

PERSONAL INFORMATION

Name: Matthew Robert Fusco, M.D. (Matt)

Citizenship: U.S.A.

Title: Assistant Professor

Department: Department of Neurological Surgery, Vanderbilt University
School of Medicine
Department of Radiology and Radiological Sciences,
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EDUCATION:

Institution	Degree	Month/Year
University of Virginia	BA, Psychology	08/99-05/03
Wake Forest University, SOM	MD	07/03-05/07

MILITARY SERVICE: None

LICENSURE: Alabama Medical License, 07/2008 – 12/2014
Mass. Medical License, 05/2013 – 12/2016
Tennessee Medical License, 12/10/2014 (Active)

POSTDOCTORAL TRAINING:

Year	Degree	Institution
06/2007-06/-2008	Intern, General Surgery	University of Alabama SOM
06/2008-06/2012	Resident, Neurosurgery	University of Alabama SOM
06/2012-06/2013	Chief Resident, Neurosurgery	University of Alabama SOM
07/2013-11/2013	Fellow, Endovascular and Operative Neurovascular Neurosurgery	Massachusetts General, Hospital, Harvard SOM
11/2013-12/2014	Fellow, Endovascular and Operative Neurovascular Neurosurgery	Beth Israel Deaconess Medical Center, Harvard SOM

FACULTY ACADEMIC AND HOSPITAL APPOINTMENTS

- 2015 - Assistant Professor of Neurological Surgery Vanderbilt University
Medical Center
- 2015 - Assistant Professor of Radiology Vanderbilt University
Medical Center
- 2016 - Senior Staff Fellow Food and Drug
Administration (FDA), Center for Devices and Radiological Health
(CDRH), Division of Neurological and Physical Medicine Devices
(DNPMD), Neurointerventional Devices Branch (NDB)

ADMINISTRATIVE LEADERSHIP POSITIONS

- 2015 - Director, Neuro-Endovascular Surgical Fellowship
Vanderbilt University Medical Center
Fellows trained:
1. Lucy He, MD 2015 – 2016
 2. Calvin Cooper, MD 2015 – 2016
 3. Jordan Magarik, MD 2016 – 2018
- 2015 - Member, Clinical Competency Committee
Vanderbilt University Medical Center Department of Neurological
Surgery Residency Program
- 2015 - Medical Director, Neurological Surgery Operating Room
Vanderbilt University Medical Center

AWARDS/HONORS

1. Richard B. Morawetz, MD, Resident Prize for Research. Twenty-eighth annual J. Garber Galbraith MD scientific session and lecture. November 4, 2011.
2. NIH-sponsored (1UL1RR02577) UAB Clinical and Translation Science Training Program. 2011.
3. Neurological Surgery Faculty Award for Teaching Excellence, as voted upon by the Neurological Surgery Residency Department. 2016-2017.

PROFESSIONAL SOCIETIES/MEMBERSHIPS

1. American Association of Neurological Surgeons, Member 2008 – Present
2. Congress of Neurological Surgeons, Member 2008 – Present
3. Society of Neurointerventional Surgery, Member 2015 – Present
4. Tennessee Neurosurgical Society, Member 2015 – Present
5. Southern Neurosurgical Society, Member 2015 – Present

RESEARCH FUNDING

- 2016 - Imaging collaterals and tissue metabolism in patients with Moyamoya syndrome
1R01 NS097763 07/01/2016 – 06/20/2021
NIH/NINDS
Contributor (PI = Donahue MJ)
- 2015 - MISTIE III: A Phase III, Randomized, Open-Label, 500-Subject Clinical Trial of Minimally Invasive Surgery Plus rt-PA in the Treatment of Intracerebral Hemorrhage
5U01 NS080824 07/01/2015 – 07/31/2018
NIH/NINDS via Johns Hopkins University
Site PI (National PI = Hanley DF)
- 2015 - Characterizing Hemodynamic Compensation and Stroke Risk in Stenosis Patients
5R01 NS078828-02 06/01/2012 – 04/30/2017
NIH/NINDS
Contributor (PI = Donahue MJ)
- 2015 - Inhibition of Lipid Peroxidation and Cerebral Vasospasm by an Acetaminophen-Based Regimen in Patients with Aneurysmal Subarachnoid Hemorrhage
NIH/NINDS
Co – Principal Investigator

