

## CURRICULUM VITAE

**Name:** Ketan R. Bulsara MD

**Rank:** **Associate Professor Neurosurgery**

**Education:** B.S. *Magna Cum Laude*, Biology/Neuroscience, Davidson College, 1992  
M.D. with Honors, Duke University School of Medicine, 1996  
MBA expected 2017, Yale School of Management

### Career/Academic Appointments:

7/1996-6/1997 Intern, General Surgery , Duke University Medical Center, Durham, NC

7/1997-4/2001 Resident, Neurosurgery, Duke University Medical Center, Durham, NC

5/2001-6/2001 Fellow, Neurosurgery, University of Iowa, Iowa City, IA

7/2001-6/2002 Resident, Neurosurgery, Duke University Medical Center, Durham, NC

7/2002-6/2003 Chief Resident, Neurosurgery, Duke University Medical Center, Durham, NC

7/2003-6/2004 Clinical Associate, Skull Base and Cerebrovascular Program, University of Arkansas for Clinical Sciences, Little Rock, AR

8/2004-1/2006 Assistant Professor, Director of Cerebrovascular and Skull Base Surgery, Division of Neurosurgery, University of Missouri-Columbia, Columbia, MO

2/2006-6/2007 Clinical Associate, Department of Radiology, Duke Neurovascular Program, Durham, NC

8/2007-6/2010 Assistant Professor, Director of Neuroendovascular and Skull Base Surgery Programs, Neurovascular Section, Yale Department of Neurosurgery, New Haven, CT

6/2010-4/2017 Associate Professor, Director of Neuroendovascular and Skull Base Surgery Programs, Neurovascular Section, Yale Department of Neurosurgery, New Haven, CT

5/2017-Present Chief, Division of Neurosurgery, Director, Endovascular and Neurovascular Surgery, Director, Skull Base Microsurgery

### Administrative Positions:

2015-present Yale New Haven Hospital Committee on Professionalism

2007-04/2017 Director of Neuroendovascular and Skull Base Surgery Programs,  
Neurovascular Section, Yale Department of Neurosurgery, New Haven, CT  
2007-present Director of Skull Base and Microsurgical Laboratory, Yale Department of  
Neurosurgery, New Haven, CT  
2004-2006 Director of Skull Base and Cerebrovascular Surgery, University of  
Missouri-Columbia, Columbia, MO  
2004-2006 Director of Cerebrovascular Microanastomosis and Skull Base Studies  
Laboratory, University of Missouri-Columbia, Columbia, MO  
2005-2006 Director of Walter Dandy Neurosurgical Intensive Care Unit, University of  
University Medical Center, Durham, NC, Resident Director Skull Base and  
2000-2003 Microsurgical Laboratory

**Board Certification:** American Board of Neurological Surgeons

**Background:** Born in Mumbai, India. Immigrated to the United States in 1983 from  
Zambia, Africa. Naturalized citizen of the United States  
(1990). Language ability: Gujarati, Hindi, French, Latin

## Professional Honors & Recognition

### A) International/National/Regional

2016 Appointed to Editorial Board of Operative Neurosurgery, major neurosurgical journal.  
2016 Appointed to Editorial Board of Acta Neurochirurgica. Major international journal.  
2016 One of only two neurosurgeons in the nation selected to be on the National Quality  
Forum to develop national clinical guidelines pertaining to Neurosciences  
2015 America's Top Surgeons, Consumer Research Group of America  
2015 Elected Vice Chair of AANS/CNS Joint Cerebrovascular Section  
2015 Appointed to Cerebral Aneurysms and SAH Common Data Elements Project  
(Hospital Course and Acute Therapies sub-committee). NINDS/NLM/NCS  
2014-16 President American Association of South Asian Neurosurgeons  
2014-present Yale University School of Medicine Admissions Committee  
2013: AANS/CNS Cerebrovascular Section Maintenance of Certification written test  
question writer  
2013: Appointed to the Maintenance of Certification in Neurosurgery

