JH, Rhines LD, Gokaslan ZL, Wolinsky JP. Chordoma of the spinal column. *Neurosurg Clin N Am*. 2008 Jan;19(1):5-15.
29. **Sciubba DM**, Hsieh PC, McLoughlin GS, Jallo GI. Pediatric tumors involving the spinal column. *Neurosurg Clin N Am*. 2008 Jan;19(1):81-92.
30. McLoughlin GS, **Sciubba DM**, Wolinsky JP. Chondroma/chondrosarcoma of the spine. *Neurosurg Clin N Am*. 2008 Jan;19(1):57-63.
31. Chi J, **Sciubba DM**, Rhines LD, Gokaslan ZL. Surgery for primary vertebral tumors: En bloc versus intralesional resection. *Neurosurg Clin N Am*. 2008 Jan;19(1):111-17.
32. **Sciubba DM**, Dorsi MJ, Kretzer R, Belzberg AJ. Computer Tomography reconstruction artifact suggesting cervical spine subluxation. *J Neurosurg Spine* 8:84-87, 2008.
33. **Sciubba DM**, Noggle JC, Carson BC, Jallo GI. Antibiotic-impregnated shunt catheters for the treatment of infantile hydrocephalus. *Pediatr Neurosurg*. 2008;44(2):91-6. Epub 2008 Jan 24.
34. **Sciubba DM**, Nelson C, Hsieh P, Gokaslan ZG, Ondra SL, Bydon A. Peri-operative challenges in the surgical management of ankylosing spondylitis patients. *Neurosurg Focus* 24 (1):E10, 2008.
35. Pennant WA, **Sciubba DM**, Noggle JC, Tyler BM, Tamargo RJ, Jallo GI. Microsurgical removal of intramedullary spinal cord gliomas in a rat spinal cord decreases onset to paresis, an animal model for intramedullary tumor treatment. *Childs Nerv Syst* 2008 Mar 4; [Epub ahead of print].
36. McGirt MJ, Attenello FJ, **Sciubba DM**, Gokaslan ZL, Wolinsky JP. Endoscopic transcervical odontoidectomy for pediatric basilar invagination: Initial experience with four patients. *J Neurosurg Pediatrics*. 2008 Apr;1(4):337-42.
37. **Sciubba DM**, Noggle JC, Vellimana A, Conway JE, Kretzer RM, Long, DM, Garonzik IM. Laminar screw fixation of the axis. *J Neurosurg Spine*. 2008 Apr;8(4):327-34.
38. Hsu W, **Sciubba DM**, Sasson D, Khavkin Y, Wolinsky JP, Gailloude P, Gokaslan ZL, Murphy K. Intraoperative localization of thoracic spine level with preoperative percutaneous placement of intravertebral polymethylmethacrylate. *J Spinal Disord Tech* 2008 Feb;21(1):72-75.
39. Chaichana KL, Woodworth GF, **Sciubba DM**, McGirt MJ, Witham TF, Bydon A, Wolinsky JP, Gokaslan ZL. Predictors of ambulatory function after decompressive surgery for metastatic epidural spinal cord compression. *Neurosurgery*. 2008 Mar;62(3):683-92; discussion 683-92.
40. Murphy K, Wyse G, Gailloud P, Woodworth GF, **Sciubba DM**, Oka M, Sasson AD, Long D. Two-needle technique for the treatment of symptomatic tarlov cysts. *J Vasc Interv Radiol*. 2008 May;19(5):771-3. Epub 2008 Mar 28.

41. **Sciubba DM**, Chaichana, KL, Woodworth GF, McGirt MJ, Gokaslan ZL, Jallo GI. Factors associated with cervical instability requiring fusion after cervical laminectomy for intradural tumor resection. *J Neurosurg Spine*. 2008 May;8(5):413-9.
42. McLoughlin GS, Nuchtern JG, Dauser RC, **Sciubba DM**, Gokaslan ZL, Wolinsky JP. Mediastinal lymphangioma presenting as an acute epidural hematoma. *J Neurosurg Pediatrics*. 2008 Jun;1(6):474-476.
43. Noggle JC, **Sciubba DM**, Nelson C, Garcés-Ambrossi GL, Ahn E, Jallo GI. Supraciliary keyhole craniotomy for brain abscess debridement. *Neurosurg Focus*. 2008 Jun;24(6):E11.
44. **Sciubba DM**, Gokaslan ZL. Spinal cord stimulation for failed back surgery syndrome – does it work and is it cost effective? *Nat Clin Pract Neurol* 2008 Jul 22. [Epub ahead of print].
45. Noggle JC, **Sciubba DM**, Samdani AF, Anderson DG, Betz RR, Asghar J. Minimally invasive direct repair of lumbar spondylolysis using a pedicle screw and hook construct. *Neurosurg Focus* 2008;25(2):E15.
46. Hsieh PC, Koski TR, **Sciubba DM**, Moller DJ, O’Shaughnessy BA, Li K, Gokaslan ZL, Ondra SL, Fessler R, Liu JC. Maximizing the potential of minimally invasive spine surgery in complex spinal disorders. *Neurosurg Focus* 2008;25(2):E19.
47. Gok B, **Sciubba DM**, McLoughlin GS, McGirt MJ, Ayhan S, Wolinsky JP, Bydon A, Gokaslan ZL, Witham TF. Surgical treatment of cervical spondylotic myelopathy with anterior compression: a review of 67 patients. *J Neurosurg Spine*. 2008 Aug;9(2):152-7.
48. McLoughlin GS, **Sciubba DM**, Suk I, Bydon A, Witham TF, Gokaslan ZL, Wolinsky JP. En bloc sacrectomy performed in a single stage through a posterior approach. *Neurosurgery*. 2008 Jul;63(1 Suppl 1):ONS115-20; discussion ONS120.
49. Gok B, **Sciubba DM**, McLoughlin GS, McGirt MJ, Ayhan S, Wolinsky JP, Bydon A, Gokaslan ZL, Witham TF. Revision surgery for cervical spondylotic myelopathy: surgical results and outcome. *Neurosurgery*. 2008 Aug;63(2):292-8; discussion 298.
50. Gok B, McGirt MJ, **Sciubba DM**, Ayhan S, Bydon A, Witham TF, Wolinsky JP, Gokaslan ZL. Surgical resection plus adjuvant radiotherapy is superior to surgery or radiotherapy alone in the prevention of neurological decline in a rat metastatic spinal tumor model. *Neurosurgery*. 2008 Aug;63(2):346-51; discussion 351.
51. McLoughlin GS, **Sciubba DM**, Ali SK, Weinkauff JG, Fourney DR. An unusual case of spinal column metastasis after orthotopic transplantation for cardiac sarcoma. *J Neurosurg Spine*. 2008 Oct;9(4):377-381.
52. Xu R, **Sciubba DM**, Gokaslan ZL, Bydon A. Ossification of the ligamentum flavum in a Caucasian male. *J Neurosurg Spine*. 2008 Nov;9(5):427-37.
53. Parker SL, Attenello F, **Sciubba DM**, Garcés-Ambrossi GL, Ahn E, Weingart J, Carson B, Jallo GI. Comparison of shunt infection incidence in high-risk subgroups receiving antibiotic-impregnated versus standard shunts. *Childs Nerv Syst*. 2008 Nov 5. [Epub ahead of print]
54. Gebauer GP, Farjoodi P, **Sciubba DM**, Gokaslan ZL, Riley LH, Wasserman BA, Khanna AJ. Magnetic Resonance Imaging of Spine Tumors: Classification, Differential Diagnosis, and Spectrum of Disease. *J Bone Joint Surg Am*. 2008 Nov;90 Suppl 4:146-62.
55. **Sciubba DM**, Nelson C, Gok B, McGirt MJ, McLoughlin GS, Noggle JC, Wolinsky JP, Witham TF, Bydon A, Gokaslan ZL. Evaluation of factors associated with postoperative infection following sacral tumor resection. *J Neurosurg Spine*. 2008 Dec;9(6):593-599.

56. **Sciubba DM**, Nguyen TK, Gokaslan ZL. Solitary vertebral metastasis. *Orthop Clin North Am.* 2009 Jan;40(1):145-154.
57. Smith JR, **Sciubba DM**, Samdani AF. Scoliosis: A straightforward approach to diagnosis and management. *JAAPA.* 2008 Nov;21(11):40-5.
58. Chaichana KL, **Sciubba DM**, Li KW, Gokaslan ZL. Surgical management of thoracic spinal cord herniation: technical consideration. *J Spinal Disord Tech* 2009 Feb;22(1):67-72.
59. McGirt MJ, Ambrossi GL, Dato G, **Sciubba DM**, Witham TF, Wolinsky JP, Gokaslan Z, Bydon A. Recurrent disc herniation and long-term back pain after primary lumbar discectomy: review of outcomes reported for limited versus aggressive disc removal. *Neurosurgery.* 2009 Feb;64(2):338-44; discussion 344-5.
60. Gok B, **Sciubba DM**, Okutan O, Beskonakli E, Palaoglu S, Erdamar H, Sargon MF. Immunomodulation of acute experimental spinal cord injury with human immunoglobulin G. *J Clin Neurosci.* 2009 Apr;16(4):549-53. Epub 2009 Feb 5.
61. Gok B, McLoughlin GS, **Sciubba DM**, McGirt MJ, Chaichana K, Wolinsky JP, Bydon A, Gokaslan ZL, Witham TF. Surgical management of cervical spondylotic myelopathy with laminectomy and instrumented fusion. *Neurol Res* 2009 Feb 11. [Epub ahead of print].
62. Vellimana A, **Sciubba DM**, Noggle JC, Jallo GI. New technology of bipolar cautery. *Neurosurgery* 2009 Mar;64(3 Suppl):11-8; discussion 19.
63. **Sciubba DM**, Petteys RJ, Garces-Ambrossi GL, McGirt MJ, Wolinsky JP, Witham TF, Gokaslan ZL. Diagnosis and Management of sacral tumors. *J Neurosurg Spine* 2009 Mar;10(3):244-56.
64. Parker SL, McGirt MJ, Garces-Ambrossi GL, Mehta VA, **Sciubba DM**, Witham TF, Gokaslan ZL, Wolinsky JP. Translaminar versus pedicle screw fixation of C2: Comparison of surgical morbidity and accuracy of 313 consecutive screws. *Neurosurgery* 2009 May;64(5 Suppl 2):343-8; discussion 348-9.
65. Williams B, Fox BD, **Sciubba DM**, Suki ND, Tu SM, Kuban D, Gokaslan ZL, Rhines LD, Rao G. Surgical management of prostate cancer metastatic to the spine. *J Neurosurg Spine* 2009 May;10(5):414-422.
66. Filho SD, Silva HB, Albuquerque LA, Almeida JP, Santos FD, **Sciubba DM**. Giant intradural extramedullary arachnoid cyst of the thoracic spine. Case report. *J Clin Neurosci.* 2009 Jun 22. [Epub ahead of print].
67. de Almeida JP, Petteys RJ, **Sciubba DM**, Gallia GL, Brem H. Regression of intracranial meningioma following intratumoral hemorrhage. *J Clin Neurosci.* 2009 Jun 25. [Epub ahead of print].
68. **Sciubba DM**, Vellimana A, Noggle JC, Alesh H, McGirt MJ, Gokaslan ZL, Wolinsky JP. Radiographic and clinical evaluation of free-hand placement of C2 pedicle screws. *J Neurosurg Spine* July 2009 Jul;11(1):15-22.
69. Chaichana KL, Pendelton C, **Sciubba DM**, Wolinsky JP, Gokaslan ZL. Outcome following decompressive surgery for different histological types of metastatic tumors causing epidural spinal cord compression. *J Neurosurg Spine* July 2009 Jul;11(1):56-63.
70. Gok B, McGirt MJ, **Sciubba DM**, Garces-Ambrossi G, Nelson C, Noggle JC, Bydon A, Witham T, Wolinsky JP, Gokaslan ZL. Adjuvant treatment with locally delivered oncogel delays the onset