JOURNAL REVIEWS

1. *Journal of Neurointerventional Surgery*, ad hoc reviewer 2015 – Present
2. *World Neurosurgery*, ad hoc reviewer 2014 – Present
3. *Clinical Neurology and Neurosurgery*, ad hoc reviewer 2014 – Present
4. *Journal of Neurosciences in Rural Practice*, ad hoc reviewer 2014 – Present

FORMAL TEACHING OF PEERS

1. “Neurovascular Disease and Treatment for Neurosurgery Residents – The Essentials: A Hands on and practical course”, Harvard Medical School **Course Organizer, Faculty, Speaker.** March 29, 2014. Boston, MA.
2. Stryker Nashville Users Group Host. September 15-16, 2016. Nashville, TN.

LECTURES AND PRESENTATIONS

Local

1. “Stratification of recanalization for patients with endovascular treatment of intracranial aneurysms”. Vanderbilt University Department of Neurological Surgery Grand Rounds. February 6, 2015. Nashville, TN.
2. “Intra-arterial therapy is now the standard of care for large vessel occlusions in acute ischemic stroke”. Vanderbilt University Department of Neurology Grand Rounds. March 6, 2015. Nashville, TN.
3. “Code stroke and intra-arterial stroke therapy”. Vanderbilt University, Division of Vascular Surgery, Department of General Surgery Grand Rounds. August 6, 2015. Nashville, TN.
4. "Surgical clipping of intracranial aneurysms and intraoperative rupture management". Vanderbilt University Department of Neurological Surgery Operating Room Grand Rounds. September 25, 2015. Nashville, TN.
5. “Bedside matters: How do we care for coworkers when they become patients?” Vanderbilt University Medical Center. October 19, 2016. Nashville, TN.
6. Behind the Scenes: Neurological Surgery. Vanderbilt University Medical Center. November 9, 2016. Nashville, TN.
7. “Aneurysm clipping: The Tenets”. Vanderbilt University Department of Neurological Surgery Grand Rounds. September 23, 2016. Nashville, TN.

Regional

1. “Atherosclerotic carotid disease – What every neurosurgery resident should know”. Neurovascular Disease and Treatment for Neurosurgery Residents – The Essentials: A Hands on and Practical Course, Harvard Medical School. March 29, 2014. Boston, MA.
2. “Progress in endovascular stroke trials and the impact of modern techniques and devices”. Vanderbilt University StrokeNet Modern Techniques and Modern Devices: Endovascular Therapy for Stroke in 2015. February 10, 2015. Nashville, TN.
3. “IA Stroke treatment“. Harold ‘Jobe’ Bernard Stroke and Neuroscience Symposium. October 29, 2015. Nashville, TN.
4. “The FDA and Neuro-intervention“. J.G. Galbraith Research Symposium at University of Alabama at Birmingham. November 6, 2015. Birmingham, AL
5. “Acute Stroke Treatment: An update.” Stroke grand rounds; Baptist Health Madisonville. Madisonville KY June 16, 2016.
6. “Acute Stroke Treatment: An Update.” Stroke grand rounds; Methodist Hospital Hendersonville KY June 22, 2016
7. “The evaluation of AMS; What is important in acute stroke care?” TN EMS Conference. July 14, 2016. Nashville, TN.
8. “Acute stroke care with focus on initial assessment and transport”. Annual TN LifeFlight Conference. August 18, 2016. Nashville, TN.