Committee by the American Association of Neurological Surgeons  
2013: America's Top Surgeons, Consumer Research Group of America  
2012: Elected to New Haven Medical Association Board of Governors  
2012: America's Top Surgeons, Consumer Research Group of America  
2011: America's Top Surgeons, Consumer Research Group of America  
2010: America's Top Surgeons, Consumer Research Group of America  
2009: Forbes Magazine Listing as Notable Alumni from top American Colleges/Universities  
2009: America's Top Surgeons, Consumer Research Group of America  
2008: AcademicKeys Who's Who in Higher Medical Education  
2007: America's Top Surgeons, Consumer Research Group of America  
Augustus McCravey Award; Southern Neurosurgical Association; Senior Author  
2006: Cordis Neurovascular Fellowship  
2006: Who's Who in American Healthcare and Medicine  
2005: America's Top Physicians, Consumer Research Group of America  
2002: Mayfield Award in Clinical Science, AANS/CNS  
2001: Mayfield Award in Basic Science, AANS/CNS  
2001: Synthes Award in Brain and Craniofacial Trauma, AANS/CNS  
2001: Shulman Award, AANS/CNS  
2001: Travelling Fellowship in Neurosurgery, AANS/CNS  
1996: Special Recognition Society for Neuroscience  
1996: International Neurosurgery Grant  
1996: Alpha Omega Alpha, Duke University Medical School  
1994: Howard Hughes Medical Institute Fellowship  
1991: All American Scholar  
1990: Phi Beta Kappa  
1990: Alpha Epsilon Delta  
1990: Carnegie Mellon Fellowship  
1990: Dana Foundation Grant  
1990: Who's Who in American Colleges and Universities  
1988: National Robert Byrd Honors Scholar  
1988: Presidential Scholastic Fitness Award

B) University

2005: Service Quality Hero, University of Missouri-Columbia  
1996: Ideal Physician Award, Duke University Medical School  
1995: Duke University School of Medicine Award  
1993: Senior Merit Scholarship, Duke University Medical School  
1992: Duke University Medical School Endowment Scholarship  
1991: Class Superlative, Davidson College

**Grant History:**

A) Current Grants

Agency: Weatherhead Foundation in collaboration with University of Texas (Houston)

Title: Intravascular Therapy for Cerebral Vasospasm

PI: Ketan R. Bulsara MD and Peng Roc Chen MD (Houston)

Percent Effort: 5%

Project Period: 12/13-12/15

B) Past Grants

Agency: YCCI

Title: Encephalomyosynangiosis to Promote Neurogenesis and Angiogenesis following Stroke

PI: Ketan R. Bulsara MD

Percent Effort: 5%

Project Period: 12/08-12/09

Agency: University of Missouri University System

Title: Two- Hit Hypothesis for Cerebral Vasospasm

P.I.: Ketan R. Bulsara MD

Percent effort: 10%

Total costs for project period: \$50,000

Project period: 08/01/2005 – 01/05/2006

Agency: Ruth K. Broad Foundation

Title: CNS regeneration in Transgenic Mice expressing GAP-43 and CAP-23

PI: Ketan R. Bulsara MD

Percent Effort: 90%

Total costs for project period: \$45,000

Agency: Howard Hughes Medical Institute

Title: Intracellular physiology of Dentate Granule Cells following Entorhinal Cortex Lesions

P.I.: Ketan R. Bulsara

Percent effort: 90%

Total costs for project period: \$50,000

Project period: 07/01/1994 – 06/30/1995

Agency: Dana Foundation Research Grant

Title: Crossed Temporodentate Pathway Regeneration following Entorhinal Cortex Lesions

PI: Ketan R. Bulsara

Percent Effort: 100%

Project Period: 6/91-8/91

### **National/International Clinical Trials/Registries**

2007-present Matrix and Platinum Sciences Trial. Yale PI (data analysis phase currently)

2007-present Presidio Coils in Large and Giant Aneurysms, Yale PI

2007-2012 Vitesse Pharos Intracranial Stent Trial, Yale PI

2013-present: Target registry

2013-present: Intravascular Therapy Trial for Cerebral Vasospasm (co-National PI)

2013- TREVO registry, Yale PI

2014 Swift Prime, Yale PI

### **Lectures, Courses, Web-based Education:**

1. Cerebrovascular/Skull Base Surgery. American Association of Professional Coders, North Haven, CT, October 23<sup>rd</sup>, 2015.
2. Update on Acute Ischemic Stroke Trials. 8<sup>th</sup> Annual Brass Symposium. Yale New Haven Hospital/Yale University West Campus. October 1<sup>st</sup>, 2015.
3. Managing Cerebral Vasospasm. Congress of Neurological Surgeons Meeting, New Orleans, Louisiana September 26<sup>th</sup>, 2015.
4. Yale Resident Lecture: Navigating the skull base. Critical Neurovascular Relationships. June 2015.
5. Yale Physician Assistant Program Lecture: Current care in Cerebrovascular Surgery, July 17<sup>th</sup>, 2015.
6. Yale New Haven Hospitalist Program Lecture. Cerebrovascular/Endovascular/Skull Base Surgery: The Continuing Quest for Precision Treatment, New Haven, CT April 14<sup>th</sup>, 2015.

