

Sunday, November 11, 2018

**CURRICULUM VITAE**  
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**EDUCATION:**

Undergraduate: 1995 B.S. University of Vermont – B.S. - Summa Cum Laude

Medical School: 2000 M.D. College of Physicians and Surgeons of Columbia University

**POST GRADUATE TRAINING:**

2000-2001 Brigham and Women's Hospital – General Surgery internship  
2001-2005 University of California, San Francisco – Resident in Surgery  
2005 Northwestern University, Resident in Neurosurgery  
2006-2010 Brown University/Rhode Island Hospital – Resident in Radiology  
2010-2011 Stanford University – Fellow in Diagnostic Neuroradiology  
2011-2013 Stanford University – Clinical Instructor, Interventional Neuroradiology

**POST GRADUATE HONORS AND AWARDS:**

1991 Phi Eta Sigma  
1991-1995 Dean's List, University of Vermont  
1995 George C. Marsh Award for Research in the Life Sciences  
1995 Golden Key National Honor Society - President Elect  
1996 N.I.H. Dean's Medical Student Summer Research Fellowship  
1998 American Heart Association Medical Student Research Fellowship  
1999 American Heart Association 72nd Scientific Session - Young Investigator Prize in Thrombosis - Finalist  
1999 Glenn/American Federation for Aging Research Award/Fellowship  
1999 Glorney-Raisbeck Medical Student Fellow in Cardiovascular Medicine

1999	N.I.H. Grant for Electives in Biomedical Research
1999	Dean's Day/Alfred Steiner Awards – Finalist
2002	American Society of Transplantation Travel Award
2002-2004	NIH/NRSA UCSF Training Grant in Hepatology – Research Fellow
2003	AASLD Liver Scholar Travel Award
2007	Siemens-AUR Radiology Resident Academic Development (SARRAD) Award
2010	RSNA Research award
2013	Stanford University Radiology Resident Teaching Award
2018	Rhode Island Hospital Service to the Community Award

## **MILITARY SERVICE**

None

## **PROFESSIONAL LICENSES AND BOARD CERTIFICATION:**

Medical College Admissions Test (MCAT) – 36T (98%)  
 United States Medical Licensing Examination (USMLE) Step 1 - 247 (98%)  
 USMLE Step 2 - 228 (85%)  
 USMLE Step 3 - Pass  
 American Board of Surgery Examination (ABSITE) 90-99% 2002-05  
 American Board of Radiology Physics Examination 95% - 2007  
 American Board of Radiology Written Examination 99% - 2008  
 American Board of Radiology Oral Examination - May 23, 2010

### **Medical Licensure**

California Medical License - A112669  
 Ohio Medical License – 35.122.151  
 Florida Medical License - ME116783  
 Rhode Island Medical License MD14960

## **ACADEMIC APPOINTMENTS:**

2018 – present	Associate Professor Diagnostic Imaging Warren Alpert Medical School of Brown University
2018 – present	Associate Professor of Neurology Warren Alpert Medical School of Brown University
2018 – present	Associate Professor of Neurosurgery Warren Alpert Medical School of Brown University

2015 – 2018           Assistant Professor Diagnostic Imaging  
Warren Alpert Medical School of Brown University

2015 – 2018   Assistant Professor of Neurology  
Warren Alpert Medical School of Brown University

2015 – 2018           Assistant Professor of Neurosurgery  
Warren Alpert Medical School of Brown University

#### **HOSPITAL APPOINTMENTS:**

2013-2015           Associate Staff, Cleveland Clinic Florida  
Weston, FL

2013-2015           Associate Staff, Cleveland Clinic  
Cleveland, OH

2015 – Present       Rhode Island Hospital  
Providence, RI

2015 – Present       The Miriam Hospital  
Providence, RI

2015 – Present       Woman and Infants' Hospital  
Providence, RI

#### **OTHER APPOINTMENTS**

#### **HOSPITAL COMMITTEES**

2013   Director of Neurointerventional Services Cleveland Clinic Florida  
2015   Neurovascular Center Planning Committee  
2017   Director of Neurointerventional Services Rhode Island Hospital  
2017   Co-Director Comprehensive Stroke Center

