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EDUCATION

1995 B.S. Chemistry-Biology; West Chester University, West Chester, PA
2001 M.D. Tulane University School of Medicine, New Orleans, LA
2001-2002 Intern (Surgery), University of Maryland Medical Center, Baltimore, MD
2002-2007 Resident (Neurosurgery), University of Maryland Medical Center, Baltimore, MD
2004-2005 Interventional Neuroradiology 12-Month Elective Rotation, University of
Maryland Medical Center, Baltimore MD
2006-2007 Chief Resident (Neurosurgery), University of Maryland Medical. Center,
Baltimore, MD
2007-2009 Fellow (Cerebrovascular and Endovascular Neurosurgery), Vanderbilt
University Medical Center, Nashville, TN

ADDITIONAL COURSES ATTENDED

02/2012 Pipeline Embolization Device Training Course, Atlanta GA (Covidien-EV3)
10/2012 LANX-Lateral Lumbar Interbody Fusion Course, Cadaveric Lab
10/2012 Stryker-Cerebrovascular and Skull Base Cadaveric Course (Faculty: Michael T.
Lawton, MD)
1/13-17/2014 Principles and Practices of Gamma Knife Radiosurgery Special Emphasis on
Perflexion Training: University of Pittsburgh Center for Image-Guided
Neurosurgery.
05/18/2015 Apollo ICH/IVH Cadaver Course (Penumbra Inc.)

ACADEMIC APPOINTMENTS

7/2007-6/2009 Instructor of Clinical Neurosurgery, Department of Neurological Surgery
Vanderbilt University School of Medicine; Nashville, TN

7/2009-6/2012 Clinical Assistant Professor, Director, Cerebrovascular and Endovascular
Neurosurgery, Division of Neurosurgery, Brody School of Medicine at East
Carolina University; Greenville, NC

7/2012-6/2014 Assistant Professor (Tenure Track), Director, Cerebrovascular and
Endovascular Neurosurgery, Division of Neurosurgery
Brody School of Medicine at East Carolina University; Greenville, NC

7/2014-Current Associate Professor, Chief, Vascular Neurosurgery, Department of
Neurosurgery University of Louisville School of Medicine; Louisville, KY

CERTIFICATION AND LICENSURE

5/01/2007 Tennessee Medical License #42422; Retired 5/31/2009
2/25/2009 North Carolina Medical License #2009-00232; Expires 5/19/2016
5/15/2013 Diplomat, American Board of Neurological Surgery #33004; expires 12/31/2023
11/15/2013 Texas Medical License #P8370; Expires 11/30/2016
6/19/2014 Kentucky Medical License # 47157; Expires: 2/29/2016

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

Member, Congress of Neurological Surgeons (CNS)
Fellow, American Association of Neurological Surgeons (AANS)
Member, Joint Cerebrovascular Section of AANS/CNS (CV Section)
Member, AANS/CNS Section on Neurotrauma & Critical Care
Fellow, American College of Surgeons (ACS)
Endovascular Neurosurgery Research Group (ENRG) [by Invitation Only]
Senior Member, Society of NeuroInterventional Surgery (SNIS)
ECCSFN- East Carolina Chapter of the Society for Neuroscience
Neurocritical Care Society
American Heart Association / American Stroke Association (AHA / ASA)
Southern Neurosurgical Society (Membership Pending)

HONORS AND AWARDS

1998-2001 Cecil Legare Medical Scholarship
1999 Southern Medical Association Research Grant Award
2000 Alpha Omega Alpha (AOA) Student Research Fellowship
2004 Interventional Neuroradiology Peer Review Conference Travel Grant Award
2012 Robert Simon Chair of Research, Brain Aneurysm Foundation
2012 East- West Collaboration Program Research Grant Award
2015-2017 Investigator Initiated Research Grant Award (ASTROH Study); MicroVention, Inc.
2015-2017 Investigator Initiated Research Grant Award (ASTROH Study); Penumbra, Inc.
2016-2017 Investigator Initiated Research Grant Award (PREDICT Study); Covidien-EV3

COMMITTEE ASSIGNMENTS AND PROFESSIONAL SERVICE

UNIVERSITY

2012-2014 Selection Committee , Board of Governors Distinguished Professor Award
2009-2014 Developed and Administered (ECU) Neurosurgery Morbidity and Mortality Conference