7. Practical Anatomy Workshop Instructor. Skull Base/Cerebrovascular Surgery. Course Directors (Ossama Al-Mefty/Paulo Kadri), St. Louis, Missouri, April 30<sup>th</sup>, 2015.
8. Petroclival Meningiomas: moderator and speaker, North American Skull Base Meeting, Tampa, Florida, February 2015 (co-panelists Jacques Morcos MD, Harry van Loveren MD, Juan Fernandez-Miranda MD)
9. Complication Avoidance and Management. Congress of Neurological Surgeons Meeting, Boston, October 2014.
10. Keynote Speaker. European Association of Neurological Societies. Prague, Czech Republic, October 2014.
11. Management of complex skull base and vascular lesions (invited speaker), Marseilles, France September 2014.
12. Management of Supratentorial Cavernomas speaker and moderator Skull Base Surgery Approaches. Battle at Pinehurst. Pinehurst, NC. May 15-17, 2014.
13. Transcranial approach for sellar/parasellar lesions, Pituitary Conference, YNHH and School of Medicine, May 14<sup>th</sup>, 2014.
14. Dural Arteriovenous fistulae talk and Evolution of Ischemic Stroke treatment. New England Resident Course. Beth Israel Deaconess Hospital, Boston, MA, March 29<sup>th</sup>, 2014.
15. Management of Complex Skull Base Aneurysms. North American Skull Base Surgery Meeting, San Diego, California, February 14<sup>th</sup>-17<sup>th</sup>, 2014.
16. Evolution of Cerebrovascular/Skull Base Surgery in the Microsurgical/Endovascular Era. Neurological Society of India Meeting, Mumbai, India, December 13<sup>th</sup>, 2013.
17. Lessons learnt from Unusual Cases in the Cerebrovascular/Endovascular Era. Neurological Society of India Meeting, Mumbai, India, December 14<sup>th</sup>, 2013.
18. Cerebral Vasospasm: The Ongoing Dilemma. Neurological Society of India Meeting, Mumbai, India, December 13<sup>th</sup>, 2013.
19. Evolution of Neurovascular (Microsurgical/Endovascular) and Skull Base Surgery through the Path Less Travelled. Microsurgery/Endoscopic/Vascular Bypass (Endovascular) Course, Allegheny Hospital, Pittsburgh, PA, November 7<sup>th</sup>, 2013.

20. Operative Neurosurgery Symposium: Intra-operative complication avoidance and Management, Congress of Neurological Surgeons Meeting, San Diego, California, October 22<sup>nd</sup>, 2013.
21. Microsurgical/Endovascular Management of Cerebrovascular Disorders, Physician's Assistant Program Lecture, June 4<sup>th</sup>, 2013.
22. Interventional Treatment for Acute Ischemic Stroke, Helpful or Not. 6<sup>th</sup> Annual Brass Symposium, New Haven, CT, April 2013.
23. Evolution of Cerebrovascular Surgery from Technique based to Disease based specialty. Pan-Pacific Neurosurgery Meeting, Hawaii, February 1<sup>st</sup>, 2013.
24. Vascular lesions of the Skull Base: Approaches and Management Strategies; 23<sup>rd</sup> North American Skull Base Society Meeting, Miami, Florida. February 15-17<sup>th</sup>, 2013.
25. Venous Sinus Disease. 8th International Congress on Meningiomas and Cerebral Venous System & 3rd International Symposium on the Cavernous Sinus (ISOCS), November 7<sup>th</sup>, 2012.
26. Unusual Cases in the Cerebrovascular/Endovascular Era. Giesinger Neurosurgery Symposium, New York, November 30<sup>th</sup>, 2012.
27. Interventional Management of Acute Stroke: Helpful or Not? New Haven, CT, December 2012.
28. The Continuing Evolution of Cerebrovascular/Skull Base Surgery, October 11-14<sup>th</sup>, Allegheny Hospital, Pittsburgh, PA, 2012.
29. Multidisciplinary Management of Cerebral Vasospasm Session. Congress of Neurological Surgeons Meeting. Chicago, Illinois, October 8<sup>th</sup>, 2012.
30. Bern-Chicago Microsurgical/Endovascular Revascularization, October 4-7<sup>th</sup>, Chicago, IL 2012.
31. Double Mandibulotomy Osteotomy for approach to the Infratemporal Fossa, Kiev, Ukraine, September 5-7<sup>th</sup>, 2012.
32. Unusual Cases in the Cerebrovascular/Endovascular/Skull Base Surgery Era, Kiev, Ukraine, September 5-7<sup>th</sup>, 2012.
33. How I do it: Posterior Clinoidectomies and Complex Spinal Dural Arteriovenous Fistulae. Far East Neurosurgical Symposium, Sapporo, Japan, July 28<sup>th</sup>, 2012.