#### **OTHER APPOINTMENTS:**

1991-1995	New England Botanical Club
1991-1995	American Medical Student Association
2001-2005	American College of Surgeons – Candidate Group
2002-2005	Associate Member UCSF Liver Center
2003-2004	Surgery Representative – Medical Staff Training Committee
2002-2005	Member – American Society of Transplantation
2006-	American College of Radiology
2010-	Society of Neurointerventional Surgery (SNIS)
2014	Senior Member, American Society of Neuroradiology
2014	American Heart Association
2014-	SNIS Standards and Guidelines Committee

#### **MEMBERSHIP IN SOCIETIES:**

2006 –	American College of Radiology
2010-	Senior Member, American Society of Neuroradiology
2010-	Senior Member, Society of Neurointerventional Surgery
	Ad hoc reviewer, Journal of NeuroInterventional Surgery
	Standards and Guidelines committee, Jan 2014-present
	Program Committee, 2016 SNIS Annual Meeting
2015	American Heart Association

#### **ACTIVE SCIENTIFIC INVESTIGATIONS:**

##### **SITE PRINCIPAL INVESTIGATOR**

Endovascular Therapy Following Imaging Evaluation for Ischemic Stroke 3 (DEFUSE 3)

A Multicentre, Randomized, Double-blinded, Placebo-controlled, Parallel Group, Single dose Design to Determine the Efficacy and Safety of Intravenous NA-1 in Subjects with Acute Ischemic Stroke Undergoing Endovascular Thrombectomy (ESCAPE-NA1 Trial)

##### **PUBLICATION LIST:**

1. Du Yan S, Zhu Y, Stern ED, et al. Amyloid beta -peptide-binding alcohol dehydrogenase is a component of the cellular response to nutritional stress. J Biol Chem 2000;275(35):27100-9

2. Huang J, Choudhri TF, Winfree CJ, et al. Postischemic cerebrovascular E-selectin expression mediates tissue injury in murine stroke. *Stroke* 2000;31(12):3047-53
3. Huang J, Agus DB, Winfree CJ, et al. Dehydroascorbic acid, a blood-brain barrier transportable form of vitamin C, mediates potent cerebroprotection in experimental stroke. *Proc Natl Acad Sci U S A* 2001;98(20):11720-4
4. Pinsky DJ, Broekman MJ, Peschon JJ, et al. Elucidation of the thromboregulatory role of CD39/ectoapyrase in the ischemic brain. *J Clin Invest* 2002;109(8):1031-40
5. McTaggart RA, Gottlieb D, Brooks J, et al. Sirolimus prolongs recovery from delayed graft function after cadaveric renal transplantation. *Am J Transplant* 2003;3(4):416-23
6. Beer S, Zetterberg A, Ihrle RA, et al. Developmental context determines latency of MYC-induced tumorigenesis. *PLoS Biol* 2004;2(11):e332 doi: 10.1371/journal.pbio.0020332[published Online First: Epub Date] | .
7. McTaggart RA, Feng S. An uncomfortable silence em leader while we all search for a better reporter gene in adult stem cell biology. *Hepatology* 2004;39(4):1143-6 doi: 10.1002/hep.20192[published Online First: Epub Date] | .
8. McTaggart RA, Terrault NA, Vardanian AJ, Bostrom A, Feng S. Hepatitis C etiology of liver disease is strongly associated with early acute rejection following liver transplantation. *Liver Transpl* 2004;10(8):975-85 doi: 10.1002/lt.20213[published Online First: Epub Date] | .
9. McTaggart RA, Tomlanovich S, Bostrom A, Roberts JP, Feng S. Comparison of outcomes after delayed graft function: sirolimus-based versus other calcineurin-inhibitor sparing induction immunosuppression regimens. *Transplantation* 2004;78(3):475-80
10. Carter JT, Freise CE, McTaggart RA, et al. Laparoscopic procurement of kidneys with multiple renal arteries is associated with increased ureteral complications in the recipient. *Am J Transplant* 2005;5(6):1312-8 doi: 10.1111/j.1600-6143.2005.00859.x[published Online First: Epub Date] | .
11. McTaggart RA, Tomlanovich SJ, Feng S. Impact of sirolimus on early graft function after deceased-donor kidney transplantation. *Transplantation* 2005;79(8):991; author reply 91-2
12. McTaggart RA, Dupuy DE. Thermal ablation of lung tumors. *Tech Vasc Interv Radiol* 2007;10(2):102-13 doi: 10.1053/j.tvir.2007.09.004[published Online First: Epub Date] | .
13. Yeh BM, Coakley FV, Westphalen AC, et al. Predicting biliary complications in right lobe liver transplant recipients according to distance between donor's bile duct and corresponding hepatic artery. *Radiology* 2007;242(1):144-51 doi: 10.1148/radiol.2421052094[published Online First: Epub Date] | .
14. McTaggart RA, Jayaraman MV, Haas RA, Feldmann E. Intracranial atherosclerotic disease: epidemiology, imaging and treatment. *Med Health R I* 2009;92(12):412-4

