

CURRICULUM VITAE

James R. Stone, MD, PhD
Professor
Radiology and Medical Imaging
University of Virginia Health System

Date of Birth: July 31st, 1972

Place of Birth: District of Columbia

Home Address: 640 Plantation Ct.
Charlottesville, VA 22903

Address: University of Virginia Health System
Division of Interventional Radiology
1215 Lee Street
Box 800170
Charlottesville, Virginia 22908

EDUCATION

2004	M.D.	School of Medicine University of Virginia Charlottesville, Virginia
2000	Ph.D.	Medical College of Virginia Virginia Commonwealth University Richmond, Virginia
1995	B.S	Virginia Commonwealth University Richmond, Virginia

Postdoctoral training:

2009 – 2010	Clinical fellowship: Interventional Radiology University of Virginia Health System Charlottesville, Virginia
2005 - 2009	Residency: Diagnostic Radiology University of Virginia Health System Charlottesville, Virginia

2004 - 2005	Internship: General Surgery University of Virginia Health System Charlottesville, Virginia
2000 - 2001	Research fellowship: Neurological Surgery Laboratory of Dr. Gregory Helm University of Virginia Charlottesville, Virginia
2000	Research fellowship: Anatomy and Neurobiology Laboratory of Dr. John Povlishock Medical College of Virginia Virginia Commonwealth University Richmond, Virginia

HOSPITAL STAFF APPOINTMENTS:

2010 – Present	Staff Interventional Radiologist University of Virginia Health System Charlottesville, Virginia
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ACADEMIC APPOINTMENTS:

2016 – Present	Vice Chair of Research Department of Radiology and Medical Imaging University of Virginia Health System Charlottesville, Virginia
2014 – 2019	Co-director, UVA Brain Injury and Sports Concussion Institute University of Virginia Health System Charlottesville, Virginia
2022 – Present	Professor of Radiology and Medical Imaging (Primary) Division of Interventional Radiology Department of Radiology and Medical Imaging University of Virginia Health System Charlottesville, Virginia
2022 – Present	Professor of Neurological Surgery (Secondary) Department of Neurological Surgery

University of Virginia Health System
Charlottesville, Virginia

- 2014 – 2022 **Associate Professor of Radiology and Medical Imaging (Primary)**
Division of Interventional Radiology
Department of Radiology and Medical Imaging
University of Virginia Health System
Charlottesville, Virginia
- 2014 – 2022 **Associate Professor of Neurological Surgery (Secondary)**
Department of Neurological Surgery
University of Virginia Health System
Charlottesville, Virginia
- 2010 – 2014 **Assistant Professor of Radiology and Medical Imaging (Primary)**
Department of Neurological Surgery
University of Virginia Health System
Charlottesville, Virginia
- 2010 – 2014 **Assistant Professor of Neurological Surgery (Secondary)**
Department of Neurological Surgery
University of Virginia Health System
Charlottesville, Virginia
- 2003 – 2010 **Research Assistant Professor of Neurological Surgery**
Department of Neurological Surgery
University of Virginia Health System
Charlottesville, Virginia
- 2001 – 2003 **Research Instructor of Neurological Surgery**
Department of Neurological Surgery
University of Virginia Health System
Charlottesville, Virginia
- 1996 – 1998 **Adjunct Instructor of Kinesiology**
College of William and Mary
Williamsburg, Virginia

BOARD CERTIFICATION/LICENSURE

2017 – Present	Interventional Radiology/Diagnostic Radiology American Board of Radiology
2012 – 2017 (converted)	Certificate of Advanced Qualification Vascular and Interventional Radiology American Board of Radiology
2010 – Present	United States DEA license
2009 – 2017 (converted)	Diagnostic Radiology American Board of Radiology
2007 – Present	Medicine and Surgery Commonwealth of Virginia

TEACHING EXPERIENCE

Lectures:

2013	UVA mini-med school laboratory overview
2011	Instructor: Advanced Research Design Course, School of Engineering and Applied Sciences University of Virginia
2010 – present	Interventional Radiology Fellows Case Conference (weekly)
2010 – present	Interventional Radiology Didactic Conference (quarterly)
2010 – present	Radiology Resident Case Conference (quarterly)
2010 – present	Radiology Resident Didactic Conference (quarterly)
2000	Teaching Assistant: School of Medicine - Gross Anatomy professional course. University of Virginia.
1997	Teaching Assistant: School of Dentistry - Histology professional course Medical College of Virginia
1996 – 1998	Adjunct Instructor: Human Anatomy Laboratory Department of Kinesiology, College of William and Mary
1996	Teaching Assistant: School of Pharmacy - Gross Anatomy, Histology, Neuroscience professional courses. Medical College of Virginia.

1996

Teaching Assistant: School of Medicine - Gross Anatomy professional course. Medical College of Virginia.

Mentorships:

Interventional Radiology Fellows Trained

- 2020-2021 Dylan Suttle, MD, Yasser El-Abd, MD, Diana Dinh, MD, Khanant Desai, MD, Andrew Mai, MD.
- 2019-2020 Nicole Keefe, MD, Benjamin Contrella, MD, Adam Zelickson, MD, Rehan Quadri, MD, Cane Hoffman, MD
- 2018-2019 Alex Lam, MD, Aparna Baheti, MD, Brian Gardner, MD, Tim Huber, MD, Rohit Koppula, MD
- 2017-2018 Christopher Kim, MD, G. Richard Rueb, MD, Daniel Gans, MD, Christine Chen, MD, Christian Salinas, MD
- 2016-2017 Daniel Sheeran, MD, Meneka Nadar, MD, William Derry, MD, Marco Ugas, MD, Jeanette Hemp, MD
- 2015-2016 Mikail Higgins, MR, John Cardella, MD, Brian Navdav, MD, Arman Yaghoubian, MD, Jamie Doster, MD
- 2014-2015 Jamie All, MD, Andrew Ferdinand, MD, Nicholas Hendricks, MD, Andre Uflacker, MD, Jonathan West, MD
- 2013-2014 Bill Brehmer, MD, Minhajuddin Khaja, MD, Matthew Bernhard, MD, Ryan Gossage, MD, Ted Chang, MD
- 2012-2013 Peter Simon, MD, Curtis Anderson, MD, PhD, Sean Lyman, MD, PhD, Christina Meade, MD, Heath McCullough, MD
- 2011-2012 Sean Kalagher, MD, Christopher Porter, MD, R. Steve Young, MD, Charles Wehbe, MD, Jamil Muasher, MD
- 2010-2011 Charles Gilliland, MD, Gregory Frey, MD, Robert Short, MD, Joshua Hubbard, MD, Harun Ozer, MD

Vascular Surgery Fellows Trained

- 2018-2019 Derek de Grijjs, MD, Ankur Aggarwal, MD
- 2017-2018 Rishi Roy, MD, Rori Morrow, MD
- 2016-2017 Carlin Williams, MD, Amani Politano, MD
- 2015-2016 Sarah Hargraves, MD, Jason Perry, MD
- 2014-2015 Tonya Flohr, MD
- 2013-2014 Amit Jain, MD
- 2012-2013 Joshua Adams, MD
- 2011-2012 Alvaro Zamora, MD
- 2010-2011 Michael Meulbeger, MD