- of paresis after surgical resection of experimental spinal column metastasis. *Neurosurgery*. 2009 Jul;65(1):193-200.
71. Lin LM, **Sciubba DM**, Jallo GI. Neurosurgical applications of laser technology. *Surg Technol Int* 2009;18:63-8.
 72. **Sciubba DM**, Pettys RJ. Evaluation of blunt cervical spine injury. *South Med J* 2009 Jul 4 [Epub ahead of print].
 73. Chaichana KL, Pendleton C, Wolinsky JP, Gokaslan ZL, **Sciubba DM**. Vertebral compression fractures in patients presenting with metastatic epidural spinal cord compression. *Neurosurgery* 2009 Aug;65(2):267-74; discussion 274-5.
 74. Ambrossi GL, McGirt MJ, **Sciubba DM**, Witham TF, Wolinsky JP, Gokaslan ZL, Long DM. Recurrent lumbar disc herniation after single-level lumbar discectomy: incidence and health care cost analysis. *Neurosurgery*. 2009 Sep;65(3):574-8; discussion 578.
 75. Hsieh PC, Xu R, **Sciubba DM**, McGirt MJ, Nelson C, Witham TF, Wolinsky JP, Gokaslan ZL. Long-term clinical outcomes following attempted en bloc resections for sacral chordomas and chondrosarcomas: a series of twenty consecutive patients. *Spine* 2009 Sep 15;34(20):2233-9.
 76. Xu R, Garcés-Ambrossi GL, McGirt MJ, Witham TF, Bydon A, Wolinsky JP, Gokaslan ZL, **Sciubba DM**. Thoracic vertebrectomy and spinal reconstruction via anterior, posterior, or combined approaches: clinical outcomes in 91 consecutive patients with metastatic spinal tumors. *J Neurosurg Spine* 2009 Sep;11(3):272-84.
 77. Garcés-Ambrossi GL, McGirt MJ, Samuels R, **Sciubba DM**, Bydon A, Gokaslan ZL, Jallo GI. Neurological outcome after surgical management of adult tethered cord syndrome. *J Neurosurg Spine* 2009 Sep;11(3):304-9.
 78. **Sciubba DM**, Cheng JJ, Petteys RJ, Weber KL, Frassica DA, Gokaslan ZL. Chordoma of the sacrum and vertebral bodies. *J Am Acad Orthop Surg* 2009 Nov; 17(11):708-17.
 79. Samdani AF, Ranade A, **Sciubba DM**, Cahill PJ, Antonacci MD, Clements DH, Betz RR. Accuracy of thoracic pedicle screw placement in adolescent idiopathic scoliosis: How Much of a Difference Does Surgeon Experience Make? *E Spine J* 2009 Oct 29. [Epub ahead of print].
 80. **Sciubba DM**, Gokaslan ZL. Are patients satisfied following surgery for metastatic spine disease? *Spine J*. 2009 Nov 17. [Epub ahead of print]
 81. **Sciubba DM**, Okuno SH, Dekutoski MB, Gokaslan ZL. Ewings and Osteogenic sarcoma: Evidence for Multidisciplinary Management. *Spine* (Phila Pa 1976). 2009 Oct 15;34(22 Suppl):S58-68.
 82. Garcés-Ambrossi GL, McGirt MJ, Mehta VA, **Sciubba DM**, Witham TF, Bydon A, Wolinsky JP, Jallo GI, Gokaslan ZL. Factors associated with progression-free survival and long-term neurological outcome after resection of intramedullary spinal cord tumors: Analysis of 101 consecutive cases. *J Neurosurg Spine*. 2009 Nov;11(5):591-9.
 83. **Sciubba DM**, Petteys RJ, Shakur S, Gokaslan ZL, McCarthy EF, Collins MT, McGirt MJ, Hsieh PC, Nelson CS, Wolinsky JP. En bloc spondylectomy for treatment of tumor-induced osteomalacia. *J Neurosurg Spine*. 2009 Nov;11(5):600-4.
 84. Colby GP, Coon AL, **Sciubba DM**, Bydon A, Gailloud P, Tamargo RJ. Intraoperative Indocyanine Green Angiography for Obliteration of a Spinal Dural Arteriovenous Fistula. *J Neurosurg Spine* 2009 Dec;11(6):705-9.

85. Baird CJ, Conway JE, **Sciubba DM**, Prevedello DM, Quinones-Hinojosa A, Kassam AB. Radiographic and anatomical basis of endoscopic anterior craniocervical decompression: a comparison of endonasal, transoral, and transcervical approaches. *Neurosurgery*. 2009 Dec;65(6 Suppl):158-63; discussion 63-4.
86. McGirt MJ, Sutter EG, Xu R, **Sciubba DM**, Wolinsky JP, Witham TF, Gokaslan ZL, Bydon A. Biomechanical comparison of translaminar versus pedicle screws at T1 and T2 in long subaxial cervical constructs. *Neurosurgery*. 2009 Dec;65(6 Suppl):167-72; discussion 172.
87. Hsieh PC, Li KW, **Sciubba DM**, Suk I, Wolinsky JP, Gokaslan ZL. Posterior-only Approach for Total En-Bloc Spondylectomy for malignant Spinal Neoplasms: Anatomic Considerations and Operative Nuances. *Neurosurgery*. 2009 Dec;65(6 Suppl):173-81; discussion 181.
88. **Sciubba DM**, Liang D, Kothbauer KF, Noggle JC, Jallo GI. The evolution of surgery for intramedullary spinal cord tumor surgery. *Neurosurgery*. 2009 Dec;65(6 Suppl):84-91; discussion 91-2.
89. Anwar Z, Zan E, Gujar SK, **Sciubba DM**, Riley LH, Gokaslan ZL, Yousem DM. Adult Lumbar Scoliosis: Underreported on Lumbar MR Scans. *AJNR Am J Neuroradiol*. 2010 Jan 6. [Epub ahead of print].
90. Ayhan S, Nelson C, Gok B, Pettys RJ, Wolinsky JP, Witham TF, Bydon A, Gokaslan ZL, **Sciubba DM**. Transthoracic surgical treatment for centrally located thoracic disc herniations presenting with myelopathy: A five-year institutional experience. *J Spinal Disord Tech*. 2010 Jan 6. [Epub ahead of print].
91. Alosch H, Parker SL, McGirt MJ, Gokaslan ZL, Witham TF, Bydon A, Wolinsky JP, **Sciubba DM**. Preoperative radiographic factors and surgeon experience are associated with cortical breach of C2 pedicle screws. *J Spinal Disord Tech*. 2010 Jan 11. [Epub ahead of print]
92. McLoughlin GS, **Sciubba DM**, Suk I, Bydon A, Witham TF, Wolinsky JP, Gokaslan ZL. Resection of a retropharyngeal craniovertebral junction chordoma through a posterior cervical approach. *J Spinal Disord Tech*. 2010 Jan 15. [Epub ahead of print]
93. Attenello F, Garcés-Ambrossi GL, Zaidi HA, **Sciubba DM**, Jallo GI. Hospital costs associated with shunt infections in patients receiving antibiotic-impregnated shunts catheters versus standard shunt catheters. *Neurosurgery*. 2010 Feb;66(2):284-9; discussion 289.
94. Omeis I, Bekelis K, Gregory A, McGirt M, **Sciubba D**, Bydon A, Wolinsky JP, Gokaslan Z, Witham T. The use of expandable cages in patients undergoing multilevel corpectomies for metastatic tumors in the cervical spine. *Orthopedics*. 2010 Feb 1;33(2):87-92.
95. Kretzer RM, Chaput C, **Sciubba DM**, Garonzik IM, Jallo GI, McAfee PC, Cunningham BW, Tortolani PJ. A Computed Tomography-based feasibility study of translaminar screw fixation in the upper thoracic spine. *J Neurosurg Spine* 2010 Mar;12(3):286-92.
96. Hsu W, Wolinsky JP, Gokaslan ZL, **Sciubba DM**. Transoral Approaches to the cervical spine. *Neurosurgery*. 2010 Mar;66(3 Suppl):119-25.
97. **Sciubba DM**, Petteys RJ, Kang S, Than KD, Gokaslan ZL, Gallia GI, Wolinsky JP. Solitary spinal metastasis of Hürthle cell thyroid carcinoma. *J Clin Neurosci* 2010 Jun; 17(6):797-801. Epub 2010 Apr 1.
98. McGirt MJ, Garcés-Ambrossi GL, Parker S, **Sciubba DM**, Bydon A, Wolinsky JP, Gokaslan ZL, Jallo GI, Witham TF. Short-Term progressive spinal deformity following laminoplasty versus laminectomy for resection of intradural spinal tumors: Analysis of 238 patients. *Neurosurgery* 2010 May;66(5):1005-12.

99. Mehta VA, McGirt MJ, Ambrossi GL, Parker SL, **Sciubba DM**, Bydon A, Wolinsky JP, Gokaslan ZL, Witham TF. Trans-foraminal versus posterior lumbar interbody fusion: Comparison of surgical morbidity. *Neurol Res* 2010 Jun 11 [Epub ahead of print].
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139. Chaichana KL, De la Garza-Ramos R, **Sciubba DM**, Gokaslan ZL, Baaj AA. Minimally invasive percutaneous pedicle screw fixation for thoracolumbar spine fractures: Case report and review of the literature. *J Trauma Treat*. (in press)
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141. Sarabia-Estrada R, Molina CA, Jimenez-Estrada I, Zadnik P, Groves M, Gokaslan ZL, Bydon A, Witham TF, Wolinsky JP, **Sciubba DM**. Development of a novel animal model of spine cancer using human prostate adenocarcinoma: Histopathological and functional analysis. *Spine J* (in press).
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Inventions, Patents, Copyrights

- 1/30/2012 Formulations, devices, and methods for thermal therapy of cancers of the spine, JHU#C11865
- 6/28/2012 Novel human metastatic breast cancer cell line (RBC3), JHU#C11928

Extramural Funding

- 2012-present Local Delivery of Doxorubicin and Zoledronic Acid in Polymethylmethacrylate/Gelatin Constructs in a Rat Model of Metastatic Mammary Adenocarcinoma.
Neurosurgery Pain Research Institute at Johns Hopkins Research Grant.
Principle Investigator: **Daniel M. Sciubba, M.D.**
- Pending Ultrasonic ablation of vertebral body tumors in a rabbit model of spine cancer
NIH SBIR grant
Principle Investigator: E. Clif Burdette
Clinical Director: **Daniel M. Sciubba, M.D.**
- Pending Development of an animal model of thoracolumbar burst fracture-induced acute spinal cord injury.
US Dept of Defense (DOD)
Principle Investigator: **Daniel M. Sciubba, M.D.**
- Previous:
- 6/1998-9/1998 Detection of renal cell carcinoma using RT-PCR
Summer Scholar Fellowship of American Foundation for Urologic Disease.
American Foundation of Urologic Disease (AFUD).
Principal Investigators: **Daniel M. Sciubba, M.D.**, Ralph Buttyan, Ph.D.