15. Jayaraman MV, McTaggart RA, Sachs GM, Doberstein CE. Cerebellar pial arteriovenous malformations presenting with medullary venous hypertension: imaging and endovascular treatment. *J Neurointerv Surg* 2010;2(1):38-40 doi: 10.1136/jnis.2009.000471[published Online First: Epub Date] | .
16. McTaggart RA, Raghavan D, Haas RA, Jayaraman MV. StarClose vascular closure device: safety and efficacy of deployment and reaccess in a neurointerventional radiology service. *AJNR Am J Neuroradiol* 2010;31(6):1148-50 doi: 10.3174/ajnr.A2001[published Online First: Epub Date] | .
17. Melcher ML, Pomposelli JJ, Verbese JE, et al. Comparison of biliary complications in adult living-donor liver transplants performed at two busy transplant centers. *Clin Transplant* 2010;24(5):E137-44 doi: 10.1111/j.1399-0012.2009.01189.x[published Online First: Epub Date] | .
18. McTaggart RA, Fischbein NJ, Elkins CJ, et al. Extracranial venous drainage patterns in patients with multiple sclerosis and healthy controls. *AJNR Am J Neuroradiol* 2012;33(8):1615-20 doi: 10.3174/ajnr.A3097[published Online First: Epub Date] | .
19. McTaggart RA, Santarelli JG, Marcellus ML, et al. Delayed retraction of the pipeline embolization device and corking failure: pitfalls of pipeline embolization device placement in the setting of a ruptured aneurysm. *Neurosurgery* 2013;72(2 Suppl Operative):onsE245-50; discussion onsE50-1 doi: 10.1227/NEU.0b013e31827fc9be[published Online First: Epub Date] | .
20. Alexander M, McTaggart R, Santarelli J, et al. Multimodality evaluation of dural arteriovenous fistula with CT angiography, MR with arterial spin labeling, and digital subtraction angiography: case report. *J Neuroimaging* 2014;24(5):520-3 doi: 10.1111/jon.12032[published Online First: Epub Date] | .
21. Alexander MD, McTaggart RA, Choudhri OA, Marcellus ML, Do HM. Percutaneous sclerotherapy with ethanolamine oleate for lymphatic malformations of the head and neck. *J Neurointerv Surg* 2014;6(9):691-4 doi: 10.1136/neurintsurg-2013-010925[published Online First: Epub Date] | .
22. Marks MP, Lansberg MG, Mlynash M, et al. Correlation of AOL recanalization, TIMI reperfusion and TICI reperfusion with infarct growth and clinical outcome. *J Neurointerv Surg* 2014;6(10):724-8 doi: 10.1136/neurintsurg-2013-010973[published Online First: Epub Date] | .
23. Marks MP, Lansberg MG, Mlynash M, et al. Angiographic outcome of endovascular stroke therapy correlated with MR findings, infarct growth, and clinical outcome in the DEFUSE 2 trial. *Int J Stroke* 2014;9(7):860-5 doi: 10.1111/ijs.12271[published Online First: Epub Date] | .
24. Marks MP, Lansberg MG, Mlynash M, et al. Effect of collateral blood flow on patients undergoing endovascular therapy for acute ischemic stroke. *Stroke* 2014;45(4):1035-9 doi: 10.1161/STROKEAHA.113.004085[published Online First: Epub Date] | .