9. "Novel treatments in ICH" Harold 'Jobe' Bernard Stroke and Neuroscience Symposium. November 3, 2016. Nashville, TN.
10. "Acute Stroke Treatment: An Update" Blanchfield Hospital, Fort Campbell. Medical Ground Rounds. November 10, 2016. Clarksville, TN.
11. "Acute Stroke Treatment: An Update" Jennie Stuart Hospital Medical Grand Rounds. November 30, 2016. Hopkinsville, KY.
12. "Acute Stroke Treatment: An Update and Perspectives on the Future". Maury Regional Hospital Medical Grand Rounds. July 13, 2016. Columbia, TN.
13. "Acute Stroke Treatment: An Update". Livingston Regional Hospital Grand Rounds. January 11, 2017. Livingston, TN.

14. "The Future of Acute Stroke Treatment". Annual TN LifeFlight Conference. August 17, 2017. Nashville, TN.
15. "Fibromuscular Dysplasia: Associations with Carotid Dissections and Intracranial Aneurysms". Vanderbilt Spontaneous Coronary Artery Dissection Patient Symposium. August 26, 2017. Nashville, TN.

National

1. Moderator, Didactic Session – Case Complications. Cerebrovascular Complications Conference. June 12-15, 2016. Jackson, WY.
2. Moderator, Didactic Session – Abstract Presentations. SNIS Annual Meeting. July 25-28, 2016. Boston, MA
3. Planning Committee and Session Moderator. FDA Coordinated Registry Network for Devices Used for Acute Ischemic Stroke (DAISI) Workshop. February 2, 2017. Silver Spring, MD.
4. Moderator, Didactic Session – Abstract Presentations. CV Section Annual Meeting. February 20-21, 2017. Houston, TX.

BIBLIOGRAPHY

1. **Fusco MR**, Harrigan MR. Cerebrovascular dissection – a review. Part I: Spontaneous dissections. *Neurosurgery* 68(1): 242-257; discussion 257, 2011.
2. **Fusco MR**, Harrigan MR. Cerebrovascular dissection – a review. Part II: Blunt cerebrovascular injury. *Neurosurgery*. 68(2): 517-530; discussion 530, 2011.
3. **Fusco MR**, Hankinson TC, Rozzelle CJ. Combined occipito-atlanto-axial rotatory fixation: Case Report. *J Neurosurg Pediatr* 8: 198-204, 2011.
4. Stapleton CJ, **Fusco MR**, Thomas AJ, Levy EI, Ogilvy CS. Traumatic pseudoaneurysms of the superficial temporal artery: case series, anatomy, and multidisciplinary treatment considerations. *J Clin Neurosci*. 2014 Sep;21(0):1529-32.
5. **Fusco MR**, Riley KO. Contralateral brachial plexus palsy and Horner syndrome following vestibular schwannoma resection: A complication of patient positioning. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management* 1(2014): 35-37.
6. **Fusco MR**, Fisher WS, McGrew BM, Walters BC. Current practices in vestibular schwannoma management: A survey of American and Canadian Neurosurgeons. *Clin Neurol Neurosurg*. 2014 Dec;127:143-8.
7. **Fusco MR**, Ogilvy CS. Surgical and Endovascular Management of Cerebral Aneurysms. *Int Anesthesiol Clin*. 2015 Winter;53(1):146-65.
8. Salem MM, **Fusco MR**, Dolati P, Reddy AS, Gross BA, Ogilvy CS, Thomas AJ. Middle meningeal artery arising from the basilar artery: A case report and systematic review of literature. *J Cerebrovasc Endovasc Neurosurg*. 2014 Dec;16(4):364-7.
9. Chua M, Thomas AJ, **Fusco MR**, Ogilvy CS. An unruptured anterior communicating artery aneurysm with bilateral infraoptic anterior cerebral arteries. Case report and review of the literature. *J Cerebrovasc Endovasc Neurosurg*. 2014 Dec;16(4):368-73.
10. Stapleton CJ, Walcott BP, **Fusco MR**, Butler WE, Thomas AJ, Ogilvy CS. Surgical Management of Ruptured Middle Cerebral Artery Aneurysms with Large Intraparenchymal or Sylvian Fissure Hematomas. *Neurosurgery*. 2015 Mar;76(3):258-64.
11. Ogilvy CS, Chua MH, **Fusco MR**, Reddy AS, Thomas AJ. Stratification of Recanalization for Patients with Endovascular Treatment of Intracranial Aneurysms. *Neurosurgery*. 2015 Apr;76(4):390-5.
12. Stapleton CJ, Walcott BP, **Fusco MR**, Thomas AJ, Ogilvy CS. Brain Mapping for Safe Microsurgical Resection of Arteriovenous Malformations in Eloquent Cortex. *World Neurosurg*. 2015 Jun;83(6):1148-56.
13. Ogilvy CS, Chua MH, **Fusco MR**, Harrigan MR, Griessenauer CJ, Siddiqui AH, Levi EI, Synder K, Sonig A, Mitha A, Avery M, Hoh BL, Shores J, Thomas AJ. Validation of a System Designed to Predict Recanalization After All Types of Endovascular Treatment of Intracranial Aneurysms. *Neurosurgery*. 2015 Aug;77(2):168-74.