2009-2014 Chief, Cerebrovascular and Neuroendovascular Surgery (ECU)
 2015-Current Established U of Louisville Neurosurgery Research and Publication Conference (Clinical)

HOSPITAL

2009-2014 Neuroscience Intensive Care Unit Executive Committee (Vidant Medical Center)
 2009-2014 Neuroscience Service Evolution Planning Committee (Vidant Medical Center)
 2009-2014 Neuroscience Operations Committee (Vidant Medical Center)
 Medical Director, Cerebrovascular and Neuroendovascular Services (Vidant MC)
 Co-Medical Director, Neurosciences Intensive Care Unit (Vidant Medical Center)
 Neuroscience Intensive Care Unit Executive Committee (Vidant Medical Center)
 Director, Resident Rotations on the Neurosurgery Service (ECU)
 2014-Current Credentials Committee, University of Louisville Hospital
 2014-Current Member, University of Louisville Hospital Carotid Stenting Quality Review Committee
 2014-Current University of Louisville Hospital Trauma Quality Initiative Committee
 2014-Current Stroke Mortality Review Committee, University of Louisville Hospital
 2015-Current Physician Service Excellence Committee, University of Louisville Hospital

NON-UNIVERSITY

2012-2014 Physician Hospital Action Collaboration Transformation (PH ACT) Expert Committee on Acute Stroke Care in Eastern North Carolina
 2014 Abstract Review Committee – 2014 SNIS 11th Annual Meeting; Broodmoor, Colorado Springs, Colorado. July 28-August 1, 2014.
 2013 ABNS MOC Cerebrovascular Module Exam Question Contributor
 2013-Current Section-Editor (Research), ANS/CNS Joint CV Section Website Committee
 2014-Current Clinical Events Adjudication Committee (CEC): FDA Pivotal IDE Trial of Barrel Vascular Reconstruction Device, Covidien.
 2014-Current Clinical Events Adjudication Committee (CEC): FDA HDE clinical Study of Pulsar Vascular, Inc.-Pulse Rider[®]. Adjunctive Neurovascular Support for Wide-neck aneurysm Embolization and Reconstruction (ANSWER).
 2015 Cerebrovascular Section Abstract Review Committee; 2015 Congress of Neurological Surgeons (CNS) Annual Meeting, September 26-30, 2015, New Orleans, Louisiana
 2015-2017 Abstract Review Subcommittee for the AHA/ASA International Stroke Conference (ISC) Program Committee; Category: Vascular Malformations (3-year Service Commitment)
 2015-Current Steering Committee, Apollo ICH Study (Phase 2 Multi-Center Randomized Controlled Trial)
 2016 Chair, Joint CV Section / SNIS Fellows Courses
 CV Section Annual Meeting; Los Angeles, CA
 Sheraton Universal Hotel; February 6-7, 2016
 2016 Chair, Joint CV Section / SNIS Fellows Courses
 13th Society of NeuroInterventional Surgery (SNIS) Annual Meeting

Boston, MA; July 2016

EDITORIAL

2012-Current	Manuscript Reviewer: <i>Journal of NeuroInterventional Surgery</i>
2013-Current	Ad Hoc Manuscript Reviewer : <i>Neurology</i>
2014-Current	Ad Hoc Manuscript Reviewer : <i>European Journal of Neurology</i>
2015-Current	Manuscript Reviewer: <i>Neurosurgery</i>

EDUCATIONAL ACTIVITIES

3rd year medical students, Surgery clerkship, neurosurgery lectures (ECU)
4th year medical students, Neurosurgery Elective (ECU)
PM&R and Family Medicine Residents on Neurosurgery Service (ECU)
Neurosurgical Residents: University of Louisville Department of Neurological
Surgery -Patient Rounds and Intraoperative Teaching
Annual Cerebrovascular Neurosurgery Lecture Series for Neurosurgical
Residents: University of Louisville
Core Course in Biostatistics for University of Louisville Neurosurgery Residents

STUDENTS MENTORED

J. Richard Lamm, B.S. (ECU Medical Student)
Anna M. Bowling, (ECU Medical Student)
Eric Lukosius (ECU Medical Student)
Olga Pylaeva (ECU Medical Student)
Jason Lamboy (ECU Medical Student)
Demi Dawkins (ECU Medical Student)
Lacey B. Martin (ECU Medical Student)
John J. Delaney (ECU Medical Student)
Steven C. Nunns (ECU Medical Student)
Jonathan D. Dvorak (ECU Medical Student)
Paul Page (University of Louisville Medical Student)
Eric Chen (University of Louisville Medical Student)
Daniel Kim (University of Louisville Medical Student)