25. McTaggart RA, Marks MP. The case for angioplasty in patients with symptomatic intracranial atherosclerosis. *Front Neurol* 2014;5:36 doi: 10.3389/fneur.2014.00036[published Online First: Epub Date] | .
26. Antevy P, McTaggart RA, Jayaraman MV. A revolution in stroke care. The results of recent stroke trials will have a profound impact on the EMS community. *EMS World* 2015;44(5):21-5
27. Jayaraman MV, Hussain MS, Abruzzo T, et al. Embolectomy for stroke with emergent large vessel occlusion (ELVO): report of the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. *J Neurointerv Surg* 2015;7(5):316-21 doi: 10.1136/neurintsurg-2015-011717[published Online First: Epub Date] | .
28. Lee SK, Hetts SW, Halbach V, et al. Standard and Guidelines: Intracranial Dural Arteriovenous Shunts. *J Neurointerv Surg* 2015 doi: 10.1136/neurintsurg-2015-012116[published Online First: Epub Date] | .
29. McTaggart RA, Choudhri OA, Marcellus ML, et al. Use of thromboelastography to tailor dual-antiplatelet therapy in patients undergoing treatment of intracranial aneurysms with the Pipeline embolization device. *J Neurointerv Surg* 2015;7(6):425-30 doi: 10.1136/neurintsurg-2013-011089[published Online First: Epub Date] | .
30. McTaggart RA, Jovin TG, Lansberg MG, et al. Alberta stroke program early computed tomographic scoring performance in a series of patients undergoing computed tomography and MRI: reader agreement, modality agreement, and outcome prediction. *Stroke* 2015;46(2):407-12 doi: 10.1161/STROKEAHA.114.006564[published Online First: Epub Date] | .
31. Alexander MD, McTaggart RA, Choudhri OA, et al. Quantitative volumetric analysis of head and neck venous and lymphatic malformations to assess response to percutaneous sclerotherapy. *Acta Radiol* 2016;57(2):205-9 doi: 10.1177/0284185115575779[published Online First: Epub Date] | .
32. Goyal M, Menon BK, Krings T, et al. What constitutes the M1 segment of the middle cerebral artery? *J Neurointerv Surg* 2016 doi: 10.1136/neurintsurg-2015-012191[published Online First: Epub Date] | .
33. Jayaraman MV, McTaggart RA. Future acute ischemic stroke trials should randomize on the angio table. *J Neurointerv Surg* 2016;8(e1):e1 doi: 10.1136/neurintsurg-2014-011263[published Online First: Epub Date] | .
34. Khatibi K, Choudhri O, Connolly ID, McTaggart RA, Do HM. Asystole During Onyx Embolization of a Pediatric Arteriovenous Malformation: A Severe Case of the Trigemino-cardiac Reflex. *World Neurosurg* 2016 doi: 10.1016/j.wneu.2016.07.025[published Online First: Epub Date] | .

35. Lavine SD, Cockroft K, Hoh B, et al. Training Guidelines for Endovascular Stroke Intervention: An International Multi-Society Consensus Document. *Interv Neurol* 2016;5(1-2):51-6 doi: 10.1159/000444945[published Online First: Epub Date] | .
36. Lavine SD, Cockroft K, Hoh B, et al. Training guidelines for endovascular stroke intervention: an international multi-society consensus document. *Neuroradiology* 2016;58(6):537-41 doi: 10.1007/s00234-016-1667-0[published Online First: Epub Date] | .
37. Lavine SD, Cockroft K, Hoh B, et al. Training Guidelines for Endovascular Ischemic Stroke Intervention: An International Multi-Society Consensus Document. *AJNR Am J Neuroradiol* 2016;37(4):E31-4 doi: 10.3174/ajnr.A4766[published Online First: Epub Date] | .
38. McTaggart RA, Tung EL, Yaghi S, et al. Continuous aspiration prior to intracranial vascular embolectomy (CAPTIVE): a technique which improves outcomes. *J Neurointerv Surg* 2016 doi: 10.1136/neurintsurg-2016-012838[published Online First: Epub Date] | .
39. Pride GL, Fraser JF, Gupta R, et al. Prehospital care delivery and triage of stroke with emergent large vessel occlusion (ELVO): report of the Standards and Guidelines Committee of the Society of Neurointerventional Surgery. *J Neurointerv Surg* 2016 doi: 10.1136/neurintsurg-2016-012699[published Online First: Epub Date] | .
40. Yakhkind A, McTaggart RA, Jayaraman MV, Siket MS, Silver B, Yaghi S. Minor Stroke and Transient Ischemic Attack: Research and Practice. *Front Neurol* 2016;7:86 doi: 10.3389/fneur.2016.00086[published Online First: Epub Date] | .
41. Jayaraman MV, Iqbal A, Silver B, et al. Developing a statewide protocol to ensure patients with suspected emergent large vessel occlusion are directly triaged in the field to a comprehensive stroke center: how we did it. *J Neurointerv Surg* 2017;9(3):330-32 doi: 10.1136/neurintsurg-2016-012275[published Online First: Epub Date] | .
42. McTaggart RA, Ansari SA, Goyal M, et al. Initial hospital management of patients with emergent large vessel occlusion (ELVO): report of the standards and guidelines committee of the Society of NeuroInterventional Surgery. *J Neurointerv Surg* 2017;9(3):316-23 doi: 10.1136/neurintsurg-2015-011984[published Online First: Epub Date] | .
43. McTaggart RA, Yaghi S, Baird G, Haas RA, Jayaraman MV. Decreasing procedure times with a standardized approach to ELVO cases. *J Neurointerv Surg* 2017;9(1):2-5 doi: 10.1136/neurintsurg-2016-012518[published Online First: Epub Date] | .
44. Stone JA, Willey JZ, Keyrouz S, et al. Therapies for Hemorrhagic Transformation in Acute Ischemic Stroke. *Curr Treat Options Neurol* 2017;19(1):1 doi: 10.1007/s11940-017-0438-5[published Online First: Epub Date] | .
45. Teleb MS, Ver Hage A, Carter J, Jayaraman MV, McTaggart RA. Stroke vision, aphasia, neglect (VAN) assessment-a novel emergent large vessel occlusion screening tool: pilot study and