34. Technical Pearls in the Microsurgical/Endovascular Era. Hokkaido University, Hokkaido, Japan, July 24<sup>th</sup>, 2012.
35. Continued Evolution of Cerebrovascular/Skull Base Surgery, University of North Carolina Chapel Hill, June 20<sup>th</sup>, 2012.
36. Frontal Craniotomy for anterior cranial fossa lesions. Duke Neurosurgery Symposium, Pinehurst, NC May 2012.
37. Diagnostic Dilemmas. North American Skull Base Society Meeting, Las Vegas, February 18<sup>th</sup>, 2012.
38. Acute revascularization for Ischemic Stroke, AANS/CNS Joint Section Meeting, New Orleans, January 31, 2012.
39. History of skullbase/Cerebrovascular surgery. Microscopic and Endovascular approaches for managing skullbase/Cerebrovascular pathologies symposium. Allegheny General Hospital, October 27<sup>th</sup>, 2011.
40. Management of complicated cerebrovascular/skull base pathologies in the microsurgical/skullbase/endovascular era. "International Cerebrovascular and Skull Base Workshop." Ghent, Belgium, September 7-10, 2011.
41. Yale-New Haven Hospital Medicine Grand Rounds. "Treatment update for the Management of Hemorrhagic and Ischemic stroke." August 4<sup>th</sup>, 2011.
42. Avoidance and management of complications for Intracranial stenosis, American Association of Neurological Surgeons, Denver, Colorado 2011.
43. Visiting Lecturer Cerebrovascular/Endovascular course, "Clipping versus coiling of aneurysms." University of Iowa Department of Neurosurgery, May 20-23<sup>rd</sup>, Iowa 2011.
44. Management of Cerebrovascular/skull base lesions. Physician's Assistant Neurosciences Lecture, May 11<sup>th</sup>, 2011.
45. Advances in Cerebrovascular/skull base surgery. Neuroanesthesia grand rounds. March 9<sup>th</sup>, 2011.
46. Utility of the Clip-Coil Ratio. Joint meeting of the Congress of Neurological Surgeons and Neurological Society of India, Jaipur, India, December 18<sup>th</sup>, 2010.
47. Cerebrovascular Surgery: A Specialty in Evolution. Yale New-Haven Midlevel Providers Grandrounds, November 16<sup>th</sup>, 2010.