14. Thomas AJ, Chua M, **Fusco M**, Ogilvy CS, Tubbs RS, Harrigan MR, Griessenauer CJ. Proposal of venous drainage based classification system for carotid cavernous fistulas with validity assessment in a multicenter cohort. *Neurosurgery*. 2015 Sep;77(3):380-5
15. He L, Gao J, Thomas AJ, **Fusco MR**, Ogilvy CS. Disappearance of a Ruptured Distal Flow-Related Aneurysm after Arteriovenous Malformation Nidal Embolization. *World Neurosurg*. 2015 Nov;84(5).
16. **Fusco MR**, Stapleton CJ, Griessenauer CJ, Thomas AJ, Ogilvy CS. Endovascular treatment of Intracranial Infectious Aneurysms in Eloquent Cortex with Superselective Provocative testing: Case Series and Literature Review. *Interv Neuroradiol*. 2016 Apr;22(2):148-52.
17. Griessenauer CJ, Ogilvy CS, Foreman PM, Chua MH, Harrigan MR, Stapleton CJ, Patel AB, He L, **Fusco MR**, Mocco J, Winkler PA, Patel AS, Thomas AJ. Pipeline Embolization Device for small paraophthalmic artery aneurysms with an emphasis on the anatomical relationship of ophthalmic artery origin and aneurysms. *J Neurosurg*. 2016 Mar 4:1-8.
18. **Fusco MR**, Salem MM, Gross BA, Reddy AS, Ogilvy CS, Kasper EM, Thomas AJ. Preoperative Embolization of Extra-axial Hypervascular Tumors with Onyx. *J Cerebrovasc Endovasc Neurosurg*. 2016 Mar;18(1):12-8.
19. Mistry AM, Mistry EA, Ganesh Kumar N, Froehler MT, **Fusco MR**, Chitale RV. Corticosteroids in the Management of Hyponatremia, Hypovolemia, and Vasospasm in Subarachnoid Hemorrhage: A Meta-Analysis. *Cerebrovasc Dis*. 2016;42(3-4):263-71.
20. Salem M, Dolati P, **Fusco MR**, Ogilvy CS, Thomas AJ. Abnormal Large Central Occipital Emissary Vein: A Case Report and Review of the Literature. *Cureus*. 2016 May 8;8(5)e603.
21. Arteaga DF, Strother MK, Davis LT, **Fusco MR**, Faraco CC, Roach BA, Scott AO, Donahue MJ. Planning-free cerebral blood flow territory mapping in patients with intracranial arterial stenosis. *J Cereb Blood Flow Metab*. 2016 Jul.
22. Griessenauer CJ, Ogilvy CS, Foreman PM, Chua MH, Harrigan MR, He L, **Fusco MR**, Mocco JD, Stapleton CJ, Patel AB, Sonig A, Siddiqui AH, Thomas AJ. Pipeline Embolization Device for Small Intracranial Aneurysms: Evaluation of Safety and Efficacy in a Multicenter Cohort. *Neurosurgery*. 2016 Aug 1.
23. He L, Griessenauer CJ, **Fusco MR**, Chua MH, Stapleton CJ, Guidal BT, Thomas AJ, Ogilvy CS. Lasic Aneurysm Clip System for microsurgical clipping of cerebral aneurysms: Transition to a new aneurysm clip system in an established cerebrovascular practice. *World Neurosurg*. 2016 Sep 22.
24. Griessenauer CJ, **Fusco MR**, He L, Chau M, Sieber S, Mazketly AA, Reddy AS, Ogilvy CS, Thomas AJ. Dual diagnostic catheter technique in the endovascular management of anterior communicating artery complex aneurysms. *Surg Neurol Int*. 2016 Sep 21;7:87.
25. Foreman PM, Griessenauer CJ, Kicielinski KP, Schmalz PG, Rocque BG, **Fusco MR**, Sullivan JC, Deveikis JP, Harrigan MR. Reliability assessment of the Biffi Scale for blunt traumatic cerebrovascular injury as detected on computer tomography angiography. *J Neurosurg*. 2016 Oct 21:1-4.