Columbia University, Department of Molecular Urology

- 6/1998-12/1998 Evaluation of ethical cases with no formal ethical consults
Simon Rifkind Summer Fellowship.
Principal Investigators: **Daniel M. Sciubba, M.D.**, Barron Lerner, M.D., Ph.D.
Center for the Study of Society and Medicine, Columbia University
- 7/1999-6/2000 Identification of amino acids required for activation of cyclic nucleotide-gated ion channels
Howard Hughes Medical Institute (HHMI) Research Training Fellowship for Medical Students.
Principal Investigator: **Daniel M. Sciubba, M.D.**, Steven A. Siegelbaum, Ph.D.
HHMI/Columbia University, Center for Neurobiology and Behavior
- 7/2000-5/2002 HHMI Fellowship Award for the Continued Support for the Completion of Medical Studies.
HHMI/Columbia University, Center for Neurobiology and Behavior
Principal Investigator: **Daniel M. Sciubba, M.D.**
- 7/2006-6/2008 Local delivery of chemotherapeutic agents to tumors of the central nervous system
Combined Johns Hopkins Medical Institutions and National Institutes of Health (NIH) Neuro-Oncology Research Training Program (NIH T32 grant, CA-09574)
Principle Investigator: **Daniel M. Sciubba, M.D.**
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins
- 7/2006-6/2007 Local Delivery of Small Inhibitory RNA (siRNA) and Radiation Therapy to Treat Metastatic Spine Tumors
Ronald Apfelbaum Research Award.
AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Research Grant
Principal Investigators: **Daniel M. Sciubba, M.D.** & Ziya L. Gokaslan, M.D.
- 7/2006-6/2008 Local Delivery of Small Inhibitory RNA (siRNA) and Radiation Therapy to Treat Brainstem Tumors
National Institutes of Health (NIH) Pediatric Loan Repayment Program.
Principal Investigators: **Daniel M. Sciubba, M.D.**, George I. Jallo, M.D.
- 1/2007-12/2007 Local Delivery of Small Inhibitory RNA (siRNA) and Radiation Therapy to Treat Metastatic Spine Tumors
North American Spine Society (NASS) 2006 Research Grant Award.
Principal Investigator: **Daniel M. Sciubba, M.D.**
- 7/2008-6/2009 Effects of BMP-2 and BMP-7 on human breast cancer in a rat spine tumor model.
Neurosurgeon Research Education Foundation (NREF) 2008 Research Grant Award
Principle Investigator: **Daniel M. Sciubba, M.D.**
- 7/2010-2011 Optimizing magnetic nanoparticle mediated thermoablative therapy on a human adenocarcinoma metastatic spine rat tumor model.

Hansjorg Wyss Foundation Award, AOSpine,
Principle Investigator: **Daniel M. Sciubba, M.D.**

7/2010-2011 Optimizing magnetic nanoparticle mediated thermoablative therapy on a human
adenocarcinoma metastatic spine rat tumor model
Howard Hughes Medical Institute Research Training Fellowship Mentor.
Awardee: Camilo A. Molina.
Principle Investigator: **Daniel M. Sciubba, M.D.**

Research Program Building/Leadership

7/2009-present:

Director, Spine Laboratory Research, Department of Neurosurgery, JHU

Spinal Oncology, Hunterian Research Laboratory, Johns Hopkins University:

Director, Examining effects of various treatment options for intradural and extradural spine
tumors using animal models.

Clinical Research

Johns Hopkins Spinal Column Biomechanics and Surgical Outcomes Laboratory:

Co-founder and Co-director of the Spinal biomechanics and Outcomes Research Laboratory,
Department of Neurosurgery, Johns Hopkins University

EDUCATIONAL ACTIVITIES

Educational Publications

Editorials

1. **Sciubba DM**. Exposed CSF shunts: The Naked Truth of shunt infections. Editorial. *South Med J*, Volume 99, Number 10, October 2006.
2. Cardoso MJ, **Sciubba DM**. Is use of BMP for spine fusion surgery cost effective? *Arch Surg*. 2009 Nov;144(11):996-7.

Book Chapters

1. Campbell JN, **Sciubba DM**. Chapter 44: Neurosurgical Approaches to the Treatment of Pain. In: Pappagallo, Marco. The Neurological Basis of Pain. The McGraw-Hill Companies, Inc. 2005.
2. **Sciubba DM**, Bydon A, Gokaslan ZL. Chapter 56: Spinal Cord Compression. In: Abeloff MD, et al. Abeloff's Clinical Oncology, 4th Ed. 2008. Churchill Livingstone Elsevier. Philadelphia, PA.
3. **Sciubba DM**, Noggle JC, Jallo GI. Chapter 3: Equipment for Neuroendoscopic Procedures. In Jallo GI, et al. Neuroendoscopy of the Central Nervous System. Plural Publishing, Inc. San Diego, California. 2009.
4. **Sciubba DM**, Noggle JC. Ventricular Tumors Biopsy and Resection. In Jallo GI, et al. Neuroendoscopy of the Central Nervous System. Plural Publishing, Inc. San Diego, California. 2009.
5. **Sciubba DM**. Chapter: External Ventricular Drain. In: Connolly ES, McKhann GM, Huang J, Choudhry TF, Mocco J. Fundamentals of Operative Techniques in Neurosurgery, 2nd Edition. Thieme. New York, New York. 2010.
6. **Sciubba DM**. Chapter: Ventricular Access Device (Ventriculostomy). In: Connolly ES, et al. Fundamentals of Operative Techniques in Neurosurgery, 2nd Edition. Thieme. New York, New York. 2010.
7. **Sciubba DM**. Chapter: Scalp Lesions. In: Connolly ES, et al. Fundamentals of Operative Techniques in Neurosurgery, 2nd Edition. Thieme. New York, New York. 2010.
8. **Sciubba DM**. Chapter: Skull Defects: Cranioplasty. In: Connolly ES, et al. Fundamentals of Operative Techniques in Neurosurgery, 2nd Edition. Thieme. New York, New York. 2010.
9. **Sciubba DM**, Wasserman BA, Gokaslan ZL. Chapter: Tumors of the Spine. In: Khanna AJ, ed. Musculoskeletal MRI: Essentials for the Orthopaedic Surgeon. New York: Thieme; 2010.
10. Molina CA, Gokaslan ZL **Sciubba DM**. Spinal tumors. In Norden, Reardon, Wen. Primary Central Nervous System Tumors: Pathogenesis and Therapy. Humana Press/Springer. 2010.
11. Lin LM, **Sciubba DM**, Carson BS, Jallo GI. Chapter 77: Increased Intracranial Pressure. In Maria BL. Current Management in Child Neurology, 3rd Ed.
12. Pradilla G, **Sciubba DM**, Jallo GI. Antibiotic-impregnated shunts for the treatment of pediatric hydrocephalus. In Jallo GI, et al. Controversies in Pediatric Neurosurgery. Thieme. New York, New York. 2010

13. **Sciubba DM**, Molina CA. Tumors. In Handbook of Spine Surgery. Eds: Baaj, Vaccaro, Perez-Cruet. Thieme. 2011.
14. **Sciubba DM**, Molina CA, Gokaslan ZL. Retroperitoneal Approach. In Handbook of Spine Surgery. Eds: Baaj, Vaccaro, Perez-Cruet. Thieme. 2011.
15. McLoughlin GS, **Sciubba DM**, Wolinsky JP. Primary malignant tumors of the spine. In Bridwell K et al. Operative Spine Surgery, 2nd Ed. 2011
16. **Sciubba DM**, McLoughlin GS, Gokaslan ZL, Wolinsky JP. Jaw-splitting approaches to the spine. In Bridwell K et al. The Textbook of Operative Spine Surgery, 2nd Ed. 2011
17. **Sciubba DM**, Nelson C, Wolinsky JP, Gokaslan ZL. Sternal splitting approach to the anterior cervicothoracic junction. In Bridwell K et al. The Textbook of Operative Spine Surgery, 2nd Ed. 2011
18. Hsieh PC, **Sciubba DM**, Chi J, Bydon A, Gokaslan ZL. Surgical management of spinal neoplasms. In Mehta, Chang, Vogelbaum and Guha. Principles and Practices of Neuro-Oncology: A Multidisciplinary Approach.(in press)
19. Wolinsky JP, **Sciubba DM**. Complications in Spine Tumor Surgery. In Ames, Boriani, Jandial. Spine and Spinal Cord Tumors: Advanced Management and Operative Techniques. (in press)
20. **Sciubba DM**, Wolinsky JP, Gokaslan ZL. Chondrosarcoma. In Ames, Boriani, Jandial. Spine and Spinal Cord Tumors: Advanced Management and Operative Techniques. (in press)
21. Petteys R, **Sciubba DM**. Cervical Disc Herniation. In Handbook of Neurosurgery. Rigamonti D. World Scientific Publishing Co. (in press)
22. Richman J, **Sciubba DM**. Thoracic Disc Herniation. In Handbook of Neurosurgery. Rigamonti D. World Scientific Publishing Co. (in press)
23. Kosztowski T, **Sciubba DM**. Lumbar spinal stenosis. In Handbook of Neurosurgery. Rigamonti D. World Scientific Publishing Co. (in press)
24. Flerlage T, **Sciubba DM**. Intradural spinal tumors. In Handbook of Neurosurgery. Rigamonti D. World Scientific Publishing Co. (in press)
25. Molina C, Gokaslan ZL, **Sciubba DM**. Extradural spine tumors. In Handbook of Neurosurgery. Rigamonti D. World Scientific Publishing Co. (in press)
26. Thurston J, Hsu W, **Sciubba DM**. Cervical spinal stenosis. In Handbook of Neurosurgery. Rigamonti D. World Scientific Publishing Co.
27. **Sciubba DM**, Harrop J. Management of Injuries of the Cervical Spine and Spinal Cord. Schmidek & Sweet Operative Neurosurgical Techniques: Indications, Methods, and Results, 6th Ed. 2012
28. **Sciubba DM**. Degenerative Scoliosis. Schmidek & Sweet Operative Neurosurgical Techniques: Indications, Methods, and Results, 6th Ed. 2012
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30. **Sciubba DM**, Bydon A, Wolinsky JP, Gokaslan ZL. Pseudotumor: Transoral vs. PSF. In Jandial. Controversies in Spine. 2011.

31. **Sciubba DM**, Molina CA, Gokaslan ZL, Wolinsky JP. Tumors of craniocervical junction. In Dickman, Craniocervical junction. 2012.
32. Laufer I, Madera M, **Sciubba DM**, Gokaslan ZL. Treatment of Spinal Metastases. In Principles of Neurosurgery. 2012.
33. Wolinsky JP, **Sciubba DM**, Gokaslan ZL. Spondylectomy for Spinal Tumor. In Spine surgery: techniques, complication avoidance, and management. Ed: E.C. Benzel. 2012.
34. Baldwin NG, Kern MB, Cahill DW, **Sciubba DM**. Complex Lumbosacropelvic Fixation Techniques. In Spine surgery: techniques, complication avoidance, and management. Ed: E.C. Benzel. 2012.
35. Yoon J, Molina CA, **Sciubba DM**. Metastatic Spine Tumors. In Spine Surgery Basics. Ed, Patel, Harrop, Burger.
36. Zadnik P, **Sciubba D**. Anterolateral Open Thoracotomy Approach for Thoracic Discectomy. In Surgical Atlas and Spinal Operations. Ed: Eck, Vaccaro.
37. Groves ML, Kretzer RM, **Sciubba DM**. Decompression with Surgery. In: Controversies in Stereotactic Radiosurgery. Ed: Sheehan and Gerszten.
38. Groves ML, Zadnik P, **Sciubba DM**. Radiotherapy and radiosurgery in the management of sacral tumors. In Radiosurgery in CNS Disease. Ed: Kleinberg, Rigmonti, Lim, Hsu.
39. Kaloostian PE, **Sciubba DM**. – Expandable cages for thoracic spinal deformity. In Minimally Invasive Deformity Surgery. Ed: Wang, Mummaneni.
40. Yurter A, Zadnik PL, Sarabia-Estrada R, Groves ML, **Sciubba DM**. Orthopedic Polymers: Spinal Drug Delivery. In Encyclopedia of Biomedical Polymers and Polymeric Biomaterials (EBPP). Taylor & Francis Group.
41. **Sciubba DM**, Zadnik P, Wasserman B, Gokaslan ZL. Tumors of the Spine. In: Khanna AJ, ed. MRI: Essentials for the Spine Surgeon. New York: Thieme.