comparison with current clinical severity indices. *J Neurointerv Surg* 2017;9(2):122-26 doi: 10.1136/neurintsurg-2015-012131[published Online First: Epub Date] | .

46. Yaghi S, Herber C, Boehme AK, et al. The Association between Diffusion MRI-Defined Infarct Volume and NIHSS Score in Patients with Minor Acute Stroke. *J Neuroimaging* 2017 doi: 10.1111/jon.12423[published Online First: Epub Date] | .

47. McTaggart RA, Yaghi S, Sacchetti DC, et al. Mechanical embolectomy for acute ischemic stroke beyond six hours from symptom onset using MRI based perfusion imaging. *J Neurol Sci* 2017;**375**:395-400 doi: 10.1016/j.jns.2017.02.044[published Online First: Epub Date] | .

48. Doberstein CA, Torabi R, Yan SC, McTaggart R, Doberstein C, Jayaraman M. Current Strategies in the Surgical Management of Ischemic Stroke. *R I Med J (2013) 2017*;**100**(6):25-29

49. Tung EL, McTaggart RA, Baird GL, et al. Rethinking Thrombolysis in Cerebral Infarction 2b: Which Thrombolysis in Cerebral Infarction Scales Best Define Near Complete Recanalization in the Modern Thrombectomy Era. *Stroke; a journal of cerebral circulation* 2017 doi: 10.1161/STROKEAHA.117.017182[published Online First: Epub Date] | .

50. Jayaraman MV, McTaggart RA, Goyal M. Unresolved Issues in Thrombectomy. *Curr Neurol Neurosci Rep* 2017;**17**(9):69 doi: 10.1007/s11910-017-0776-4[published Online First: Epub Date] | .

51. Goyal M, Wilson AT, Kamal N, et al. Amartya Sen and the Organization of Endovascular Stroke Treatment. *Stroke; a journal of cerebral circulation* 2017;**48**(8):2310-12 doi: 10.1161/STROKEAHA.117.017136[published Online First: Epub Date]

52. McTaggart RA, Yaghi S, Cutting SM, et al. Association of a Primary Stroke Center Protocol for Suspected Stroke by Large-Vessel Occlusion With Efficiency of Care and Patient Outcomes. *JAMA Neurol* 2017;**74**(7):793-800 doi: 10.1001/jamaneurol.2017.0477[published Online First: Epub Date] | .