GRANTS AND CONTRACTS

INVESTIGATOR-INITIATED RESEARCH AWARDS: COMPETITIVE

1. 2012 Robert Simon Chair of Research
Brain Aneurysm Foundation
Title: "Prophylactic low-dose intravenous heparin infusion for aneurysmal
subarachnoid hemorrhage: a double-blind, placebo-controlled, randomized
phase II clinical trial"
Amount: \$15,000
Role: PI

2. 2012 East- West Collaboration Program Grant Award
East Carolina University, Division of Research and Graduate Studies
1 of 3 grants funded out of 41 submissions
Title: "Prophylactic low-dose intravenous heparin infusion for aneurysmal subarachnoid hemorrhage trial (**PHAST-I**): Analysis of Myeloperoxidase and Myeloid-Related Protein 8/14 levels and genotypes"
Amount: \$25,000
Role: PI
3. 2015 Microvention, Inc. Investigator Initiated Research Grant Award
Title: Aneurysmal Subarachnoid Hemorrhage Trial Randomizing Heparin (**ASTROH**): A phase II multi-center clinical trial
Amount: \$115,000 over 2 years
Role: National PI
4. 2015 Penumbra Inc., Investigator Initiated Research Grant Award
Title: Aneurysmal Subarachnoid Hemorrhage Trial Randomizing Heparin (**ASTROH**): A phase II multi-center clinical trial
Amount: \$115,000 over 2 years
Role: National PI
5. 2016 Medtronic-Covidien Investigator Initiated Research Grant Award
Title: PRe-hospital Stroke Scales for ELVO Detection during Initial Care Transport: **PREDICT**: A prospective multi-center EMS validation study
Amount: \$258,000 over 2 years
Role: National PI

NIH CLINICAL TRIAL FUNDING

1. Minimally Invasive Surgery Plus rt-PA for ICH Evacuation Phase III (**MISTIE III**)
Study Chair: Daniel Hanley, MD
Study Sponsor: Johns Hopkins University; Brain Injury Outcomes (BIOS)
NIH 1U01NS080824-01A1
Amount: \$20,154 Start-Up / Annual Overhead (total) and \$11,899.50 per subject
Role: Site PI, University of Louisville (Actively Enrolling)

OTHER CLINICAL TRIAL GRANT FUNDING (INDUSTRY INITIATED / SPONSORED)

1. Title: "New Generation Hydrogel Endovascular Aneurysm Treatment Trial (**HEAT**)"
Amount: \$76,056
Role: PI, East Carolina University Site; Leading enrollment center
Study Sponsor: Northwestern University - Bernard Bendok, MD
Funding: MicroVention, Inc. (Completed 20 enrollments)
2. Title: "New Generation Hydrogel Endovascular Aneurysm Treatment Trial (**HEAT**)"
Role: PI, University of Louisville Site
Amount: Start-Up \$10,777 and \$4,534.12 per subject

Study Sponsor: Northwestern University - Bernard Bendok, MD

Funding: MicroVention, Inc.

Role: PI, University of Louisville Site (Actively Enrolling)

3. Title: **COAST**: Coiling of Aneurysms Smaller than 5 mm with Hypersoft®

Amount: To Be Determined by # of Enrollments

Study Sponsor: Medical University of South Carolina – Alejandro Spiotta, MD

Amount: Start-Up \$8,750 and \$2,500 per subject

Funding: MicroVention, Inc.

Role: PI, University of Louisville Site (Actively Enrolling)

4. Title: WEB® Intrasaccular Therapy Study (**WEB-IT**)

Type of Study: FDA Class III Device / Phase III Pivotal Study

Amount: Start-Up \$11,800 and \$7,562.50 per subject

Study Sponsor: Sequent Medical, Inc.

Role: PI, University of Louisville Site (Actively Enrolling)

5. Title: **CONFIDENCE Trial**: "Carotid Stent Trial to Evaluate the Safety and Efficacy of the Roadsaver™ Stent used in Conjunction with Nanoparasol® Embolic Protection System for Patients at Increased Risk for Adverse Events from Carotid Endarterectomy"

Type of Study: FDA Class III Device / Phase III Pivotal Study

Amount: (To be determined; Contract pending)

Study Sponsor: MicroVention, Inc.