Letters and Covers

1. Cover Illustration: **Sciubba DM**, et al. *J Neurosurg (Pediatrics 2)*. 103: 131-136, August 2005.
2. **Sciubba DM**, Jallo GI. Neurosurgical Forum, Letters to the Editor. *J Neurosurg: Pediatrics*. February 2006 Volume 104 Number 2.
3. Cover Image: **Sciubba DM**, et al. *J Neurosurg (2 Suppl Pediatrics)* 105:134-139, August 2006.
4. Cover Illustration: Kretzer RM, **Sciubba DM**, et al. *J Neurosurg, Spine*. December 2006.
5. Cover Illustration: Wolinsky JP, **Sciubba DM**, et al. *J Neurosurg, Spine*. February 2007.
6. Cover Illustration: **Sciubba DM**, et al. *J Neurosurg, Pediatrics*. May 2007.
7. Cover Illustration: Gallia GL, **Sciubba DM**, et al. *J Neurosurg, Spine*. July 2007.
8. **Sciubba DM**, Gokaslan ZL. Comments for article: Youssef AS, Guiot B, Black K, Sloan AE. Modifications of the Transoral Approach to the Craniovertebral Junction: Anatomical Study and Clinical Correlations. *Neurosurgery*. 62:1 March 2008.

9. **Sciubba DM**, Jallo GI. Neurosurgical Forum, Letters to the Editor. *J Neurosurg: Pediatrics*. 2008 July;1(6):95-6.
10. Cover Illustration: Noggle JC, **Sciubba DM**, et al. *Neurosurg Focus*. June 2008.
11. **Sciubba DM**, Gokaslan ZL. Book Review for: Tumors of the Spine. Daniel H. Kim, Ung-Kyu Chang, Se-Hoon Kim, Mark H. Bilsky. Philadelphia: Elsevier Saunders, 2008, 707 pp, illus. ISBN 978-1-4160-3367-7. Price: \$269.00. *J Neurosurg* 110:396-397, 2009.
12. **Sciubba DM**, Chaichana KL, Gokaslan ZL. Editorial Response. *J Neurosurg Spine*. July 2008.
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14. **Sciubba DM**. Genes responsible for metastatic spread to the brain. *Neurosurgery*. 2009 Jul;65(1):N15-N16.
15. **Sciubba DM**, Gokaslan ZL. Spinal Metastatic Disease. *Spinal News*. November 2009.
16. Cover Illustration: Gallia GL, Suk I, Witham TF, Gearhart SL, Black JH 3rd, Redett RJ, **Sciubba DM**, Wolinsky JP, Gokaslan ZL. Lumbopelvic reconstruction after combined L5 spondylectomy and total sacrectomy for en bloc resection of a malignant fibrous histiocytoma. *Neurosurgery*. 2010 Aug;67(2):E498-502.
17. **Sciubba DM**. Book Review for: Controversies in Spine Surgery. Alex Vaccarro, Jason Eck. New York, NY: Thieme Medical Publishers. 304 pp, 2010. 978-160-406-2397. Price: \$139.95. *J Neurosurg* 114:1818, June 2011.
18. Zadnik P, **Sciubba DM**. Editorial Response. *J Neurosurg Spine*. December 2012.

Non-Peer-Reviewed Publications

1. **Sciubba, DM**, Gerstner, ER. Case of the month: Ten-Year-Old Boy with Recurrent Parotid Swelling. *Office and Emergency Pediatrics*. Vol 13, No.5/6, 2000.
2. **Sciubba DM**. Clinical Approach to the Diagnosis and Treatment of Obstructive Sleep Apnea at the Zuni Hospital. *P&S Medical Review*. Volume 8, No.2, Spring 2002.
3. **Sciubba DM**, Witham TF, Gokaslan ZL. Management of Metastatic Spine Disease with Spinal Cord Compression. *Neurosurgery Quarterly*. Volume 17, No. 1, March 2007.
4. **Sciubba DM**, Witham TF, Gokaslan ZL. Management of Metastatic Spine Disease with Spinal Cord Compression. *Contemporary Spine Surgery*. Volume 9, No. 3, March 2008.
5. **Sciubba DM**, Witham TF, Gokaslan ZL. Management of Metastatic Spine Disease with Spinal Cord Compression. *Contemporary Neurosurgery*. Volume 30, No. 7, April 2008.
6. Petteys RJ, **Sciubba DM**, Gokaslan ZL. Surgical Management of Metastatic Spine Disease. *Spine Seminars*. 2009
7. Yoon BC, Molina CA, Gokaslan ZL, **Sciubba DM**. Metastatic spine disease: complications in the elderly patient. *Future Medicine, Aging Health*. 2011 June.
8. Clarke MJ, Yassari R, **Sciubba DM**, Rose P, Dekutoski MB. Percutaneous instrumentation in pathologic vertebral fractures. *US Oncology & Hematology*. Sept 2011.

9. Chaichana KL, Garza-Ramos R, **Sciubba DM**, Gokaslan ZL, Baaj AA. Minimally invasive percutaneous pedicle screw fixation for thoracolumbar spine fractures: Case report and review of the literature. *Submitted to **Minimally Invasive Surgery** 1/24/2012.*
10. Moses ZB, Mayer RR, Kretzer RM, **Sciubba DM**, Bydon A, Witham TF, Wolinsky JP, Gokaslan ZL, Baaj AA. Neuronavigation in minimally invasive spine surgery. *Submitted to **Minimally Invasive Surgery** 1/24/2012.*

Other Media

Webinars

1. **Sciubba DM**. Moderator for Congress of Neurological Surgeons (CNS) Webinar: “Metastatic Spine Disease – Surgery versus IMRT.” April 4, 2011.
1. **Sciubba DM**. VuMedi Most Complex Spine Case Webinar. November 12, 2012.

Mass Media/Lay Press

1. Fabian, K. “Less is more for patients who need spine surgery.” *Johns Hopkins Bayview Health and Wellness News. Spring 2010/Volume 26, No.2.*
2. **Sciubba, DM**. “Advancements in the treatment of spinal disease with minimally invasive spine surgery.” Johns Hopkins University Media. *March 23, 2010, Towson, Maryland.*
3. **Sciubba, DM**. “Back and neck pain...What are my options?” WBAL-TV Sunday AM News (NBC local affiliate). April 4, 2010, Baltimore, Maryland.
4. **Sciubba, DM**. “Back Pain.” “Dr. Oz Show.” ABC, New York, NY. September 8, 2010.
5. **Sciubba, DM**. “Back and neck pain.” WMAR-TC Good Morning Maryland (GMM). (ABC local affiliate). November 8, 2010. Baltimore, Maryland.

Invited Oral Presentations at Scientific Meetings

1. **Sciubba DM**, Siegelbaum, SA. Identification of amino acids required for activation of cyclic nucleotide-gated channel. *Howard Hughes Medical Institute Meeting of Medical Student Fellows.* May 2000. Chevy Chase, Maryland.
2. **Sciubba DM**, Siegelbaum SA. Identification of amino acids required for activation of cyclic nucleotide-gated channels. *Dean’s Day for Research, Columbia University.* May 2000. New York, New York.
3. **Sciubba DM**, Stuart RM, McGirt MJ, Woodworth GF, Samdani AF, Carson B, Jallo GI. Antibiotic-impregnated shunt catheters decrease the incidence of shunt infection in the treatment of hydrocephalus. *AANS Section Meeting on Pediatric Neurosurgery. San Francisco. Dec 2004.*
4. McGirt MJ, Woodworth GF, Stewart RM, **Sciubba DM**, Carson B, Samdani A, Jallo G. Adjustable versus set-pressure valves decrease the risk of proximal shunt obstruction despite similar revision rates for the treatment of pediatric hydrocephalus. *CNS Meeting. Boston. October 2005.*

5. **Sciubba DM**, McGirt MJ, Woodworth GF, Carson B, Jallo GI. Prolonged exposure to antibiotics from antibiotic-impregnated shunt catheters does not increase incidence of late shunt infections. *CNS Meeting, Chicago, IL, October 2006*
6. **Sciubba DM**, Noggle JC, Marupudi NI, Bookland M, Bagley CA, Ain MC, Carson BS, Jallo GI. Outcomes of Spinal Stenosis Surgery in Pediatric Achondroplasia Patients. *AANS Section Meeting for Pediatric Neurosurgery 2006, Denver, CO.*
7. **Sciubba DM**, Noggle JC, Carson BS, Jallo GI. Antibiotic Impregnated Shunt (AIS) Use in the Treatment of Infantile Hydrocephalus. *AANS Section Meeting for Pediatric Neurosurgery 2006, Denver, CO.*
8. **Sciubba DM**, Noggle JC, Marupudi N, Bagley CA, Bookland M, Carson BS, Ain M, Jallo GI. Outcomes of Spinal Stenosis Surgery in Pediatric Achondroplasia Patients. *23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March, 2007, Phoenix, Arizona.*
9. **Sciubba DM**, Shehadi J, Suki D, McCutcheon IE, Rhines LD, Gokaslan ZL. Positive and Negative Prognostic Variables for Patients Undergoing Spine Surgery for Metastatic Breast Disease. *23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March, 2007, Phoenix, Arizona.*
10. **Sciubba DM**, McGirt MJ, Woodworth GF, Wolinsky JP, Jallo GI, Gokaslan ZL. Predictors of cervical instability requiring fusion after cervical laminectomy for intradural tumor resection. *23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March, 2007, Phoenix, Arizona.*
11. Pennant W, **Sciubba DM**, Tamargo R, Jallo GI. Microsurgical removal of intramedullary spinal cord gliomas in a rat spinal cord decreases onset to paresis, an animal model for intramedullary tumor treatment. *Southern Neurosurgical Society Meeting. March, 2007, GA, 3/07.*
12. **Sciubba DM**, Pennant W, Tyler BM, DeWeese TL, Jallo GI. Short Inhibitory RNA (siRNA) to DNA-PK Leads to Decreased Protein Levels in 9L Gliosarcoma Cells, a Potential Technique for Radiation-Sensitization of Glial Tumors. *Southern Neurosurgical Society Meeting. March, 2007, GA, 3/07.*
13. **Sciubba DM**, Pennant WA, Murphy KP, Gokaslan ZL, Burdette EC. Percutaneous CT-guided conformal ultrasonic ablation of vertebral tumors using a rabbit tumor model. *5th Annual AOSpine North America (AOSNA) Spine Fellows Forum. March 2007, Banff, Alberta, Canada.*
14. Bydon A, Gok B, **Sciubba DM**, Gokaslan ZL, Witham TF. Development of a systematic algorithm for the surgical treatment of cervical spondylotic myelopathy and review of patient outcomes. *5th Annual AOSpine North America (AOSNA) Spine Fellows Forum. March 2007, Banff, Alberta, Canada.*
15. Pennant WA, **Sciubba DM**, Tamargo R, Tyler BM, Jallo GI. Microsurgical removal of intramedullary spinal cord gliomas in a rat spinal cord decreases onset to paresis, an animal model for intramedullary tumor treatment. *2nd International Meeting, Updates in Neuro-oncology. Society of Italian Neurosurgery. Arezzo, Italy. June 28-30, 2007.*
16. **Sciubba DM**, Pennant W, Tyler BM, DeWeese TL, Jallo GI. Short Inhibitory RNA (siRNA) to DNA-PK Leads to Decreased Protein Levels in 9L Gliosarcoma Cells, a Potential Technique for Radiation-Sensitization of Glial Tumors. *2nd International Meeting, Updates in Neuro-oncology. Society of Italian Neurosurgery. Arezzo, Italy. June 28-30, 2007.*
17. Woodworth GF, McGirt MJ, Chaichana K, **Sciubba DM**, Suk I, Jallo GI, Gokaslan ZL, Wolinsky JP, Witham T. Preoperative hyperglycemia is an independent risk factor for decreased