26. Cogswell PM, Davis LT, Strother M, Faraco CC, Scott AO, Jordan L, **Fusco MR**, Frederick B, Hendriks J, Donahue MJ. The impact of vessel wall lesions and vascular stenosis on cerebrovascular reactivity in patients with intracranial stenotic disease. *JMRI*. 2017 Jan.
27. Mistry EA, Mistry AM, Nakawah MO, Khattar NK, Fortuny EM, Cruz AS, Froehler MT, Chitale RC, James RF, **Fusco MR**, Volpi JJ. Systolic blood pressure within 24 hours after thrombectomy for acute ischemic stroke correlates with outcome. *JAHA*. 2017 May 28;6(5).
28. Mistry EA, Mistry AM, Nakawah MO, Chitale RV, James RF, Volpi JJ, **Fusco MR**. Mechanical Thrombectomy Outcomes With and Without Intravenous Thrombolysis in Stroke Patients: A Meta-Analysis. *Stroke*. 2017 Sep;48(9).

Editorial Reviews and Comments

1. **Fusco MR** and Ogilvy CS. Perspectives: has intraoperative near infrared indocyanine green video-angiography replaced formal angiography in aneurysm surgery. *World Neurosurgery*. 2014 Nov;82(5)e587-8.
2. **Fusco MR** and Ogilvy CS. Comments re: Zaidi et al. Indocyanine Green Angiography in the Surgical Management of Cerebral Arteriovenous Malformations: Lessons Learned in 130 Consecutive Cases. *Operative Neurosurgery* 2014;10(2):251.

Newsletter Articles

1. Dolati P, **Fusco MR**, Thomas AJ, Ogilvy CS. “An update about recent randomized controlled trials in stroke” in *Beth Israel Deaconess Medical Center Brain Aneurysm Institute Newsletter*. 2015
2. Vissapragada RR, Kumar VA, Merchant OF, Hwang LK, **Fusco MR**, Ogilvy CS, Thomas AJ. “Material Requirements for Therapeutic Embolization of Intracranial Vascular Malformations” in *Endovascular Today*. Apr 2015.