Role: Site PI; Greater Louisville Consortium (UofL, Norton, Jewish Hospitals)

(Enrollment Pending Study Launch)

6. Title: A Phase II, Randomized, Controlled Trial of Minimally **Invasive Endoscopic Surgical Treatment** with Apollo versus Medical Management for Supratentorial Intracerebral Hemorrhage (ICH): **INVEST** (International, Planned 180 subject enrollment)

Amount: (To be determined; Contract pending)

Study Sponsor: Penumbra, Inc.

Role: Steering Committee

Role: PI, University of Louisville Site (Enrollment Pending Study Launch)

ABSTRACTS AND PRESENTATIONS

ORAL PRESENTATIONS / MODERATOR SESSIONS / COURSE FACULTY

National / International Meetings

1. Invited Speaker, Cerebrovascular and Skull Base Surgery: "The Battle at Pinehurst", May 3-6, 2012, Defended medical therapy in the debate segment titled: "Medical therapy or angioplasty and stenting for intracranial artery stenosis after the SAMMPRIS trial."
2. Invited Speaker, 2013 Charleston Neuroendovascular Summit, 1/12/2013: Invited to speak regarding the Prophylactic Heparin in SAH Trial [PHAST-1].
3. Faculty, 2013 SNIS/Joint Cerebrovascular Section Fellows Course: Adjunct Faculty, assisted with Hands-on Workshop.
4. Moderator, 2013 3rd SNIS International Endovascular Stroke Conference (IESC) and Joint Cerebrovascular Section Annual Meeting: Moderator:

Pre-Conference Workshop; Nuances in the Management of Complex Vascular Lesions: Tricks & Pitfalls

5. Moderator - 6th Annual Cerebrovascular Complications Conference; Jackson Hole, Wyoming, June 27-30, 2013.
6. Faculty; Occlusion Balloon Training Course - October 13-15, 2013: Charleston, SC: Sponsor: Microvention, Inc.
7. Invited Participant, 2014 Cerebrovascular Coalition for Treatment Thresholds (C2T2); Invited participant: 1/10/2014, Charleston, SC
8. Invited Speaker, 2014 Charleston Neurovascular Summit, 1/11/2014: Invited to speak to update on ODSH trial for aSAH
9. Faculty, "Introduction to Cerebrovascular Neurosurgery for Residents" Practical Course, 82nd AANS Annual Scientific Meeting. April 5, 2014. San Francisco Convention Center, San Francisco, California.
10. Moderator, 2nd Cerebrovascular and Skull Base Surgery: "The Battle at Pinehurst" May 15-18, 2014
11. Faculty- Endovascular IOI: Introduction to Cerebral Angiography, Endovascular Neurosurgery Research Group (ENRG): Fellow's Course -7th Annual Cerebrovascular Complications Conference (3C): Jackson Hole, Wyoming, June 2014
12. Invited Speaker, "Technical Details of Balloon Augmented AVM Embolization": July 29, 2014; SNIS 11th Annual Meeting, July 28-Aug 1, 2014; Broadmoor, Colorado Springs, Colorado.
13. Moderator, Society of NeuroInterventional Surgery (SNIS) 11th Annual Meeting. "New Technology Symposium" July 31, 2014. The Broadmoor Hotel, Colorado Springs, Colorado.
14. Invited Speaker, 2014 SNIS/Joint Cerebrovascular Section Fellows Course, "Controversies in Management of Neurovascular Disease Illustrated through Case Examples: Aneurysms" August 1, 2014, The Broadmoor Hotel, Colorado Springs, Colorado.
15. Faculty, "Hands on Lab Session" 2014 SNIS Annual Meeting Joint SNIS/ CV Section Fellows Course July 31-Aug 1, 2014 Broadmoor Hotel, Colorado Springs, Colorado.
16. Faculty, Resident Neuroendovascular Course- 2014 Congress of Neurological Surgeons Annual meeting, October, 2014.
17. Invited Speaker, 2015 Charleston Neurovascular Summit, 1/10/2015: Update on ASTROH and Trial Design on Platelet Function Testing with Flow Diverters
18. Faculty, "Hands on Lab Session" 2015 SNIS/Joint Cerebrovascular Section Fellows Course; Feb 8, 2015, Nashville, Tennessee.
19. Moderator , "Future Acute Stroke Trials: A Group Debate" 2015 AANS/CNS Joint Cerebrovascular Section Annual Meeting [Programming in conjunction with SNIS]. Feb 9-10, 2015. Nashville, Tennessee.