53. Dakay K, Chang AD, Hemendinger M, Cutting S, McTaggart RA, Jayaraman MV, Chu A, Panda N, Song C, Merkler A, Gialdini G, Kummer B, Lerario MP, Kamel H, Elkind MSV, Furie KL, Yaghi S. Left Atrial Enlargement and Anticoagulation Status in Patients with Acute Ischemic Stroke and Atrial Fibrillation. *J Stroke Cerebrovasc Dis.* 2017 Sep 13

54. Leslie-Mazwi T, Chen M, Yi J, Starke RM, Hussain MS, Meyers PM, McTaggart RA, Pride GL, Ansari S, Abruzzo T, Albani B, Arthur AS, Baxter BW, Bulsara KR, Delgado Almandoz JE, Gandhi CD, Heck D, Hetts SW, Klucznik RP, Jayaraman MV, Lee SK, Mack WJ, Mocco J, Prestigiacomo C, Patsalides A, Rasmussen P, Sunenshine P, Frei D, Fraser JF; Standards and Guidelines committee of the Society of NeuroInterventional Surgery (SNIS). Post-thrombectomy management of the ELVO patient: Guidelines from the Society of NeuroInterventional Surgery. *J Neurointerv Surg.* 2017 Sep 29.

55. Albers GW, Marks MP, Kemp S, Christensen S, Tsai JP, Ortega-Gutierrez S, McTaggart RA, Torbey MT, Kim-Tenser M, Leslie-Mazwi T, Sarraj A, Kasner SE, Ansari SA, Yeatts SD, Hamilton S, Mlynash M, Heit JJ, Zaharchuk G, Kim S, Carrozzella J, Palesch YY, Demchuk AM, Bammer R, Lavori PW, Broderick JP, Lansberg MG; DEFUSE 3 Investigators. Thrombectomy for Stroke at 6 to 16 Hours with Selection by Perfusion Imaging. *N Engl J Med*. 2018 Jan 24. doi: 10.1056/NEJMoa1713973.
56. Gandhi CD, Al Mufti F, Singh IP, Abruzzo T, Albani B, Ansari SA, Arthur AS, Bain M, Baxter BW, Bulsara KR, Caplan JM, Chen M, Dabus G, Frei D, Hetts SW, Hussain MS, Jayaraman MV, Kayan Y, Klucznik RP, Lee SK, Mack WJ, Leslie-Mazwi T, McTaggart RA, Meyers PM, Mokin M, Patsalides AT, Prestigiacomo CJ, Pride GL Jr, Starke RM, Sunenshine PJ, Fraser JF; Standards and Guidelines committee of the Society of NeuroInterventional Surgery (SNIS). Neuroendovascular management of emergent large vessel occlusion: update on the technical aspects and standards of practice by the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. *J Neurointerv Surg*. 2018 Jan 11. pii: neurintsurg-2017-013554.
57. Yaghi S, Chang AD, Ricci BA, Jayaraman MV, McTaggart RA, Hemendinger M, Narwal P, Dakay K, Mac Grory B, Cutting SM, Burton TM, Song C, Mehanna E, Siket M, Madsen TE, Reznik M, Merkler AE, Lerario MP, Kamel H, Elkind MSV, Furie KL. Early Elevated Troponin Levels After Ischemic Stroke Suggests a Cardioembolic Source. *Stroke*. 2018 Jan;49(1):121-126. doi: 10.1161/STROKEAHA.117.019395.
58. Sacchetti DC, Cutting SM, McTaggart RA, Chang AD, Hemendinger M, Mac Grory B, Siket MS, Burton T, Thompson B, Rostanski SK, Prabhakaran S, Willey JZ, Marshall RS, Elkind MS, Khatri P, Furie KL, Jayaraman MV, Yaghi S. Perfusion imaging and recurrent cerebrovascular events in intracranial atherosclerotic disease or carotid occlusion. *Int J Stroke*. 2018 Jan 1:1747493018764075. doi: 10.1177/1747493018764075.
59. James B, Chang AD, McTaggart RA, Hemendinger M, Mac Grory B, Cutting SM, Burton TM, Reznik ME, Thompson B, Wendell L, Mahta A, Siket M, Madsen TE, Sheth KN, Nouh A, Furie KL, Jayaraman MV, Khatri P, Yaghi S. Predictors of symptomatic intracranial haemorrhage in patients with an ischaemic stroke with neurological deterioration after intravenous thrombolysis. *J Neurol Neurosurg Psychiatry*. 2018 Feb 27. pii: jnnp-2017-317341. doi: 10.1136/jnnp-2017-317341.
60. Jayaraman MV, McTaggart RA. Endovascular Treatment of Anterior Circulation Large Vessel Occlusion in the Elderly. *Front Neurol*. 2018 Jan 19;8:713. doi: 10.3389/fneur.2017.00713. eCollection 2017. Review.
61. Yaghi S, Chang AD, Hung P, Mac Grory B, Collins S, Gupta A, Reynolds J, Finn CB, Hemendinger M, Cutting SM, McTaggart RA, Jayaraman M, Leasure A, Sansing L, Panda N, Song C, Chu A, Merkler A, Gialdini G, Sheth KN, Kamel H, Elkind MSV, Greer D, Furie K, Atalay M. Left Atrial Appendage Morphology and Embolic Stroke of Undetermined Source: A Cross-Sectional Multicenter Pilot Study. *J Stroke Cerebrovasc Dis*. 2018 Feb 2. pii: S1052-3057(17)30710-3. doi: 10.1016/j.jstrokecerebrovasdis.2017.12.036. [Epub ahead of print]