Student/Resident/Post-doctoral fellow mentorships

2018 – 2021	Madison Kilgore, Undergraduate Student
2018 – 2019	Natalie Domeisen, Medical Student
2017	Kelly McLean, Undergraduate Student
2016 – 2017	Samantha Strohm, Undergraduate Student
2015	Virginia Baker, Medical Student
2015	Emma Price, Undergraduate Student
2014 – 2017	Timothy Huber, Radiology Resident
2014	Christian Salinas, Radiology Resident
2014	Andre Uflacker, Radiology Resident
2013	Alex Monroe, Medical Student
2013	Jamie Doster, Radiology Resident
2011 - 2012	Lauren Becker, Undergraduate Student
2011	Leen Jamal, Undergraduate Student
2011	Dalia Deak, Undergraduate Student
2011	Hannah Meredith, Undergraduate Student
2011	Byong Kang, Undergraduate Student
2011	Shawna Kleban, Medical Student
2011	Sarah Jeffrey, Undergraduate Student
2010 – 2011	Jing Chen, MD, Postdoctoral Fellow
2010 – 2011	Brad Billowus, Undergraduate Student
2010	Nate Coddington, Undergraduate Student
2010	Wael Darwish, MD, Postdoctoral Fellow
2008 – 2009	Tianli Lu, Medical Student
2005	Maria Alexandrescu, Medical Student
2004 – 2005	Sebastian Zavoian, Postdoctoral Fellow
2003 – 2004	Dong Kim, Undergraduate Student
2003 – 2004	Andrew Hawkins, Undergraduate Student
2003	Evelyn Boatwright, Undergraduate Student
2002	Katherine Turner, Undergraduate Student
2002 – 2004	James Mills, MD, Postdoctoral Fellow
2001 – 2003	David Rubin, Undergraduate Student
2001 – 2003	David Melon, Undergraduate Student
2001 – 2003	Jaime Wagner, Undergraduate Student
2001 – 2002	Leman Mutlu, MD, Postdoctoral Fellow
2001	Anthony Marmarou, Undergraduate Student
2001	Reena Shial, Undergraduate Student
2001	Alfa Diallo, Medical Student

HONORS/AWARDS

2015	Co-author, Society of Interventional Radiology Annual Meeting Abstract of the Year.
2008 – 2009	Resident Research Award, Department of Radiology University of Virginia
2007 – 2008	Resident Research Award, Department of Radiology University of Virginia
2003 – 2004	Society of the Cincinnati Scholarship Recipient

- 2002 Finalist, Posterior competition, 1st Joint Symposium
National-International Neurotrauma Societies
Tampa, Florida
- 2002 Most outstanding research, selected for open communication lecture
1st Joint Symposium, National-International Neurotrauma Societies
Tampa, Florida
- 2002 Visiting Professor, University of Pennsylvania Head Injury Center
Philadelphia, Pennsylvania
- 2001 – 2004 Joseph Collins Scholarship
- 2000 Most outstanding research, selected for open communication lecture
National Neurotrauma Society, 19th Annual meeting
New Orleans, Louisiana
- 2000 Finalist, Poster competition, 5th International Neurotrauma Symposium
Garmisch, Germany
- 1998 Finalist, John C. Forbes Graduate Research Competition
- 1998 First Place, National Neurotrauma Society
Graduate Student Poster Competition, Los Angeles, California
- 1997 – 1998 C.C. Clayton Fellowship
- 1996 – 2000 Commonwealth Graduate Fellowship,
State Council for Higher Education in Virginia

ORGANIZATIONS/COMITTEES

- 2021 Panel Member, North Atlantic Treaty Organization (NATO) HFM panel
338: Development of Military Loading Exposure Guidelines for Prevention
of Chronic Traumatic Encephalopathy.
- 2019 DOD Peer Reviewed Medical Research Program review committee.
- 2019 Department of Veterans Affairs SPIRE program review committee.
- 2019 Pennsylvania Department of Health Traumatic Brain Injury Research
Program Interim Review Committee.
- 2018-present Editorial Board – Journal of Neurotrauma
- 2018 Inova Translational Research Award Review Panel.
- 2018 Congressionally Directed Medical Research Program PHTBI Peer
Review Program Panel.
- 2018 USAMRMC Military Operational Medicine Research Program – External
Reviewer.
- 2018 Neurological Foundation of New Zealand Funding Program Peer Review
Panel.