48. Hand on Cerebral Revascularization Course, Congress of Neurological Surgeons, San Francisco, California, October 2010.
49. Fourth Annual Lawrence Brass Stroke Symposium, New Haven, Connecticut, September 30<sup>th</sup>, 2010.
50. Advanced Options in the management of Acute Stroke Patients, St. Mary's Hospital, Hartford, CT September 28<sup>th</sup>, 2010.
51. Faculty Arkansas Neuroscience Institute Advances in Cerebrovascular Microsurgery Course, Little Rock, AR October 2010.
52. Senior Resident Skull Base Dissection Course. New Orleans, September 10-12<sup>th</sup> 2010.
53. Acute Cerebral Ischemia. Grand Rounds Talk. Waterbury Hospital. Waterbury, Connecticut. July 16<sup>th</sup> 2010.
54. Neurovascular/Skull Base Dissection Course Faculty, University of Medicine and Dentistry New Jersey, June 10-13 2010.
55. Visiting Professor, Allegheny General Hospital, Pittsburgh, PA. April 27<sup>th</sup>-28<sup>th</sup> 2010.
56. Visiting Lecture, University College of London, Queen's Square (Neurointerventional Radiology). March 2010.
57. Congress of Neurological Surgeons, "Neurovascular Surgery: Management of Interesting but Difficult Cases.", Satellite Symposium. New Orleans, October 2009.
58. Congress of Neurological Surgeons, Hands on Revascularization Course, New Orleans, Louisiana, October 2009.
59. North American Skull Base Society Meeting: Management of Glomus Jugulare Tumors, New Orleans, Louisiana, October 2009.
60. Neurosymposium: Cerebral Revascularization NYC 2009 (International Forum), "Endovascular Revascularization for Aneurysms." Beth Israel Medical Center and St. Luke's & Roosevelt Hospitals, New York, New York; August 27<sup>th</sup>- August 28<sup>th</sup> 2009.
61. Winthrop University Stroke Symposium: Endovascular Management of Intracranial Atherosclerotic Disease. Mineola, New York, New York, May 13<sup>th</sup>, 2009.

62. Third International Winter Congress of Neurological Surgery/AANS Meeting. Scientific Committee. Snowbird Resort, Utah, May 2009.
63. Management of Neurovascular Injuries in Trauma. American College of Surgeons 11<sup>th</sup> Annual Connecticut Trauma Conference, Foxwoods, April 2-3, 2009.
64. "Advances in the Management of Neurovascular Lesions." Saint Mary's Hospital, Waterbury, Connecticut. February 5<sup>th</sup>, 2009.
65. 1<sup>st</sup> Biennial International Fukushima Aneurysm Workshop, Sarasota, Florida. November 15<sup>th</sup>-16<sup>th</sup>, 2008.
66. "The spectrum of treatment options in the management of intracranial vessel injuries." Saint Francis hospital, Hartford, Connecticut. October 29<sup>th</sup>, 2008.
67. Neurosciences Lecture. "SAH and AVM Management." Department of Neurology. Yale University School of Medicine. September 30, 2008.
68. Hands on Cerebral Revascularization Course. Congress of Neurological Surgeons Meeting. September 2008, Orlando, Florida.
69. Management of Complex Skull Base Aneurysms. 5<sup>th</sup> International Congress of the World Federation of Skull Base Societies and 19<sup>th</sup> Annual Meeting of the North American Skull Base Society, Vancouver, Canada. September 12<sup>th</sup> 2008.
70. World Federation of Skull Base Neurosurgery and North American Skull base Society. Scientific Committee. New Orleans, 2008.
71. 2<sup>nd</sup> Annual Lawrence Brass Memorial Stroke Symposium. Yale University School of Medicine. "Device-assisted endovascular treatments." June 20<sup>th</sup>, 2008.
72. International Stroke Conference Moderator, New Orleans, Louisiana, February 2008.
73. Hands on Cerebral Revascularization Course. Congress of Neurological Surgeons Meeting. San Diego, California. September 2007.
74. Boulder Neuroscience Institute, Invited Lecturer, "Skull Base and Cerebrovascular Neurosurgery: Glimpses into Possibilities." Westminster, Colorado, November 9<sup>th</sup> 2007.
75. Cerebral Revascularization Course. Congress of Neurological Surgeons Meeting. October 7<sup>th</sup>-11<sup>th</sup>, 2006. Chicago, Illinois.

76. Temporal Bone Dissection Workshop. Course Director. University of MissouriColumbia. June 11<sup>th</sup>, 2005.
77. Operative Masters Course, PAWS Laboratory. Saint Louis University, Missouri, May 2005. Laboratory dissection Faculty.
78. International Cerebral Revascularization Course. Laboratory Faculty. PAWS Laboratory. Saint Louis University, Missouri, January 2005.
79. University of Missouri-Columbia Skull Base Approaches Update. Co-Director. PAWS Laboratory. Saint Louis University, Missouri, November 2004.
80. Temporal Bone Course, lab instructor with Takanori Fukushima M.D., Duke University Medical Center, Durham, North Carolina 2002.