20. Invited Speaker, "Emerging Technology: Stenting and the 2mm Vessel Barrier" 2015 SNIS/Joint Cerebrovascular Section Fellows Course; Feb 9, 2015, Nashville, Tennessee.
21. Invited Speaker, AHA/ASA 2015 International Stroke Conference (ISC); "Prevention of delayed injury and cognitive dysfunction in aSAH: Evaluating the anti-inflammatory agent heparin" an invited Symposium entitled: "Neuroinflammation and Cognitive Dysfunction in Aneurysmal Subarachnoid Hemorrhage". Feb 11, 2015, Nashville, Tennessee.
22. Faculty, "PC01 Introduction to Cerebrovascular Neurosurgery for Residents" Practical Course, 83rd AANS Annual Scientific Meeting. Walter E. Washington Convention Center. Washington, DC; May 2, 2015. [Lecture on "Aneurysm Treatment" and taught hands-on portion]
23. Faculty, Endovascular 101: Introduction to Cerebral Angiography, Endovascular Neurosurgery Research Group (ENRG): Fellow's Course: "Avoiding Complications" -8th Annual Cerebrovascular Complications Conference (3C): Jackson Hole, Wyoming, June 2015
24. Moderator, Oral Abstract Presentations, Society of Neurointerventional Surgery (SNIS), 12th Annual Meeting. San Francisco, California; July 29, 2015.
25. Invited Speaker, 2016 Charleston Neurovascular Summit, January 9, 2016: "Pre-hospital Stroke Scales for ELVO Detection during Initial Care Transport: PREDICT Study", Update on ASTROH
26. Moderator, Cerebrovascular Section, 84th American Association of Neurological Surgeons (AANS) Annual Scientific Meeting; 2-5:30 PM, Tuesday May 3, 2016. McCormick Place, Chicago, Illinois

Local / Regional Meetings

1. Invited Speaker, Vanderbilt University, Trauma Grand Rounds: Update on the current guideline of Traumatic Brain Injury, April 2009
2. Invited Speaker, East Carolina University Department of Surgery Grand Rounds: Endovascular Neurosurgery, April 2009
3. Invited Speaker, ECU Joint Neurology and Neurosurgery Grand Rounds: Management Controversies in Unruptured Cerebral Aneurysms, October 2009
4. Invited Speaker, ECU Joint Neurology and Neurosurgery Grand Rounds: Off label use of liquid embolics for the prevention of rebleeding after spontaneous SAH, September, 2010
5. Invited Speaker, AHEAC 2010 Stroke Conference: "Endovascular Treatments for Stroke"
6. Invited Speaker, Vascular Intervention in Stroke: Pamlico Albermarle Medical Society: Dec. 6, 2012
7. Invited Speaker, "Preventing Delayed Neurological Deficits Induced by Aneurysmal Subarachnoid Hemorrhage: A Role for Prophylactic Low Dose

- IV Heparin?" Grand Rounds, Department of Neurosurgery, Medical College of Wisconsin, Milwaukee, WI; December 14, 2012.
8. Invited Speaker, AHEAC 2012 Stroke Conference: "Subarachnoid Hemorrhage, Initial Diagnosis and Management"
 9. Invited Speaker, AHEAC 2012 Stroke Conference: "Aggressive Treatment of Acute Stroke in Eastern North Carolina: What's the next step"; May 18, 2012
 10. Invited Speaker, 2013 Eastern Regional Imaging Symposium (EAHEC) March 9, 2013: Multi-modal treatment of Arteriovenous Malformations
 11. Invited Speaker, Featured speaker- 2013 Seaboard Medical Association Annual Meeting, Outer Banks, North Carolina June 21-23, 2013
 12. Grand Rounds, Departments of Neurosurgery, Neurology, Physical Medicine & Rehabilitation; "Advancements in the Minimally Invasive Treatment of ICH and IVH: Emphasis on MISTIE III and Apollo. August 21, 2014, University of Louisville.
 13. Invited Speaker, Cerebrovascular Multidisciplinary Conference "Poor-Grade Aneurysmal Subarachnoid Hemorrhage: When to Intervene". September 25, 2014.
 14. Invited Speaker, Cerebrovascular Multidisciplinary Conference "Prevention of Delayed Injury and Cognitive Dysfunction in aSAH: Evaluating Heparin as an Anti-inflammatory Agent". March 19, 2015, University of Louisville
 15. Invited Speaker, Stroke Nursing Symposium "The Acute Stroke Revolution: New Evidence for Advances in the Emergent Treatment of Acute Stroke and the Effect on Hospital and Pre-Hospital Systems of Care"; October 6, 2015, University of Louisville Hospital