- neurological function after resection of intra-medullary spinal cord tumors. *CNS Meeting. San Diego, CA, 2007.*
18. McLoughlin G, **Sciubba DM**, Wolinsky JP, Bydon A, Gokaslan ZL, Witham TF. Postoperative infection of the instrumented spine: a review of 1,351 procedures over 5 years. *CNS Meeting. San Diego, CA, 2007.*
 19. **Sciubba DM**, Marupudi N, Bagley CA, Bookland M, Carson BS, Ain M, Jallo GI. Outcomes of Spinal Stenosis Surgery in Pediatric Anchondroplasia Patients. *35th Meeting of the International Society for Pediatric Neurosurgery (ISPN). Liverpool, UK, September 9-13, 2007.*
 20. **Sciubba DM**, McGirt MJ, Woodworth GF, Carson B, Jallo GI. Prolonged exposure to antibiotics from antibiotic-impregnated shunt catheters does not increase incidence of late shunt infections. *35th Meeting of the International Society for Pediatric Neurosurgery (ISPN). Liverpool, UK, September 9-13, 2007.*
 21. **Sciubba DM**, Vellimana A, Noggle JC, Woodworth GF, Gailloud P, Jallo GI. Incidence and natural history of aneurysms associated with arteriovenous malformations in children. *36th Annual Meeting of the AANS/CNS Section on Pediatric Neurosurgery, Miami, FL. November 2007*
 22. **Sciubba DM**, Vellimana A, Noggle JC, McLoughlin GS, Gokaslan ZG, Wolinsky JP. Radiographic and clinical evaluation of free-hand placement of C2 pars interarticularis screws. *24th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March, 2008, Orlando, FL.*
 23. **Sciubba DM**, Murphy KP, Pennant WA, Noggle JC, Fichtinger G, Alix C, Gokaslan ZL, Burdette EC. Percutaneous CT-guided conformal ultrasonic ablation of vertebral tumors using a rabbit tumor model. *24th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March, 2008, Orlando, FL.*
 24. Chaichana KL, Woodworth GF, **Sciubba DM**, McGirt MJ, Bydon A, Gokaslan ZL. Predictors of ambulatory function following decompressive surgery for metastatic epidural spinal cord compression. *24th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 2008, Orlando, FL.*
 25. **Sciubba DM**, Ayhan S, Nelson C, Noggle JC, Wolinsky JP, Witham TW, Bydon A, Gokaslan ZL. Transthoracic surgical treatment for centrally located thoracic disc herniations causing myelopathy: a five-year institutional experience. *24th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March, 2008, Orlando, FL.*
 26. **Sciubba DM**, Nelson C, McGirt MJ, Noggle JC, Woodworth GF, Chaichana K, Wolinsky JP, Gok B, Gokaslan ZL. Surgical outcome in patients undergoing resection of sacral tumors. *24th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March, 2008, Orlando, FL.*
 27. **Sciubba DM**, Nelson C, McLoughlin GS, Wolinsky JP, Gokaslan ZL. Evaluation of risk factors for infection following sacral tumor resection: a five-year institutional experience. *8th Annual Meeting of the Canadian Spine Society (CSS), March 2008, British Columbia, Canada.*
 28. Hsieh PC, Xu R, McGirt MJ, **Sciubba DM**, Nelson C, Wolinsky JP, Gokaslan ZL. Long term clinical outcomes following attempted en bloc resections for malignant primary sacral tumors. *SRS Meeting, October 2008, Salt Lake City, Utah.*
 29. Asghar J, **Sciubba DM**, Samdani AF, Cahill PJ, Clements DH, Antonacci MD, Betz RR. The majority of initial coronal imbalance following fusion surgery for AIS improves within 6 months. *SRS Meeting, October 2008, Salt Lake City, Utah.*

30. Asghar J, Samdani AF, **Sciubba DM**, Clements DH, Cahill PJ, Antonacci MD, Betz RR. Surgical Trunk Rotation correction in patients with moderate thoracic AIS (< 75 deg): an all pedicle screw construct with derotation is better than thoracoplasty. *NASS, October 2008, Toronto, Canada.*
31. Blakeley J, Nelson C, Dorsi M, Belzberg A, **Sciubba DM**. Surgical approach and outcome in patients with malignant peripheral nerve sheath tumors in patients with and without Neurofibromatosis Type 1. *Children's Tumor Foundation Meeting, June 2008, Bonita Springs, FL.*
32. Gok B, McGirt MJ, **Sciubba DM**, Garces-Ambrossi GL, Nelson C, Noggle JC, Bydon A, Witham TF, Wolinsky JP, Gokaslan ZL. Adjuvant treatment with locally delivered Oncogel delays the onset of paresis after surgical resection or radiotherapy of experimental spinal column metastasis. *CNS Meeting, October 2008, Orlando, FL.*
33. **Sciubba DM**, Nelson C, Dorsi M, McGirt MJ, Belzberg AJ, Blakeley J. Surgical approach and outcome in patients with malignant peripheral nerve sheath tumors, a 25-year institutional review. *CNS Meeting, October 2008, Orlando, FL.*
34. Williams BJ, Fox B, **Sciubba DM**, Suki D, Tu SM, Gokaslan ZL, Rhines L, Rao G. Surgical treatment of prostate cancer metastases to the spine. *CNS Meeting, October 2008, Orlando, FL.*
35. **Sciubba DM**, Noggle JC, Vellimana AK, Woodworth GF, Jallo GI. Incidence and natural history of aneurysms associated with arteriovenous malformations in children. *Submitted to 36th Annual Meeting of ISPN, October 2008, Cape Town, South Africa.*
36. **Sciubba DM**, Noggle JC, Nelson C, Ain MC, Sponseller P, Jallo GI. Pediatric patients with occipitocervical instability treated with fusion: a ten-year institutional experience. *Submitted to 36th Annual Meeting of ISPN, October 2008, Cape Town, South Africa.*
37. Garces-Ambrossi GL, Parker SL, McGirt MJ, Mehta VA, **Sciubba DM**, Witham TF, Gokaslan ZL, Wolinsky JP. Trans-laminar versus pedicle screw fixation of C2: Comparison of surgical morbidity and analysis of 313 consecutive screws. *36th Annual CSRS Meeting, December 2008, Austin, TX.*
38. Garces-Ambrossi GL, McGirt MJ, **Sciubba DM**, Witham TF, Bydon A, Wolinsky JP, Jallo GI, Gokaslan ZL. Factors associated with progression-free survival and long-term neurological outcome after resection of intramedullary spinal cord tumors in adults: Analysis of 101 consecutive cases. *36th Annual CSRS Meeting, December 2008, Austin, TX.*
39. McGirt MJ, Garces-Ambrossi GL, **Sciubba DM**, Bydon A, Wolinsky JP, Witham TF, Gokaslan ZL, Jallo GI. Spinal deformity following laminoplasty versus laminectomy for resection of intradural spinal tumors: Analysis of 238 patients. *36th Annual CSRS Meeting, December 2008, Austin, TX.*
40. Attenello F, Garcés-Ambrossi GL, **Sciubba DM**, Ahn E, Carson BS, Weingart JD, Jallo GI. Medical Costs associated with Shunt Infections in patients receiving Antibiotic-Impregnated Shunts versus Standard Shunt Catheters. *36th Annual Meeting of the AANS/CNS Section on Pediatric Neurosurgery, December 2008, Miami, Florida.*
41. Attenello F, Parker SL, Garcés-Ambrossi GL, **Sciubba DM**, Ahn E, Weingart JD, Carson BS, Jallo GI. Antibiotic-impregnated versus standard shunt systems are associated with decreased shunt infection in high-risk patient subgroups. *36th Annual Meeting of the AANS/CNS Section on Pediatric Neurosurgery, December 2008, Miami, Florida.*
42. Attenello F, Parker SL, Garcés-Ambrossi GL, **Sciubba DM**, Ahn E, Weingart JD, Carson BS, Jallo GI. Antibiotic-impregnated versus standard shunt systems are associated with decreased

- shunt infection in high-risk patient subgroups. *Annual Meeting of the AANS, May 2009, San Diego, California.*
43. Attenello F, Garcés-Ambrossi GL, **Sciubba DM**, Ahn E, Carson BS, Weingart JD, Jallo GI. Medical Costs associated with Shunt Infections in patients receiving Antibiotic-Impregnated Shunts versus Standard Shunt Catheters. *Annual Meeting of the AANS, May 2009, San Diego, California.*
 44. **Sciubba DM**, McLoughlin G, McGirt MJ, Bettegowda C, Jagannathan J, Fourney DR, Gokaslan ZL, Wolinsky JP, Witham TF. Postoperative infection of the instrumented spine: a review of 1,351 procedures over 5 years. *25th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 2009, Phoenix, Arizona.*
 45. Gok B, McGirt MJ, **Sciubba DM**, Garcés-Ambrossi GL, Nelson C, Noggle JC, Bydon A, Witham TF, Wolinsky JP, Gokaslan ZL. Adjuvant treatment with locally delivered Oncogel delays the onset of paresis after surgical resection or radiotherapy of experimental spinal column metastasis. *25th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 2009, Phoenix, Arizona.*
 46. McGirt MJ, Gok B, **Sciubba DM**, Shepherd S, Noggle JC, Garcés-Ambrossi GL, Bydon A, Witham TF, Gokaslan ZL, Wolinsky JP. Effect of hyperglycemia on progressive paraparesis in a rat metastatic spine tumor model. *25th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 2009, Phoenix, Arizona.*
 47. Hsieh PC, Xu R, **Sciubba DM**, McGirt MJ, Witham TF, Wolinsky JP, Gokaslan ZL. Wide and marginal en bloc resection of sacral chordoma and chondrosarcoma significantly improves disease-free survival: A study of 20 consecutive patients with 4-year follow-up. *25th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 2009, Phoenix, Arizona.*
 48. Samdani AF, Asghar J, **Sciubba DM**, Cahill PJ, Clements DH, Antonacci MD, Betz RR. The majority of initial coronal imbalance following fusion surgery for AIS improves within 6 months. *25th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 2009, Phoenix, Arizona.*
 49. McGirt MJ, Garcés-Ambrossi GL, Samuels R, **Sciubba DM**, Witham TF, Bydon A, Gokaslan ZL, Jallo GI. Neurological outcome after surgical management of adult tethered cord syndrome. *25th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 2009, Phoenix, Arizona.*
 50. Hsieh PC, Gallia GL, **Sciubba DM**, Wolinsky JP, Gokaslan ZL. En-bloc excision of chordomas in the cervical spine: Review of 5 consecutive cases with over 4-year follow up. *44th Annual Meeting of the Scoliosis Research Society, September 2009, San Antonio, Texas.*
 51. McGirt MJ, Garcés-Ambrossi GL, Parker S, **Sciubba DM**, Bydon A, Wolinsky JP, Gokaslan ZL, Jallo GI, Witham TF. Progressive spinal deformity following laminoplasty versus laminectomy for resection of intradural spinal tumors: Analysis of 238 patients. *NASS 24th Annual Meeting, November 2009, San Francisco. California.*
 52. McGirt MJ, Parker SL, Garcés-Ambrossi GL, Mehta VA, **Sciubba DM**, Witham TF, Gokaslan ZL, Bydon A, Wolinsky JP. Trans-laminar versus pedicle screw fixation of C2: Comparison of surgical morbidity and analysis of 313 consecutive screws. *NASS 24th Annual Meeting, November 2009, San Francisco. California.*
 53. McGirt MJ, Sutter EG, Xu R, **Sciubba DM**, Wolinsky JP, Witham TF, Gokaslan ZL, Bydon A. Biomechanical comparison of translaminar versus pedicle screws at T1 and T2 in long subaxial cervical constructs. *NASS 24th Annual Meeting, November 2009, San Francisco. California.*