Book Chapters

1. **Matthew Fusco** and Mark Harrigan. “Acute ischemic stroke” in *Catheter-based cardiovascular interventions: Knowledge-based approach*. P. Lanzer (Ed.), Springer, 2013.
2. R. Shane Tubbs, **Matthew Fusco**, W. Jerry Oakes. “Surgery for Chiari Malformations in Children” in *Schmidek & Sweet Operative Neurosurgical Techniques. Video Contents (6th ed)*. A. Quinones-Hinojosa (Ed.)
3. **Matthew Fusco**, Ajith Thomas, Christopher Ogilvy. “Medical management of elevated intracranial pressure” in *Surgery Casebook*. McGraw Hill. In press.
4. **Matthew Fusco**, Ajith Thomas, Christopher Ogilvy. “Evaluation of traumatic spinal cord injury” in *Surgery Casebook*. McGraw Hill. In press.

5. Mark Dannenbaum, **Matthew Fusco**, Christopher Ogilvy, Arthur Day, and David Mendelow. “Surgery of Anterior and Posterior Circulation Aneurysms” in *Stroke (6th ed) – Pathophysiology, Diagnosis, and Management*. In press.
6. **Matthew Fusco** and Christopher Ogilvy. “Microsurgery of Vertebral Artery and Posterior Inferior Cerebellar Artery Aneurysms” in *Youmans/Winn Neurological Surgery, 7th ed*. In press.

Oral Presentations

1. **Fusco MR**, Walters BC, McGrew BM, Fisher WS. *A survey of current North American practices in vestibular schwannoma management*. J. G. Galbraith Research Symposium, University of Alabama at Birmingham; Birmingham, AL. 2011.
2. **Fusco MR**, Richards BF, Fleming JB, Shannon CN, Walters BC, Harrigan MR. *Safety and cost effectiveness of step-down unit admission following elective neurointerventional procedures*. Oral presentation presented at: J. G. Galbraith Research Symposium, University of Alabama at Birmingham; Birmingham, AL. 2011.
3. Ogilvy CS, **Fusco MR**. *Intracranial aneurysm clipping vs. coiling – What’s new?* Oral presentation presented at: Czech Neurosurgical Society Congress, Bruno, Czech Republic. 2013. (Slides prepared)
4. Ogilvy CS, **Fusco MR**. *Multimodality treatment of ruptured AVMs*. Oral presentation presented at: American Heart Association International Stroke Conference, San Diego, CA. 2014 (Slides prepared)
5. Thomas AJ, Reddy AS, **Fusco MR**, Ogilvy CS. *Watchdog catheter techniques in the endovascular management of anterior communicating artery aneurysms: A technical note*. Oral presentation presented at: New England Neurosurgical Society Meeting, Brewster, MA. 2014.
6. **Fusco MR**, Thomas AJ, Ogilvy CS. *Stratification of outcomes in endovascular stent-assisted aneurysm coiling*. Oral presentation presented at: New England Neurosurgical Society meeting, Brewster, MA. 2014
7. **Fusco MR**, Thomas AJ, Reddy AS, Ogilvy CS. *Cost utility of serial CTA versus MRA for small, unruptured, ICA aneurysms – Are either worth it?* Oral presentation at: CNS Annual Scientific Meeting, Boston, MA. 2014.
8. Ogilvy CS, **Fusco MR**. *Unruptured intracranial aneurysms: Surveillance imaging and recanalization with endovascular treatments*. Oral presentation at: CNS Annual Scientific Meeting, Boston, MA. 2014 (Slides prepared).
9. Roman NS, Pandey S, **Fusco MR**, Thomas AJ, Moonis G. *Vascular anomalies of the spine: A simplified approach*. Oral presentation at: RSNA Annual Scientific Assembly and Meeting, Chicago, IL. 2014
10. **Fusco MR**, Chua M, Thomas AJ, Ogilvy CS. *Intracranial aneurysm recurrence and retreatment following endovascular coiling*. Oral presentation at: TNS Annual Scientific Meeting, Nashville, TN. August, 2015.
11. **Fusco MR**. *Complication avoidance in ruptured aneurysm coiling*. Oral presentation at: Cerebrovascular complications conference, Jackson Hole, WY. June, 2016

12. **Fusco MR.** *Minimally invasive ICH evacuation.* Oral presentation at: TNS Annual Scientific Meeting, Nashville, TN. July, 2016.
13. Watchmaker JM, Frederick BD, Juttukonda MR, Lants SK, Davis LT, **Fusco MR**, Donahue MJ. Time delay processing of BOLD cerebrovascular reactivity data in patients with moyamoya pre- and post-surgical revascularization reveals a potential new indicator of vascular compliance. International Society for Magnetic Resonance in Medicine 25th Annual Meeting. Honolulu, HI. April 2017.