2018	US Army Blast Coordination Office State of the Science Summit – expert panel.
2017	Department of Veterans Affairs – Small Projects in Rehabilitation Research (SPiRE) Award (I21) review panel.
2016-2019	Member, Faculty Affairs & Development Advisory Committee (FADAC)
2016-present	Meeting organizing committee – National Capital Area TBI Consortium
2016-present	National Institutes of Health – Special Emphasis Panel Study Section
2016-2017	Member, American College of Radiology TBIRADS development committee.
2016-2017	Member, American College of Radiology Clinical Data Sciences committee.
2016	Faculty search committee, Radiochemistry Laboratory Director Research Division, University of Virginia Department of Radiology
2015	Co-Moderator, Oncology II: Advanced Y90. Society of Interventional Radiology, 41 st Annual Meeting, Atlanta, GA.
2014-2015	Co-Chair, US Army Medical Research Materiel Command, Combat Casualty Care Research Program, Neuroimaging of Traumatic Brain Injury Working Group.
2014-2017	Executive Committee and Founding Member, American College of Radiology Head Injury Institute, Neuroimaging Centers of Excellence Project Group.
2014-2018	Co-director, University of Virginia Brain Injury and Sports Concussion Institute.
2014	External member, National Interim Program Review, Joint Program 6 Combat Casualty Care Research Program, Traumatic Brain Injury Neuroimaging portfolio.
2014	Co-chair, Definition of Normal Subjects Workgroup, Joint ACR Head Injury Institute, American Society of Neuroradiology, American Society of functional Neuroradiology TBI workshop, Montreal, Canada.
2014	Organizing Committee, Joint ACR Head Injury Institute, American Society of Neuroradiology, American Society of functional Neuroradiology TBI workshop, Montreal, Canada.
2013-present	Abstract review committee – National Neurotrauma Symposium Annual Meeting.

- 2013 Chair, American College of Radiology Head Injury Institute, Information Technology Committee
- 2013 Member, American College of Radiology Head Injury Institute, Science Committee
- 2013 Member, Research Committee, American College of Radiology Head Injury Institute.
- 2013 Member, Steering Committee, American College of Radiology Head Injury Institute.
- 2013 UVA LCME Institutional Setting subcommittee
- 2013 Health System Clinical Research Program – Cardiovascular Section Grant Review Committee Member
- 2012 UVA Faculty Senate Cross-Grounds Synergies Task Force – Co-director
- 2012 UVA Faculty Senate Online Learning Task Force – Member
- 2011- 2016 US Army MRMC Military Operational Medicine, Research Area III Directorate, mild traumatic brain injury steering committee. External Reviewer.
- 2011- present American Institute of Biological Sciences. External Reviewer.
- 2011 Faculty search committee, Molecular Imaging Recruitment Research Division, University of Virginia Department of Radiology
- 2011 - 2017 Society of Interventional Radiology Standards of Practice Committee
- 2011 International Research Council on Biomechanics of Injury. External Reviewer.
- 2010 – 2011 Founding member, University of Virginia Brain Injury Consortium
- 1998 – 2000 Graduate Admissions Committee
Department of Anatomy and Neurobiology
Medical College of Virginia, Virginia Commonwealth University
- 1998 Faculty Promotions Committee – Dr. J. Ross McClung

CLINICAL SKILLS

- Endovascular management of peripheral vascular disease (PTA, stent, laser/mechanical atherectomy, subintimal recanalization, SAFARI, utilization of re-entry devices). Includes management of infrapopliteal disease.
- Endovascular therapy for renal artery stenosis