54. **Sciubba DM**, Noggle JC, Pennant WA, Zhang Y, Tyler B, DeWeese TL, Gokaslan ZL. Small-Inhibitory RNA (siRNA)-Mediated Silencing of DNA-PK leads to Decreased Protein Levels and Increased Cell Kill in Breast Cancer Cells. A Potential Technique for Radiation-sensitization of Metastatic Breast Cancer. *NASS 24th Annual Meeting, November 2009, San Francisco, California.*
55. **Sciubba DM**, Dato G, Petteys RJ, Vellimana AK, Noggle JC, Buis DR, Jallo GI. The Incidence and Natural History of Aneurysms in Pediatric Arteriovenous Malformations. *CNS Annual Meeting, October 2009, New Orleans, Louisiana.*
56. Bydon M, McGirt MJ, Liauw J, Chaichana KL, Attenello F, **Sciubba DM**, Bydon A, Gokaslan ZL, Wolinsky JP. Endoscopic transcervical odontoidectomy for pediatric basilar invagination and cranial settling. *CNS Annual Meeting, October 2009, New Orleans, Louisiana.*
57. Bydon M, McGirt MJ, Garces-Ambrossi GL, **Sciubba DM**, Witham TF, Wolinsky JP, Gokaslan ZL, Bydon A. Recurrent lumbar disc herniation after single-level lumbar discectomy: Incidence and health care cost analysis. *CNS Annual Meeting, October 2009, New Orleans, Louisiana.*
58. Parker S, McGirt MJ, Garces-Ambrossi GL, Bydon M, **Sciubba DM**, Witham TF, Bydon A, Wolinsky JP, Jallo G, Gokaslan ZL. Factors associated with long-term neurological outcome and tumor progression after resection of intramedullary spinal cord tumors: Analysis of 101 consecutive cases. *CNS Annual Meeting, October 2009, New Orleans, Louisiana.*
59. Parker S, McGirt MJ, Mehta V, Bydon M, **Sciubba DM**, Bydon A, Witham TF, Gokaslan ZL, Wolinsky JP. Trans-laminar versus pedicle screw fixation of C2: Comparison of surgical morbidity and analysis of 313 consecutive screws. *CNS Annual Meeting, October 2009, New Orleans, Louisiana.*
60. Parker S, McGirt MJ, Amin A, Farber SH, Bydon A, **Sciubba DM**, Wolinsky JP, Gokaslan ZL, Witham TF. The accuracy of intraoperative electromyographic monitoring to determine the presence of malpositioned pedicle screws in the lumbosacral spine: An analysis of 2450 consecutive screws. *26th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, February 2010, Orlando, Florida.*
61. Parker S, McGirt MJ, Amin A, Farber SH, Rick AM, Bydon A, **Sciubba DM**, Wolinsky JP, Gokaslan ZL, Witham TF. Accuracy of free hand pedicle screws in the thoracic and lumbar spine: analysis of 6,816 consecutive screws. *26th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, February 2010, Orlando, Florida.*
62. Richman J, Defontes K, Zaidi H, Flerlage T, Molinia CA, Hsu W, Bydon A, Gokaslan ZL, Witham TF, Wolinsky JP, **Sciubba DM**. C5 radiculopathy as a complication of cervical spine surgery. *26th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, February 2010, Orlando, Florida.*
63. Xu R, McGirt MJ, Sutter EG, Parker S, **Sciubba DM**, Wolinsky JP, Witham TF, Gokaslan ZL, Bydon A. Biomechanical comparison of C7 lateral mass vs. pedicle screws in subaxial cervical constructs. *26th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, February 2010, Orlando, Florida.*
64. Molina CA, Flerlage T, Richman J, Hsu W, Gregory A, Gokaslan ZL, Bydon A, Witham TF, Wolinsky JP, **Sciubba DM**. Evaluating the effects of rhBMP-2 on an intravertebral human breast adenocarcinoma rat model. *26th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, February 2010, Orlando, Florida.*
65. Hsu W, Richman J, Flerlage T, Armour M, Redmond K, Kleinberg L, Ford E, Lim M, Gokaslan ZL, **Sciubba DM**. Stereotactic radiosurgery delays paraparesis in an animal model of metastatic

- epidural spinal cord compression. *26th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, February 2010, Orlando, Florida.*
66. Molina CA, Hsu W, Gregory A, Flerlage T, Richman J, Thurston J, Gorbounov M, Gokaslan ZL, Bydon A, Witham TF, Wolinsky JP, **Sciubba DM**. Development of a novel intravertebral human breast adenocarcinoma rat model for the study of intravertebral metastatic spine disease. *26th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, February 2010, Orlando, Florida.*
 67. Flerlage T, Richman J, Molina CA, Hsu W, Ford E, Lim M, Gokaslan ZL, Bydon A, Witham TF, Wolinsky JP, **Sciubba DM**. Treatment of intramedullary spinal cord tumors with stereotactic radiosurgery. *26th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, February 2010, Orlando, Florida.*
 68. **Sciubba DM**. Use of locally delivered BMP-7 in a spine tumor using a metastatic rat spine tumor model. NREF Fellows Forum. *28th AANS Meeting. Philadelphia, Pennsylvania. May 4, 2010.*
 69. **Sciubba DM**. En bloc resection for solitary spinal metastasis. *CSSG Bi-annual meeting. Washington, DC. August 6, 2010.*
 70. Molina CA, Sarabia-Estrada R, Gokaslan ZL, **Sciubba DM**. Development of a novel intravertebral human breast adenocarcinoma rat model for the study of intravertebral metastatic spine disease. *NASS 25th Annual Meeting, October 2010, Orlando, Florida.*
 71. Richman J, DeFontes K, Zaidi H, Molina CA, Hsu W, Bydon A, Gokaslan ZL, Witham TF, Wolinsky JP, **Sciubba DM**. C5 radiculopathy as a complication of cervical spine surgery. *NASS 25th Annual Meeting, October 2010, Orlando, Florida.*
 72. Kretzer, RM, Hu, N, Umekoji, H, **Sciubba, DM**, Jallo, GI, McAfee, PC, Tortolani, PJ, Cunningham, BW. The Effect of Spinal Instrumentation on Kinematics at the Cervicothoracic Junction: Emphasis on Soft Tissue Response Using an In-Vitro Human Cadaveric Model. *Cervical Spine Research Society (CSRS) Annual Meeting. Charlotte, North Carolina, December 2-4, 2010.*
 73. Molina CA, Sarabia-Estrada R, Panayotova G, Aguilera A, Gokaslan ZL, Wolinsky JP, Bydon A, **Sciubba DM**. In situ placement of high-dose rhBMP-2 within spine tumors slows tumor growth and decreases onset to paralysis in a rat model of metastatic breast cancer. *27th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
 74. Molina CA, Gokaslan ZL, Witham TF, Bydon A, Wolinsky JP, **Sciubba DM**. The impact of surgeon professional fees to the national cost of healthcare. *27th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
 75. Parker SL, Amin A, Bydon A, **Sciubba DM**, Wolinsky JP, Gokaslan ZL, Witham TF. Incidence of vascular encroachment resulting from free hand placement of pedicle screws in the thoracic and lumbar spine: analysis of 6,816 consecutive screws. *27th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
 76. Clarke MJ, **Sciubba DM**, McGirt MJ, Witham TF, Bydon A, Hsieh PC, Gokaslan ZL, Wolinsky JP. Clinical outcomes following en bloc sacrectomies via posterior approach. *27th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
 77. Dasenbrock HH, Clarke MJ, Bydon A, Witham TF, **Sciubba DM**, Simmons OP, Gokaslan ZL, Wolinsky JP. Reconstruction of extensive defects from posterior en bloc resection of sacral tumors using human acellular dermal matrix and gluteus maximus myocutaneous flaps. *27th Annual*

- Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
78. **Sciubba DM**, Molina CA, Gokaslan ZL, Chou D, Wolinsky JP, Witham TF, Bydon A, Ames CP. En bloc resection of cervical chordomas: Series of 12 patients and clinical outcomes. *27th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
 79. Molina CA, Chaput C, **Sciubba DM**, Tortolani PJ, Jallo GI, Kretzer RM. Assessment of thoracic laminar dimensions in a pediatric population: A CT-based feasibility study for pediatric translaminar screw placement. *27th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
 80. Dasenbrock HH, Witham TF, **Sciubba DM**, Gokaslan ZL, Bydon A. The impact of weekend hospital admission on the timing of intervention and outcomes after surgery for acute spinal cord injury in the United States, 2005-2008. *27th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
 81. Dasenbrock HH, Clarke MJ, Bydon A, **Sciubba DM**, Witham TF, Gokaslan ZL, Wolinsky JP. Endoscopic image-guided transcervical odontoidectomy: Long-term outcomes of 15 patients with basilar invagination. *27th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2011, Phoenix, Arizona.*
 82. **Sciubba DM**. Minimally Invasive Complications. *AANS Section of Disorders of Spine and Peripheral Nerves. Phoenix, AZ. March 2011.*
 83. **Sciubba DM**. Evolution of Treatment for Metastatic Disease. "The future: animal models/Technology/Biologic Strategies." *AANS Section of Disorders of Spine and Peripheral Nerves. Phoenix, AZ. March 2011.*
 84. Dasenbrock H, **Sciubba DM**, Witham TF, Gokaslan ZL Bydon A. Disparities based on race or ethnicity in the outcomes after surgery for metastatic spine disease in the United States, 2005-2008. *Annual Meeting of the AANS. April 9-13, 2011. Denver, Colorado.*
 85. **Sciubba DM**. "Complications Avoidance in Spinal Surgery: Incidence, Avoidance and Treatment." *Congress of Neurological Surgeons (CNS) Annual Meeting. Washington, DC. October 4, 2011.*
 86. Molina C, **Sciubba DM**, Gokaslan ZL, Chou D, Wolinsky JP, Witham TW, Bydon A, Ames C. En bloc resection of cervical chordomas: comparing outcomes to tumor position. *North American Spine Society 26th Annual Meeting. November 2-5, 2011. Chicago, Illinois.*
 87. Molina C, Sarabia-Estrada R, Gokaslan ZL, Wolinsky JP, Bydon A, **Sciubba DM**. In situ placement of high-dose rhBMP-2 within spine tumors slows tumor growth and decreases onset to paralysis in a rat model of metastatic breast cancer. *North American Spine Society 26th Annual Meeting. November 2-5, 2011. Chicago, Illinois.*
 88. Molina C, Gokaslan ZL, Witham TF, Bydon A, Wolinsky JP, **Sciubba DM**. The impact of surgeon professional fees to the national cost of healthcare. *North American Spine Society 26th Annual Meeting. November 2-5, 2011. Chicago, Illinois.*
 89. Bydon A, Dasenbrock H, **Sciubba DM**, Gokaslan ZL. Disparities based on race or ethnicity in the outcomes after surgery for metastatic spine disease in the United States, 2005-2008. *North American Spine Society 26th Annual Meeting. November 2-5, 2011. Chicago, Illinois.*
 90. Sarabia-Estrada R, Molina CA, Jimenez-Estrada I, Gokaslan ZL, Witham TF, Wolinsky JP, Bydon A, **Sciubba DM**. Human prostate adenocarcinoma rat model for the study of intravertebral

metastatic disease. *16TH Annual Scientific Meeting & Education Day of the Society for Neuro-Oncology. November 17-20, 2011. Orange Co, CA.*