ABSTRACTS / POSTERS

National / International Meetings [Oral Abstracts / Podium]

1. Wainwright KJ, Kanaan HA, Hudson S, Wainwright ME, Hightower JH, **James RF**. Analysis of occupational radiation exposure during cerebral angiography utilizing a new real-time radiation dose meter system: A prospective two-phase behavior modification study. 2014 AANS/CNS Joint Cerebrovascular Section Annual Meeting and the 4th SNIS International Endovascular Stroke Conference (IESC). February 10-11, 2014, Hard Rock Hotel, San Diego, California [**Oral Presentation**; Abstract No. 131]
2. Dvorak JD, **James RF**, Kanaan HA. Dexamethasone treatment to prevent surgery for chronic subdural hematoma: A retrospective study and cost analysis. 83rd AANS Annual Scientific Meeting. May 2-6, 2015. Walter E. Washington Convention Center. Washington, DC [**Oral Presentation**]

National / International Meetings [Oral Posters]

1. Spiotta AM, **James RF**, Lowe SR, Janjua RM, Delaney JJ, Quintero-Wolfe S, Turk AS, Chaudry MI, Turner RD. P-029 Use of the Scepter C dual-lumen balloon microcatheter in Onyx embolization of cerebral arteriovenous malformations: A Multi-Center Experience; Presented at the 11th SNIS Annual Meeting, July 28-Aug 1, 2014, The Broodmoor, Colorado Springs, Colorado **[Oral Poster]** *J NeuroIntervent Surg*. 2014;**6**:Suppl 1 A36 doi:10.1136/neurointsurg-2014-011343.65; PMID 25064912
2. Page PS, Cambon A, **James RF**. P-017 Time to treatment effect on visual recovery after Intra-Arterial Thrombolysis for Acute Central Retinal Artery Occlusion. The 12th SNIS Annual Meeting, July 27-30, 2015, Hilton San Francisco Union Square, San Francisco, California [Abstract #2015-A-95-SNIS, **Oral Poster**; *J NeuroIntervent Surg* 2015;**7**:Suppl 1 A31 doi:10.1136/neurointsurg-2015-011917.56

National / International Meetings [Poster Presentation / Electronic Poster]

1. Jaboin JJ, **James RF**, Stallmeyer B, Shaw N, Slawson R, Amin P, Chin LS, Simard JM, Regine WF. An analysis of dose-staged stereotactic radiosurgery for large cerebral arteriovenous malformations. 47th American Society of Therapeutic Radiology and Oncology Annual Meeting. Int J Radiat Oncol 2005 Oct; 63 Suppl 1(1):S258-259 [Abstract #2048]
2. Reig A, **James RF**, Simon SD, Mericle RA. Cost Analysis of Embolic Material Used For Embolization of Wide-necked Intracranial Aneurysms ABSTRACT NO: 270 Congress of Neurological Surgeons 2009 Annual Meeting [Oct]. New Orleans, Louisiana [Poster Presentation]
3. **James RF**, Lamm JR, Wainwright K, Kanaan HA. Utilization of a large diameter compliant balloon during coil embolization of wide-neck bifurcation aneurysms is safe and effective within small diameter cerebral arteries. The 3rd SNIS International Endovascular Stroke Conference (I ESC) and Joint Cerebrovascular Section Annual Meeting. February 4-5, 2013, Sheraton Waikiki Hotel, Honolulu, Hawaii: 2013-A-1 04-IESC: [Poster Presentation]
4. **James RF**, Lukosius EZ, Wainwright K, Kanaan HA. E-069 Intentional partial embolization for dome protection of ruptured complex bifurcation cerebral aneurysms with Onyx HD500 is feasible prior to delayed definitive treatment. Accepted 5/30/2013 to: Society of NeuroInterventional Surgery (SNIS) 10th Annual Meeting. July 29-Aug 1, 2013. Loews Miami Beach Hotel, Miami, Florida: 2013-A-79-SNIS. [Poster Presentation] *J NeuroIntervent Surg* 2013;**5**:Suppl 2 A64-A65. doi:10.1136/neurintsurg-2013-010870.127
5. **James RF**, Shao E, Martin LB, O'Brien K, Chaudry I, Gaughen J, Wainwright KJ, Kanaan HA, Everhart DE, Simard JM. Low-dose IV heparin infusion improves cognitive function in aneurysmal