## Journal Service

2014-present *Ad Hoc Reviewer, Cell and DNA Biology and PLOS*  
2013-present *Ad Hoc Reviewer, Acta Neurologica Scandanavia*  
2012-present *Ad Hoc Reviewer, Indian Journal of Neurosurgery*  
2003-present Editorial Board, Neurology India  
2004-2006 Editorial Board, Journal of Cardiometabolic Syndrome  
2006-present Reviewer, American Journal of Neuroradiology  
2006-present Reviewer, Journal of Neurosurgery, Neurology, Psychiatry  
2007- present *Ad Hoc Reviewer Acta Neurologica Scandinavia*  
2007-present Reviewer, Endovascular Today  
2008-present Reviewer Acta neurochirciga  
2008-present *Ad Hoc Reviewer Journal of Neurointerventional Surgery*  
2009-present *Ad Hoc Reviewer Stroke*  
2009-present Editorial Board, Contemporary Neurosurgery  
2009-present *Ad Hoc Reviewer Surgical Innovations*  
2010-present *Ad Hoc Reviewer Journal of Neurointerventional Surgery*  
2010-present *Ad Hoc Reviewer Surgical Innovation*  
2010-present *Ad Hoc Reviewer Clinical Anatomy*  
2010-present *Ad Hoc Reviewer Neurosurgery*  
2011-present *Ad Hoc Reviewer Neurological Research*

2010-present *Ad Hoc* Reviewer Skull Base Surgery

### **Professional Organizations**

1997-present Congress of Neurological Surgeons  
2003-present American Association of Neurological Surgeons  
2002-present North Carolina Medical Society  
2003-present Arkansas Medical Society  
2003-present American Medical Association  
2005-present North American Skull Base Society  
2007-present Society of Neurointerventional Surgery (senior member)  
2007- present Neurological Society of India  
2007-present Congress of Neurological Surgeons/American Association of  
Neurological Surgeons Cerebrovascular Section Member

### **Professional Meetings/Committees**

*January- June 2015* Program planning committee Cerebrovascular Complications  
Conference, Jacksonhole, Wyoming

January 2015 Abstract Committee Reviewer for AANS/CNS Tumor section

November 2014 Abstract Committee Reviewer for American Association of  
Neurological Surgeons Meeting, Washington DC, 2014.

November 2014 Eight Annual Cerebrovascular/Skull Base Course Lecture- The  
Pendulum of Progress Allegheny Hospital, Pittsburgh, Pennsylvania.

October 2014 Technical Pearls in Complication Avoidance and Management,  
plenary session, Congress of Neurological Surgeons Meeting, Boston,  
Massachusetts.

October 2014 Moderator Congress of Neurological Surgeons Meeting, Boston,  
Massachusetts.

October 2014- 7<sup>th</sup> Annual Larry Brass Symposium speaker. "Reflections on the  
management of acute ischemic stroke." October 2<sup>nd</sup>, 2014.

September 2014-Keynote Speaker. International Skull Base/Cerebrovascular Meeting.  
"Update on Vasospasm Management." "Technical Pearls in complex  
microsurgical/endovascular cases." September 25-27<sup>th</sup>, Marseilles, France.

- September 2014- Keynote speaker; Neurovascon, Cerebrovascular Society of India, Bangalore. "Evolution of Cerebrovascular Surgery Training." "Interesting Cases in the Cerebrovascular Microsurgery/Skull Base/Endovascular Era."; September 5<sup>th</sup>- 7<sup>th</sup>, Bangalore India.
- June 2014 Organizing committee. Cerebrovascular complications meeting. Jackson Hole, Wyoming, June 25-27, 2014.
- May 2014 Management of Cavernomas. Battle at Pinehurst, Pinehurst, NC May 15-17<sup>th</sup>, 2014.
- Feb. 2014 Management of complex skull base vascular lesions: North American Skull Base Society Meeting, February 15<sup>th</sup>, San Diego, 2014.
- Feb. 2014 Moderator Cerebral Vasospasm Session. Joint AANS/CNS Cerebrovascular Section and Society for Neurointerventional Surgeons Meeting, San Diego, February 11<sup>th</sup>-12<sup>th</sup>, 2014.
- 2013 Moderator Subcommittee, Congress of Neurological Surgeons, 2013
- 2013-present Editor, AANS/CNS Section of Cerebrovascular Surgery Newsletter
- May 2013 Organizing committee Cerebrovascular Complications Conference and Moderator: Novel Surgical Treatment Strategies for Aneurysms, Jackson Hole, Wyoming, June 27-30, 2013.
- Feb. 2013 Scientific Program Co-chair: Joint AANS/CNS Cerebrovascular Section and Society for Neurointerventional Surgeons Meeting in collaboration with the International Bandai Symposium/Pan-Pacific Neurosurgery Congress, February 3-6<sup>th</sup>, Honolulu, Hawaii, 2013.
- 2012-14 Abstract Grading, AHA/ International Stroke Council
- 2012-14 Secretary American Association of South Asian Neurosurgeons
- 2012-present AANS/CNS Joint Cerebrovascular Section Guidelines Review Subcommittee
- 2012 Moderator Cerebrovascular Symposium, 5<sup>th</sup> International Cerebrovascular and Skull Base workshop & 3<sup>rd</sup> Kiev International Skull Base Workshop, September 7, 2012.
- 2012 Moderator for AANS meeting Cerebrovascular Section. Miami, FL,