91. Ghogawala Z, Shaffrey CI, Asher AL, Malhotra NR, Dante S, Hurlbert RJ, Douglas AF, Magge SN, Mummaneni PV, Cheng JS, Smith JS, Kaiser MG, Heary RF, Abbed KM, **Sciubba DM**, Resnick DK. The design and development of the Neuropoint SD spine registry for lumbar discectomy and single level fusion for spondylolithesis. *28th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2012, Orlando, Florida.*
92. Zadnik PL, Sarabia-Estrada R, Groves ML, Bydon A, Gokaslan ZL, Wolinsky JP, Witham TF, **Sciubba DM**. Characterization of a novel metastatic human breast adenocarcinoma rat model using intracardiac injection and bioluminescence. *28th Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves, March 2012, Orlando, Florida.*
93. Zadnik PL, Molina CA, Groves ML, Sarabia-Estrada R, Wabler M, Mihalic Jana, McCarthy E, Ivkov R, **Sciubba DM**. Nanoparticle mediated thermoablation in tumors of the spinal column in a rat model of metastatic breast cancer. *27th Annual Meeting of NASS. October 24th, 2012, Dallas, Texas.*

Teaching

Course Director

CME-accredited courses

1. **Sciubba DM**. Johns Hopkins Complex Spine Workshop. Baltimore, MD. September 8-10, 2011.
2. **Sciubba DM**. 2nd Annual Johns Hopkins Complex Spine Workshop. Baltimore, MD. September 14-15, 2012.
3. **Sciubba DM**. Johns Hopkins CME: Where is Spine Care Going? Strategies for the Provider, Producer and Investor. May 18, 2013.
4. **Sciubba DM**. 3rd Annual Johns Hopkins Complex Spine Workshop. Baltimore, MD. September 6-7, 2013.

Course and Seminar Instructor/Faculty

CME-accredited courses

1. **Sciubba DM**. "Spine Terminology." AOSpine OR Personnel Course. Philadelphia, PA. November 11-12, 2006.
2. **Sciubba DM**. "Management of the Cervical Spine: Degenerative Disease and Trauma." AOSpine OR Personnel Course. Philadelphia, PA. November 11-12, 2006.
3. **Sciubba DM**. "Cranial Trauma." Judges' Neuroscience Conference. Baltimore, MD. October 5-6, 2007.
4. **Sciubba DM**. "Lumbar Spine Anatomy." AOSpine OR Personnel Course. Boston, MA. February 9-10, 2008.
5. 20th Annual International Bethesda Spine Workshop. Cervical Course Instructor. Uniformed Services University of The Health Sciences (USUHS). Bethesda, Maryland. April 11-12, 2008.

6. 20th Annual International Bethesda Spine Workshop. Thoraco-lumbar Course Instructor. Uniformed Services University of The Health Sciences (USUHS). Bethesda, Maryland. April 13-14, 2008.
7. 21st Annual International Bethesda Spine Workshop. Cervical Course Instructor. Uniformed Services University of The Health Sciences (USUHS). Bethesda, Maryland. April, 2009.
8. 21st Annual International Bethesda Spine Workshop. Thoraco-lumbar Course Instructor. Uniformed Services University of The Health Sciences (USUHS). Bethesda, Maryland. April, 2009.
9. **Sciubba DM.** "Bone Biology." In Breakfast Seminar, "Biologics of the Spine," 27th Annual AANS Meeting, San Diego, California. May 6, 2009.
10. **Sciubba DM.** "Succeeding During Residency." In Breakfast Seminar, "Getting the most out of your residency," 27th Annual AANS Meeting, San Diego, California. May 6, 2009.
11. **Sciubba DM.** "Natural History of Deformity." AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. May 16, 2009.
12. **Sciubba DM.** "Anterior Deformity Surgery." AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. May 16, 2009.
13. **Sciubba DM.** "Scheuermann's Kyphosis." AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. May 16, 2009.
14. **Sciubba DM.** "Trauma - Odontoid fractures type II vs type III." In Lunch Symposium, "Geriatric Spine," 25th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, February 18, 2010, Orlando, Florida.
15. **Sciubba DM.** "Vertebroplasty." Spinal Disorders: Updates in Diagnosis and Management for the Primary Care Physician. Johns Hopkins University. April 17, 2010.
16. **Sciubba DM.** "Degenerative Spondylolithesis." Spinal Disorders: Updates in Diagnosis and Management for the Primary Care Physician. Johns Hopkins University. April 17, 2010.
17. **Sciubba DM.** "Global Spinal Alignment Principles." AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. April 17, 2010.
18. **Sciubba DM.** "Anterior Deformity Surgeries." AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. April 17, 2010.
19. **Sciubba DM.** "Scheuermann's Kyphosis." AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. April 18, 2010.
20. **Sciubba DM.** "Spine Tumors." NASS Online Course – "MRI of the Spine: Essentials for the Spine Specialist" April 27, 2010.
21. **Sciubba DM.** "Occipito-cervical Junction." NASS Online Course – "MRI of the Spine: Essentials for the Spine Specialist." April 27, 2010.
22. **Sciubba DM.** "Neurosurgery 2020: A Bright New Future." Weekend Course. 28th AANS Meeting. Philadelphia, Pennsylvania. May 2, 2010.
23. **Sciubba DM.** "Succeeding in residency." Breakfast Seminar. 28th AANS Meeting. Philadelphia, Pennsylvania. May 3, 2010.

24. **Sciubba DM.** “Global Balance” In Breakfast Seminar - “Management of Adult Scoliosis.” 28th AANS Meeting. Philadelphia, Pennsylvania. May 4, 2010.
25. **Sciubba DM.** “Thoracolumbar trauma.” AOSpine OR Personnel Course. Reston, Virginia. June 12-13, 2010.
26. **Sciubba DM.** “Surgery for Removal of Spinal Metastases.” 2010 CNS Annual Meeting. October 20th, 2010, San Francisco, California.
27. **Sciubba DM.** “A Pain in the Neck.” In Johns Hopkins Course – “A Woman’s Journey.” Baltimore, Maryland. November 20, 2010.
28. **Sciubba DM.** “MIS tumor resection.” In Symposium, “Advanced MIS Techniques/Managing MIS Complications,” 27th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 10, 2010, Phoenix, Arizona.
29. **Sciubba DM.** “Trauma - Odontoid fractures type II vs type III.” In Lunch Symposium, “Geriatric Spine,” 27th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 10, 2010, Phoenix, Arizona.
30. **Sciubba DM.** Moderator for Congress of Neurological Surgeons (CNS) Webinar: “Metastatic Spine Disease – Surgery versus IMRT.” April 4, 2011.
31. **Sciubba DM.** “Optimization of Non-surgical Management.” In Practical Clinic – “Evaluation and management of degenerative deformity in the lumbar spine.” 29th AANS Meeting. Denver, Colorado. April 9, 2011.
32. **Sciubba DM.** “Management of Solitary Renal Cell Carcinoma Spinal Metastasis” In Breakfast Seminar – “Vertebral Column Tumors.” 29th AANS Meeting. Denver, Colorado. April 11, 2011.
33. **Sciubba DM.** “Anterior and Posterior Surgical Approaches to Congenital Deformities.” In Breakfast Seminar – “Treatment of Congenital Spine Deformity in Both Pediatric and Adult Patients.” 29th AANS Meeting. Denver, Colorado. April 13, 2011.
34. **Sciubba DM.** “Complication Avoidance. In Breakfast Seminar – “Management of Adult Scoliosis.” 29th AANS Meeting. Denver, Colorado. April 13, 2011.
35. **Sciubba DM.** “Lumbar Radiculopathy: Diagnosis and Treatments.” Spinal Disorders: Updates in Diagnosis and Management for the Primary Care Physician. Johns Hopkins University. May 21, 2011.
36. **Sciubba, DM.** “Recombinant Rho inhibitor (Cethrin).” In course - “Spinal Cord Injury.” The 2011 International Conference on Spinal Cord Medicine and Rehabilitation. Washington, DC. June 4, 2011.
37. **Sciubba DM.** “Presentation of a Case Study: What went wrong? How could it have been avoided? What can be done now?” In: “Complications in Spinal Surgery: Incidence, Avoidance and Treatment.” 27th Annual CNS Meeting. Washington, DC. October 4, 2011.
38. **Sciubba DM.** “Spine Tumor MRI.” In “MRI and Spinal Image Guidance.” *North American Spine Society 26th Annual Meeting. November 2, 2011. Chicago, Illinois.*
39. **Sciubba DM.** “New Frontiers in Metastatic Spine Tumors.” In Luncheon Symposium: “Spine Tumors.” 28th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 9, 2012, Orlando, Florida .