Abstracts

1. **Fusco MR**, Walters BC, McGrew BM, Fisher WS. *A survey of current North American practices in vestibular schwannoma management*. Oral presentation presented at: Neurosurgical Society of Alabama annual state meeting, Orange Beach, AL. 2012.
2. **Fusco MR**, Thomas AJ, Ogilvy CS. Stratification of Outcomes in Endovascular Stent-Assisted Aneurysm Coiling. E-Poster presentation. AANS Annual Scientific Meeting, San Francisco, CA. 2014.
3. Stapleton CJ, Walcott BP, **Fusco MR**, Butler WE, Ogilvy CS. Management of ruptured middle cerebral aneurysms with large intraparenchymal or sylvian fissure hematomas: Surgical results following hematoma evacuation and aneurysm clipping with or without craniectomy. Oral presentation presented at: New England Neurosurgical Society meeting, Brewster, MA. 2014.
4. Reddy S, Thomas A, **Fusco MR**, DiNobile D, Ogilvy C. Tips and Tricks in using Onyx in Preoperative Embolization of Hypervascular Intracranial Tumors. E-Poster presentation at SNIS Annual Meeting, Colorado Springs, CO. 2014.
5. Bonilla-Yoon I, Mazketly AA, **Fusco MR**, Rojas R, Bhadelia R, Hackney D, Ogilvy CS, Thomas AJ. Accuracy of MR angiography analysis in predicting recanalization after primary coiling of intracranial aneurysms. Oral presentation presented at: CNS Annual Scientific Meeting, Boston, MA. 2014.
6. Ogilvy CS, Chua, M, **Fusco MR**, Reddy S, Thomas AJ. Stratification of recanalization for patients with endovascular treatment of intracranial aneurysms. Oral presentation at: American Academy of Neurological Surgery Annual Scientific Meeting, Santa Rosa Beach, FL. 2014.
7. Ogilvy CS, Chua, M, **Fusco MR**, Reddy S, Thomas AJ. Stratification of recanalization for patients with endovascular treatment of intracranial aneurysms. American Academy of Neurological Surgery/Congress of Neurosurgeons Cerebrovascular Section Annual Scientific Meeting, Nashville, TN. 2015.
8. **Fusco MR**, Thomas AJ, Ogilvy CS. Cost effectiveness analysis of surveillance CTA or MRA in small, unruptured intracranial aneurysms. American Academy of Neurological Surgery/Congress of Neurosurgeons Cerebrovascular Section Annual Scientific Meeting, Nashville, TN. 2015.
9. **Fusco MR**, Froehler M, Chua M, Thomas AJ, Ogilvy CS. Pre-treatment prediction of aneurysm recanalization following endovascular coiling: A single-center modification of a validated prediction score. SNIS Annual Scientific Meeting, San Francisco, CA. 2015.
10. Watchmaker J, Fusco MR. Non-invasive arterial spin labeling and BOLD imaging in the assessment of patients with Moyamoya. RSNA 2016.
11. Watchmaker J, Fusco MR. Assessing Parenchymal Hemodynamic Compensation and Stroke Risk in patients with Moyamoya. RSNA 2016.
12. Mistra E, Mistry AM, Nakawah MO, Froehler MT, Chitale R, Fusco MR, Volpi JJ. Higher systolic blood pressure parameters within 24 hours after thrombectomy independently correlates with worse outcomes in stroke patients. ISC Meeting Poster Presentation, Houston, TX. 2017