- April 2012.
- 2012 North American Skull Base Society Meeting, Las Vegas, Moderator. Meningiomas.
- 2011-2013 AANS/CNS Cerebrovascular Section Associate Editor Newsletter
- 2011 Moderator for cerebrovascular section **meeting**, Congress of Neurological Surgeons, Washington D.C., October 2011.
- 2011 North American Skull Base Society Meeting. Moderator/Organizer Craniovertebral Junction Surgery session, Phoenix, Arizona, February 2011.
- 2011 Moderator for cerebrovascular section meeting American Association of Neurological Surgeons, Denver, Colorado, May 2011.
- 2010-present Leslie Munzer AVM Institute Grant Selection Committee Member
- 2010 Moderator for Cerebrovascular/Skull Base Meeting. Joint Meeting Congress of Neurological Surgeons and Neurological Society of India, Jaipur, India December 16<sup>th</sup>-19<sup>th</sup>.
- 2010-present Society of Neurointerventional Surgeons, Standards and Guidelines Committee
- 2010-present Co-chair American Association of South Asian Neurosurgeons Ambassador Grant Selection Committee
- 2010** Moderator for cerebrovascular section **meeting** Congress of Neurological Surgeons, San Francisco, California.
- 2010-11 North American Skull Base Society Committee on Website and Publications
- 2010 Abstract Grading, AHA/ ISC Joint Section Meeting
- 2010 AANS/CNS Cerebrovascular Section Subcommittee for review of American Heart Association/American Stroke Association Guideline Review for the Management of Cerebral Venous Thrombosis

- 2010 Congress of Neurological Surgeons Cerebrovascular Section Meeting  
Scientific Program co-Organizer.
- 2010 Congress of Neurological Surgeons Meeting Abstract Review  
Committee
- 2009-10 Congress of Neurological Surgeons and Neurological Society of India  
Joint meeting organizing committee. Jaipur, India. December 2010.
- 2009 3<sup>rd</sup> International Neurosurgical Winter Congress/AANS Meeting;  
Utah. Scientific Committee Member
- 2009- Abstract Grading, AHA/ ISC Joint Section Meeting 2009
- 2009 American Association of South Asian Neurosurgeons: Organizing  
committee for joint meeting with Congress Neurological Surgeons;  
October 2009
- 2009- Executive Committee American Association of South Asian  
Neurosurgeons
- 2008- 1<sup>st</sup> Biennial International Aneurysm Workshop. Sarasota, Florida.  
Scientific  
Committee Member.
- 2008-present American Association of South Asian Neurosurgeons, Member at  
Large
- 2008-10 Abstract Grading, AHA/ISC Joint Section Meeting

### **National/International Guidelines Committee**

- 2011-present Society for Neurointerventional Surgeons  
2010-present *Ad Hoc Reviewer* AANS/CNS Cerebrovascular Section Guidelines  
Committee

### **Yale School of Medicine Committees**

- 2013-present Patient Centered Care Committee. Yale New Haven Hospital and  
Yale Medical Group
- 2010 Trauma Team Service Line

2010	Biplane Angiography Replacement Suite Committee
2010-present	Yale Acute Stroke Response Protocol Committee
2009-2010	Search committee for clinical vice-chair Neurology Department
2009-2010	Search committee for multiple sclerosis faculty Neurology Department
2008-present	Smilow Cancer Hospital MRI/Angio Operating Room Planning and Design Committee

### **Mentored Trainees (Individual Projects)**

James Crowley 2005. University of Arkansas for Medical Sciences. HIV and Cerebral Aneurysms.