40. **Sciubba DM.** “Minimally invasive spine surgery for advanced cases of spinal deformity.” Johns Hopkins CME Lecture Series. Bethesda, Maryland. March 29, 2012, Baltimore and Bethesda
41. **Sciubba DM.** “Minimally-Invasive Spine Surgery and Degenerative Lumbar Spine Disease.” AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. March 31, 2012.
42. **Sciubba DM.** “Anterior Approaches for Deformity Surgery.” AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. March 31, 2012.
43. **Sciubba DM.** “Lateral Approaches for Deformity Surgery.” AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. March 31, 2012.
44. **Sciubba DM.** “Minimally invasive spinal deformity surgery. Is it an advance or just hype?” In Breakfast Seminar – Management of Adult Scoliosis. 30th AANS Meeting. Miami, Florida. April 16, 2012.
45. **Sciubba DM.** “Lumbar radiculopathy.” In Spinal Disorders: Updates in Diagnosis and Management for the Primary Care Physician. Johns Hopkins University CME Course. April 21, 2012.
46. **Sciubba DM.** “Management of a spine tumor of unknown primary pathology.” In Breakfast Seminar – Vertebral Column Tumors. 30th AANS Meeting. Miami, Florida. April 17, 2012.
47. **Sciubba DM,** “Vertebral artery injury and exposure.” In AOSpine Advanced Course on spinal Techniques. Chicago, Illinois. May 11-12, 2012.
48. **Sciubba DM,** “Subaxial cervical trauma.” In AOSpine Resident Course. Las Vegas, Nevada. August 17-18, 2012.
49. **Sciubba DM,** “C5-6 disc herniation with radiculopathy.” In AOSpine Resident Course. Las Vegas, Nevada. August 17-18, 2012.
50. **Sciubba DM.** “Minimally invasive treatment of spine tumors.” In 11th Annual Neuro-Oncology Updates Conference, Johns Hopkins University CME. September 20, 2012 (2:10-2:30).
51. **Sciubba DM.** “What’s new in the treatment of Spinal Metastases.” In Luncheon Seminar: “Managing Metastasis to the Spine.” 28th Annual CNS Meeting. Chicago, Illinois. October 10, 2012.
52. **Sciubba DM.** “Metastatic Spine Disease.” In: “Spine Tumors.” AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, Arizona. March 9, 2013.
53. **Sciubba DM.** “Coronal Deformity.” AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. March 22, 2012.
54. **Sciubba DM.** “Anterior Approaches for Deformity Surgery.” AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. March 22, 2012.
55. **Sciubba DM.** “Scheremann’s Kyphosis.” AANS Spinal Deformity Course for Senior Residents. Vista Lab, Baltimore, Maryland. March 23, 2012.
56. **Sciubba DM.** “Minimally Invasive Spine Surgery.” In: “23rd Annual Updates in Neurology.” JHU CME. Baltimore, Maryland. March 30, 2013.
57. **Sciubba DM.** “Lumbar Radiculopathy: Diagnosis and Treatments.” Spinal Disorders: 4th Annual Updates in Diagnosis and Management for the Primary Care Physician. Johns Hopkins University. April 13, 2013.

58. **Sciubba DM**, “Lumbar Degenerative Disease.” In AOSpine Advanced Course on spinal Techniques. Las Vegas, Nevada. April 19, 2013.
59. **Sciubba DM**. “Minimally Invasive Surgery for Spinal Deformity” In Breakfast Seminar – “Management of Adult Scoliosis.” 31st AANS Meeting. April 30, 2013.
60. **Sciubba DM**. “Management of Metastatic Spine Disease.” In Breakfast Seminar – “Vertebral Tumors.” 31st AANS Meeting. May 1, 2013.

CLINICAL ACTIVITIES

Certification

Licensure

Maryland Board of Physicians
 Maryland CDS License
 Federal DEA License

Board Certification

American Board of Neurological Surgeons - Diplomate

Editorial Activities

Editorial Board

1/2007- present Southern Medical Journal

5/2009-present Congress Quarterly

Journal Peer Reviewer – Ad Hoc

1/2007-present Southern Medical Journal.

7-2007-present International Journal of Biomedical Science.

1/2008-present Clinical Infectious Diseases.

8/2008-present Journal of Pediatric Infectious Diseases.

10/2008-present International Journal of Computer Assisted Radiology and Surgery.

7/2009-present Neurosurgery’s Science Times.

11/2009-present Spine.

1/2010-present Neurosurgical Focus.

10/2010-present European Journal of Surgical Oncology.

10/2010-present The Journal of Cancer Surgery.

3/2011-present Annals of Surgical Oncology.

3/2011-present Lancet Oncology.

9/2011-present Global Spine Journal.

12/2011-present Clinical Epidemiology.

Professional Societies

National

Organization Membership

- 2004-present American Association of Neurological Surgeons (AANS)
7/2006-6/2007 AANS Silent Auction Committee Member, Neurosurgery Research and Education Foundation (NREF).
2007-2011 Member, AANS Young Neurosurgeons Committee (YNC)
2007-2008 Vice Chairman, AANS Silent Auction Committee, Neurosurgery Research and Education Foundation (NREF)
2008-2009 Chairman, AANS Silent Auction Committee, Neurosurgery Research and Education Foundation (NREF).
2007-2010 AANS YNC Liaison-in-training to Executive Council of AANS/CNS Section on Disorders of Spine and Peripheral Nerves.
2009-2011 Chairman, Section Liaisons, AANS Young Neurosurgeons' Committee.
2008-present Joint Guideline Committee (JGC) of the AANS/CNS.
- 2004-present Congress of Neurological Surgeons (CNS)
10/2006 Sargeant-at-Arms Officer, Congress of Neurological Surgeons (CNS) Meeting, Chicago, IL.
9/2007 Sargeant-at-Arms Officer, Congress of Neurological Surgeons (CNS) Meeting, San Diego, CA.
2011-2012 Congress of Neurological Surgeons (CNS) Spine Abstract Selection Committee
- 2005-present AANS/CNS Section on Disorders of the Spine and Peripheral Nerves
2010-present Executive Committee, AANS/CNS Section on Disorders of Spine and Peripheral Nerves
7/2009-6/2010 Scientific Advisory Committee for the AANS/CNS Section on Disorders of Spine and Peripheral Nerves Annual Meeting.
2011-present Exhibits Committee, AANS/CNS Section on Disorders of Spine and Peripheral Nerves
- 2006-present North American Spine Society (NASS)
2005- present Southern Medical Society (SMS)
2007-present AOSpine North America (AOSNA)
2010-present AOSpine NA Clinical Research Network "SpineNET" – Oncology Subgroup
2012-present AOSpine Faculty

Local

- 2009-present Maryland Spine Society

RECOGNITION

Honors/Awards

- 1994 Member of Golden Key National Honor Society, Duke University
1997 *Magna Cum Laude*, Duke University
1999 The Lange Medical Publications Award
2000 Dr. Alfred Steiner Research Award, Columbia University Dean's Day for Research
2000 Howard Hughes Medical Institute (HHMI) Fellowship Award for the Continued Support for the Completion of Medical Studies
2002 *Alpha Omega Alpha*, Columbia University College of P&S
2002 Janeway Prize, Columbia University College of P&S Valedictorian award
2005 Dr. Irvin J. Sherwin Award for Resident Achievement, JHU Department of Neurosurgery

2006 Ronald Apfelbaum Research Award, AANS/CNS Section on Disorders of the Spine
 2006 National Institutes of Health (NIH) Pediatric Loan Repayment Program
 2006 North American Spine Society (NASS) 2006 Research Grant Award
 2007 Elected to AANS Young Neurosurgeons Committee
 2007 AOSpine North America (AOSNA) Clinical Spine Fellowship
 2007 Neurosurgery Chairman's Award for Improving Patient Safety, Johns Hopkins University
 2008 Neurosurgeon Research Education Foundation (NREF) Research Grant Award, AANS
 2008 Harvey Cushing Hunterian Research Award, Johns Hopkins University
 2009 Neurosurgery Chairman's Award for Improving Patient Safety, Johns Hopkins University
 2009 Walter Dandy Award for Clinical Research, Johns Hopkins University
 2010 Best Paper – North American Spine Society (NASS) Meeting, 2010
 2010 Most Compassionate Doctor Award, American Registry
 2010 Patients' Choice Award, American Registry
 2010 Hansjorg Wyss Foundation Award, AOSpine
 2011 Best Paper – North American Spine Society (NASS) Meeting, 2011
 2011 Patients' Choice Award, American Registry
 2011 Most Compassionate Doctor Award, American Registry
 2012 Outstanding Poster, AANS/CNS Section of Spine and Peripheral Nerves Meeting, 2012
 2012 Patients' Choice Award, American Registry

Invited Talks

1. **Sciubba, DM.** "Innovations in Spine Tumor Treatment." Neurosurgery Grand Rounds, Johns Hopkins University, Baltimore, Maryland. June 19, 2008.
2. **Sciubba, DM.** "Innovations in Spine Tumor Treatment." Neurosurgery Grand Rounds, Penn State University, Hershey, Pennsylvania. August 15, 2008.
3. **Sciubba, DM.** "Innovations in Spine Tumor Treatment." Neurosurgery Grand Rounds, Weill Cornell Medical Center, New York, New York. September 29, 2008.
4. **Sciubba, DM.** "Innovations in Spine Tumor Treatment." Neurosurgery Grand Rounds, University of Pennsylvania, Philadelphia, Pennsylvania. October 24, 2008.
5. **Sciubba, DM.** "Innovations in Spine Tumor Treatment." Neurosurgery Grand Rounds, Barrow Neurological Institute, Phoenix, Arizona. November 14, 2008.
6. **Sciubba, DM.** "Advances in Complex Spine Surgery." Depuy Spine Headquarters, Raynam, Massachusetts. March 16, 2009.
7. **Sciubba, DM.** "Current and future management for spinal tumors." Neurosurgery Visiting Professor. Walter Reed Army Medical Center, Silver Spring, Maryland. August 3, 2009.
8. **Sciubba DM.** "Management of complex spinal deformity surgery." Neurosurgery Grand Rounds, Johns Hopkins University, Baltimore, Maryland. August 13, 2009.
9. **Sciubba DM,** "Advances in Minimally Invasive Spine Surgery." Distinguished Visiting Speaker. Justin Parker Neurological Institute/AANS 7th Annual Symposium – "Current Techniques in the Treatment of Cranial and Spinal Disorders." Boulder, Colorado, September 11, 2010.
10. **Sciubba DM,** "The Future of Minimally Invasive Spine Surgery." Neurosurgery Grand Rounds, Johns Hopkins University, Baltimore, Maryland. November 18, 2010.
11. **Sciubba DM.** "Spine Trauma." Neurosurgery Grand Rounds, Johns Hopkins University, Baltimore, Maryland. July 7, 2011.

12. **Sciubba, DM.** “Evolution of Spine Surgery.” Operating Room Personnel Grand Rounds, Johns Hopkins University, Baltimore, Maryland. October 27, 2011.
13. **Sciubba DM,** “Spinal Metastasis: Current and Future Trends.” Neurosurgery Grand Rounds, Johns Hopkins University, Baltimore, Maryland. November 10, 2011.
14. **Sciubba DM,** “Vertebral artery injury and exposure.” Neurosurgery Grand Rounds, Johns Hopkins University, Baltimore, Maryland. May 24, 2012.
15. **Sciubba DM,** “Minimally invasive treatment for spine tumors.” 9th Annual Mazama Spine Summit, Winthrop, Washinton. February 9, 2013.

Meeting Moderator

1. **Sciubba, DM.** “What’s New Session I.” 25th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March, 2009, Phoenix, Arizona .
2. **Sciubba, DM.** “Oral Poster Presentation II.” 26th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, February 18, 2010, Orlando, Florida.
3. **Sciubba, DM.** “What’s New Session I.” 27th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 11, 2011, Phoenix, Arizona .
4. **Sciubba, DM.** “Oral Poster Presentation IV.” 27th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 11, 2011, Phoenix, Arizona.
5. **Sciubba, DM.** “What’s New Session I.” 28th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 8, 2012, Orlando, Florida .
6. **Sciubba, DM.** David Cahill Memorial Controversies I: In Depth Debates. 28th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 8, 2012, Orlando, Florida .
7. **Sciubba, DM.** “Section on Disorders of the Spine and Peripheral Nerves.” 30th AANS Meeting. Miami, Florida. April 17, 2012.
8. **Sciubba, DM.** “What’s New Session II.” 29th Annual Meeting of the AANS/CNS Section on Disorders of Spine and Peripheral Nerves, March 7, 2013, Orlando, Florida .