subarachnoid hemorrhage patients. 2014 AANS 82nd Annual Scientific Meeting April 5-9, 2014. San Francisco, CA. Abstract# 16572 [Poster Presentation]

6. **James RF**, Shao EY, Nazar RG, Martin LB, Dvorak JD, O'Brien K, Burke DA, Chaudry MI, Gaughen JR, Kanaan HA, Everhart DE, Simard JM. Low-dose IV heparin infusion preserves cognitive function in aSAH patients when controlling for covariates that negatively influence cognition including age, ACoA aneurysm location, and Fever. The 4th SNIS International Endovascular Stroke Conference (IESC) and 2015 Joint Cerebrovascular Section Annual Meeting; February 9-10, 2015; Loews Hotel, Nashville Tennessee. [Poster Presentation]
7. Page PS, Cambon A, **James RF**. E-127 Intra-arterial thrombolysis for central retinal artery occlusion: A systematic review and meta-analysis. The 12th SNIS Annual Meeting, July 27-30, 2015, Hilton San Francisco Union Square, San Francisco, California [Abstract #2015-A-89-SNIS, Poster Presentation] J NeuroIntervent Surg 2015;7:Suppl 1 A99. doi:10.1136/neurintsurg-2015-011917.201
8. Kinsman M, Ball T, Nazar RG, Kim D, Page PS, Nauta H, Boakye M, **James RF**. Rapid High Fidelity Contour Shaping of a Titanium Mesh Implant for a Large Cranioplasty Defect using a Patient Specific Mold Created with Low-Cost 3D Printing. 2015 Congress of Neurological Surgeons (CNS) Annual Meeting, September 26-30, New Orleans, Louisiana [Abstract #16647, Poster Presentation]

Local / Regional Meetings [Oral Abstracts / Podium]

1. **James RF**, Shao EY, Nazar RG, Page PS, Martin LB, Dvorak JD, Craycroft JA, Daniels M, Rai SN, Kanaan HA, Everhart DE, Simard JM. Continuous Low-dose IV Heparin Infusion Preserves Cognitive Function after Aneurysmal Subarachnoid Hemorrhage. 2015 Neurosurgical Society of Kentucky Annual Meeting, August 31, 2015, Louisville, Kentucky [**Oral Presentation**]

Local / Regional Meetings [Poster Presentation]

1. **James RF**, Mansfield KJ, Meyer KS. Minimally Invasive Endoscopic Evacuation of Acute Subdural Hematoma in the Elderly with the Apollo Aspiration System. 2015 Neurosurgical Society of Kentucky Annual Meeting, August 31, 2015, Louisville, Kentucky [**Poster Presentation**]

PUBLICATIONS

PEER-REVIEWED

1. Darwish RS, Amiridze NS, **James RF**, Schreibman D. Management of phlegmasia alba dolens using hirudin in a neurosurgical patient with heparin-induced