62. James B, Chang AD, McTaggart RA, Hemendinger M, Mac Grory B, Cutting SM, Burton TM, Reznik ME, Thompson B, Wendell L, Mahta A, Siket M, Madsen TE, Sheth KN, Nouh A, Furie KL, Jayaraman MV, Khatri P, Yaghi S. Predictors of symptomatic intracranial haemorrhage in patients with an ischaemic stroke with neurological deterioration after intravenous thrombolysis. *J Neurol Neurosurg Psychiatry*. 2018 Feb 27.
63. Ricci B, Chang AD, Hemendinger M, Dakay K, Cutting S, Burton T, Mac Grory B, Narwal P, Song C, Chu A, Mehanna E, McTaggart R, Jayaraman M, Furie K, Yaghi S. A Simple Score That Predicts Paroxysmal Atrial Fibrillation on Outpatient Cardiac Monitoring after Embolic Stroke of Unknown Source. *J Stroke Cerebrovasc Dis*. 2018 Jun;27(6):1692-1696.
64. Goyal M, Menon BK, Wilson AT, Almekhlafi MA, McTaggart R, Jayaraman M, Demchuk AM, Hill MD. Primary to comprehensive stroke center transfers: Appropriateness, not futility. *Int J Stroke*. 2018 Jan 1
65. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, Mac Grory BC, Burton TM, Cutting SM, Thompson BB, Wendell LC, Mahta A, Potter NS, Daiello LA, Kosar CM, Jones RN, Furie KL. Level of consciousness at discharge and associations with outcome after ischemic stroke. *J Neurol Sci*. 2018 Jul 15;390:102-107.
66. Jayaraman MV, Kishkovich T, Baird GL, Hemendinger ML, Tung EL, Yaghi S, Cutting S, Saad A, Burton TM, Mac Grory B, Haas RA, Furie KL, McTaggart RA. Association between age and outcomes following thrombectomy for anterior circulation emergent large vessel occlusion is determined by degree of recanalisation. *J Neurointerv Surg*. 2018 Jun 1.
67. Hidayat DT, McTaggart RA, Baird G, Yaghi S, Hemendinger M, Tung EL, Dibiasio EL, Haas RA, Jayaraman MV. Accuracy of smartphone-based evaluation of Emergent Large Vessel Occlusion on CTA. *Clin Neurol Neurosurg*. 2018 Aug;171:135-138.
68. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, Mac Grory BC, Burton TM, Cutting SM, Siket MS, Madsen TE, Thompson BB, Wendell LC, Mahta A, Potter NS, Furie KL. Baseline NIH Stroke Scale is an inferior predictor of functional outcome in the era of acute stroke intervention. *Int J Stroke*. 2018 Oct;13(8):806-810.
69. Madsen TE, DeCrose-Movson E, Hemendinger M, McTaggart RA, Yaghi S, Cutting S, Furie KL, Saad A, Siket MS, Jayaraman MV. Sex differences in 90-day outcomes after mechanical thrombectomy for acute ischemic stroke. *J Neurointerv Surg*. 2018 Aug 10.
70. Goyal M, Almekhlafi MA, Cognard C, **McTaggart R**, Blackham K, Biondi A, van der Lugt A, Majoie CBLM, van Zwam WH, van der Worp HB, Hill MD. Which patients with acute stroke due to proximal occlusion should not be treated with endovascular thrombectomy? *Neuroradiology*. 2018 Oct 25. doi: 10.1007/s00234-018-2117-y.