Ali Raja 2005. University of Arkansas for Medical Sciences Neurosurgery. HIV and Cerebral Aneurysms.

James Floyd 2005. Duke University School of Medicine. CSF Flow Dynamics and Headache in Chiari Malformation.

Matthew McGirt 2005. Johns Hopkins Neurosurgery Program. CSF Flow Dynamics and Headache in Chiari Malformation.

Sunny Sukhla 2006. University of Missouri-Columbia. Evolution of bipolar coagulation.

Daniel Jackson 2006. University of Missouri-Columbia. Third Nerve Palsy and Endovascular Treatment.

Shahid Nimjee 2006. Duke University Medical Center. De Novo Cavernomas Following Radiation Treatment.

Danielle Eifler 2006. University of Missouri-Columbia Veterinary School. Two-Hit Hypothesis for Cerebral Vasospasm.

Vivek Agrawal 2006. University of Missouri-Columbia Department of Radiology. Intraosseous meningioma. Two-Hit Hypothesis for Cerebral Vasospasm.



Jean Leveque 2006. University of Michigan Neurosurgery.  
Relationship of Arcuate Eminence to Superior Semicircular Canal.

Ciaran Powers 2006. Endovascular Fellow University of Wisconsin-Madison. De Novo Cavernomas after radiation treatment.

Shahid Nimjee 2006. Duke University Medical Center Neurosurgery.  
De Novo Cavernomas after radiation treatment.

Dennis Velez 2006. University of Missouri-Columbia Neurosurgery.  
Rotational occlusion of the vertebral artery.

Ali Alibadi 2007. Duke University Medical Center Neurosurgery. Three Dimensional Anatomy of the Hypoglossal Canal.

Chuck Kanaly MD, 2007. Duke University Medical Center Neurosurgery.  
Three Dimensional Anatomy of the Hypoglossal Canal.

Daniel Blizzard 2007. Yale University School of Medicine. AICA aneurysms and Endovascular Treatment.

George Galvan 2007. University of Missouri-Columbia and University of Texas San Antonio Neurosurgery. Third nerve palsy and endovascular treatment. Metrx system for bullet removal.

Ram Vasudevan 2007. Cedar Sinai Neurosurgery and University of Missouri-Columbia. Third nerve palsy and endovascular treatment. Superior Ophthalmic Vein Approach for Cavernous carotid fistula.

Wayne Pallus 2007. University of Missouri-Columbia. Pituitary adenoma and anterior communicating artery aneurysm.

Priyangee Arambepola MD, 2008, Sri Jayawardene General Hospital Department of Radiology, Colombo, Sri Lanka. De Novo Aneurysm Formation after Carotid Occlusion.

Toral Patel 2008. Yale Department of Neurosurgery. Cerebral bypass surgery for skull base lesions. Strategies for management of intracranial atherosclerotic disease.

Tejas Manchancia 2009. Yale University School of Medicine.

Hemicraniectomy following permanent middle cerebral artery occlusion in rodents. De Novo AVM formation. Management of Blood Blister Intracranial Aneurysms.

Dario Erglot MD, PhD. 2009. Yale University School of Medicine. Case Report. Removal of Nail Penetrating the Basilar Artery.

Sean McEvoy 2009. Yale University School of Medicine. De Novo Aneurysm Formation after Carotid Occlusion.

Ashley Echeverria 2009-10. Yale Physician's Assistant Program. Comparison of recanalization following ONYX versus n-BCA in AVM embolization.

Samit Mehta MBBS, chief resident neurosurgery, Apollo Hospital, Chennai, India. October 2009. Clinical Observership. Overview of skull base approaches for tumors and vascular lesions.

Amit Mahajan 2008. Yale Department of Radiology. Intracranial Stents. De novo arteriovenous malformations.

Michael DiLuna 2008. Yale Department of Neurosurgery. Outcomes for sphenopetroclival meningiomas in the skull base surgery era.

Grahame Gould 2009. Yale Department of Neurosurgery. De novo arteriovenous malformations.

Sean McEvoy 2009. Yale University School of Medicine. De Novo Aneurysm Formation after Carotid Occlusion.

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**Patents**

1. Axon Repair. Application # 10/268,967

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