- thrombocytopenia. *J Neurosurg Anesthesiol.* 2004 Apr; 16(2):171-3. PMID: 15021290
2. Simard JM, Schreiber D, Aldrich EF, Stallmeyer B, Le B, **James RF**, Beaty N. Unfractionated Heparin: Multitargeted therapy for delayed neurological deficits induced by subarachnoid hemorrhage. *Neurocrit Care.* 2010 Dec; 13(3):439-49. PMID: 20809188
 3. Marshall GT, **James RF**, Landman MP, O'Neill PJ, Cotton BA, Hansen EN, Morris JA, May AK. Pentobarbital coma for refractory intra-cranial hypertension after severe traumatic brain injury: Mortality predictions and one-year outcomes in 55 patients. *J Trauma* 2010 Aug; 69(2):275-83. PMID: 20699736
 4. Simon SD, Reig AS, **James RF**, Reddy P, Mericle RA. Relative cost comparison of embolic materials used for treatment of wide-necked intracranial aneurysms. *J Neurointerv Surg.* 2010; 2: 163-167. PMID: 21990601
 5. **James RF**, Lamm JR, Kanaan HA. Mechanical revascularization of acute iatrogenic anterior cerebral artery occlusions: Utilization of a new dual lumen balloon catheter results in rapid access and flow restoration. *J Neurointerv Surg* 2013;5:e49. (Published online 18 Dec 2012). PMID: 23249652
 6. **James RF**, Palys V, Lomboy JR, Lamm JR, Simon SD. The role of anticoagulants, antiplatelet agents, and their reversal strategies in the management of intracerebral hemorrhage. *Neurosurg Focus.* 2013 May;34(5):E6, 1-11. PMID: 23634925
 7. Simard JM, Aldrich EF, Schreiber D, **James RF**, Polifka A, Beaty N. Low-dose intravenous heparin infusion in patients with aneurysmal subarachnoid hemorrhage: a preliminary assessment. *J Neurosurg* Dec 2013; 119:1611-19. PMID: 24032706
 8. **James RF**, Wainwright KJ, Kanaan HA, Hudson S, Wainwright ME, Hightower J, Delaney JJ. Analysis of occupational radiation exposure during cerebral angiography utilizing a new real-time radiation dose monitoring system. *J NeuroInterv Surg* 2015 Jul;7(7):503-508. PMID: 24827064
 9. Spiotta AM, **James RF**, Lowe SR, Janjua RM, Delaney JJ, Quintero- Wolfe S, Turk AS, Chaudry MI, Turner RD. Balloon-augmented Onyx embolization of cerebral arteriovenous malformations utilizing a dual-lumen balloon: A multi-center experience. *J NeuroInterv Surg.* 2015 Oct;7(10):721-7. PMID: 25118193.
 10. Page PS, Nazar RG, Park MC, **James RF**. Copper deficiency myelopathy in the setting of advanced cervical degenerative disc disease. *Br J Neurosurg.* 2015 Sep 4:1-3. [Epub ahead of print]; PMID: 26337459
 11. **James RF**, Kramer DR, Page PS, Gaughen JR, Martin LB, Mack WJ. Strategic and Technical Considerations for the Endovascular Embolization of Intracranial Meningiomas. [Accepted to *Neurosurgery Clinics of North America*; In Press]
 12. Page PS, Cambon AC, **James RF**. Visual improvement after intra-arterial thrombolysis for central retinal artery occlusion does not correlate with time to treatment. *Neurosurgery* [Manuscript Number: NEU-S-15-01116-5; Submitted July 6, 2015]

13. Page PS, Cambon AC, Brock GN, Rai SN, **James RF**. Intra-arterial Thrombolysis for central retinal artery occlusion: A systematic review and exploratory meta-analysis. [Planned submission to *Stroke*]
14. Kinsman M, Ball T, Nazar RG, Kim D, Nauta HJ, Boakye M, **James RF**. Rapid high fidelity shaping of a titanium mesh implant for a large cranial defect using a patient specific mold created with low-cost 3D printing. [Planned submission to *Operative Neurosurgery*]
15. Page PS, Spiotta AM, **James RF**. Sudden ipsilateral visual loss following endovascular coiling of an ophthalmic artery aneurysm: An illustrative case and treatment recommendations. [Planned submission to *J NeuroIntervent Surg*]
16. **James RF**, Page PS, Shao EY, Nazar RG, Martin LB, Wainwright KJ, Craycroft JA, Rai SN, Everhart DE, Simard JM. Improved cognitive outcomes in aneurysmal subarachnoid hemorrhage patients treated with the Maryland Low-Dose Intravenous Heparin Protocol (Manuscript in preparation).

BOOK CHAPTERS

1. **James RF**, Martin LB, Gaughen JR, Mack, WJ. Head and Neck Embolization: Vascular Tumors. In: Guimaraes M., Lencioni R., and Siskin, G. (Eds.) *Embolization: Principles and Clinical Applications*. Wolters Kluwer 2015.
2. **James RF**, Delaney JJ, Martin LB. Posterior Circulation Vascular Anatomy and Stroke Syndromes. In: Harbaugh RE, Berger MS, Couldwell WT and Shaffrey C. (Eds.) *Neurosurgery Knowledge Update*. AANS and Thieme Medical Publishers 2015.
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