## **BOOKS AND BOOK CHAPTERS**

Ryan A. McTaggart and Damian E. Dupuy. "Image-guided Ablation in the Thorax." *Interventional Oncology: Principles and Practice* Eds. Jean-Francois Geschwind and Michael C. Soulen. 2010. 440-74.

## **INVITED PRESENTATIONS**

1. "Leaving No ELVO behind: Hyperacute MRI and Mobile Stroke". Neurology Grand Rounds. Brown University/Rhode Island Hospital. January 20, 2016 (Regional)
2. "EMS Protocols". AIMSymposium. New York, NY. November 17<sup>th</sup>, 2016 (International)
3. "Early Vessel Imaging At Primary Stroke Centers Improves Clinical Outcomes Of Patients Transferred For Thrombectomy". International Stroke Conference. Houston, Texas February 23<sup>rd</sup>, 2017 (International).
4. "A novel PSC ELVO protocol that leaves no ELVO behind". 5T Stroke conference. Banff, Alberta, Canada. March 11<sup>th</sup>, 2017 (International)
5. "My approach to difficult clot". 5T Stroke conference. Banff, Alberta, Canada. March 12<sup>th</sup>, 2017 (International)
6. "EMS Protocols" American Society of Neuroradiology 55<sup>th</sup> Annual meeting. Long Beach, CA. April 24<sup>th</sup>, 2017 (International)
7. Pseudo-live cases. 6<sup>th</sup> International Endovascular Stroke Conference. New York, NY. May 1-3, 2017. (International)
8. "Providence Do's and Don'ts". AIMSymposium. New York, NY. November 16<sup>th</sup>, 2017 (International)
9. "EMS Triage to CSC Reduces Time to Treatment and Improves Outcomes in Patients With Large Vessel Occlusion". International Stroke Conference. Los Angeles, California. January 25, 2018 (International)
10. "Door In Door Out Time at Primary Stroke Centers Predicts Outcomes for Patients with Large Vessel Occlusion Stroke". International Stroke Conference. Los Angeles, California. January 25, 2018 (International)
11. "Optimizing Time to Treatment in Stroke Systems". 15<sup>th</sup> Annual Society of Neurointerventional Surgery Meeting July 23, 2018 (International)

12. “Delivering the Cure for ELVO Stroke – the little State that does” Southern New England Heart Ball October 12, 2018
13. “Improving Early Access to Mechanical Thrombectomy”. Grand Rounds Cape Cod Hospital October 17, 2018 (Regional)
14. EMS Destination Protocols: Getting the best patient outcomes. Society of Vascular and Interventional Neurology 11<sup>th</sup> Annual Meeting. November 11, 2018 (International)

## **UNIVERSITY TEACHING ROLES**

Brown University

Rad-629 - Diagnostic Radiology

August 2015 – Present

Responsible for teaching Brown Medical students rotating through department of Diagnostic Imaging.

Rad-636 – Neuroradiology

August 2015 – Present

Responsible for teaching Brown Medical students rotating through Neuroradiology elective.

Rad-627 – Longitudinal Ambulatory Clerkship in Vascular & Interventional Radiology

August 2015 – Present

Involved in introducing Brown Medical students to clinical aspects of patient evaluation and workup for patients with cerebrovascular disease who may be candidates for endovascular treatment.

Rad-632 – Vascular & Interventional Radiology

August 2015 – Present

Involved with teaching Brown Medical students who rotate through the VIR section during the elective, especially with aspects pertaining to Interventional Neuroradiology – patient selection, approach to minimally invasive therapy selection and post-treatment management.

## **HOSPITAL TEACHING ROLES**

Stanford University

Department of Radiology

Responsible for teaching Radiology residents, and Neuroradiology fellows

July 2010-June 2013

Rhode Island Hospital

Department of Diagnostic Imaging

Responsible for teaching Radiology residents and fellows

August 2015-Present

Department of Neurosurgery

Responsible for education of residents, including during the mandatory Interventional Neuroradiology rotation

August 2015 – Present

Department of Neurology

Responsible for the education of residents, including monthly morning report and during conferences.