- Endovascular management of acute and chronic mesenteric ischemia
- Stent graft placement for management of acute and chronic thoracic and abdominal aortic disease.
- Percutaneous management of endoleaks following aortic stent graft placement.
- Percutaneous management of peripheral arterial aneurysms and pseudoaneurysms.
- Liver transplant interventions.
- Management of arterial hemoptysis
- Treatment of upper and lower GI hemorrhage
- Treatment of trauma-related hemorrhage
- Radioembolization for treatment of primary and metastatic hepatic malignancy
- Chemoembolization for treatment of primary hepatic malignancy
- Embolization for treatment of metastatic neuroendocrine hepatic disease
- Portal vein embolization
- Renal artery embolization for primary treatment of angiomyolipoma or devascularization prior to surgical nephrectomy.
- Percutaneous and transvenous renal biopsy
- Percutaneous and transjugular liver biopsy
- Transjugular intrahepatic portosystemic shunt (TIPS) for management of symptomatic portal hypertension
- Balloon Retrograde Transvenous Occlusion (BRTO) for treatment of gastric varices
- Percutaneous treatment of biliary obstruction or leak
- Percutaneous management of calculous and acalculous cholecystitis
- Percutaneous management of urinary obstruction
- Endovascular therapy for uterine fibroid disease
- Placement and retrieval of inferior vena cava (IVC) filters for prevention of pulmonary embolism
- Management of acute and chronic venous occlusive disease
- Endovascular management of pulmonary embolism using mechanical thrombectomy and thrombolysis.
- Dialysis Fistula/Graft management
- Placement of tunneled or non-tunneled central venous catheters
- Port-a-cath placement

CLINICAL RESEARCH STUDIES

Principal Investigator

Title: Experienced Artillery Study

Role: Principal Investigator

Status: Closed to enrollment

Title: Evaluation of the Bio-Effects of Repeated, Low-level Blast Exposure using PET CT Imaging

Role: Principal Investigator

Status: Closed to enrollment

Title: Normative Neuroimaging Library (NNL)

Role: Principal Investigator
Status: Open to enrollment

Title: Aortic occlusion retrospective study to examine anatomical measurement from CT angiograms

Role: Principal Investigator
Status: Open to enrollment

Title: Advanced Analysis of Neuroimaging Studies in High Altitude Pilots

Role: Principal Investigator
Status: Open to enrollment

Title: Machine Learning for Traumatic Brain Injury

Role: Principal Investigator
Status: Temporarily closed to enrollment

Title: VenaTech(TM) Convertible(TM) Vena Cava Filter U.S. Multi-Center Clinical Trial

Role: Principal Investigator
Status: Completed

Title: A Phase III Clinical Trial of Intra-arterial TheraSphere in the Treatment of Patients with Unresectable Hepatocellular Carcinoma (HCC)

Role: Principal Investigator
Status: Completed

Title: A Phase III Clinical Trial of Intra-arterial TheraSphere in the Treatment of Patients with Metastatic Colorectal Cancer (mCRC)

Role: Principal Investigator
Status: Completed

Title: Advancing MRI techniques

Role: Principal Investigator
Status: Open to enrollment

Title: MR development

Role: Principal Investigator
Status: Closed to enrollment

Title: Resuscitative Endovascular Balloon Occlusion of the Aorta – Can Nurses and Corpsmen Perform this Skill for Life-Saving En Route Care? A Pilot Study.

Role: Principal Investigator
Status: Open to enrollment

Sub-Investigator

Title: Chronic venous thrombosis: Relief with adjunctive catheter-directed therapy

Role: Sub-Investigator
Status: Open to enrollment

Title: A multicenter observational registry to develop ablation parameter guidance for microwave liver ablation of soft tissue lesions.

Role: Sub-Investigator
Status: Open to enrollment

Title: Using Intravascular Ultrasound to Identify Early Pericatheter fibrin sheath formation and to guide central line exchange.

Role: Sub-Investigator
Status: Open to enrollment

Title: Capere Post-Market Clinical Follow-up Study

Role: Sub-Investigator
Status: Open to enrollment

Title: Capere – Capture of Acute Pulmonary Embolism and Removal Using the Capere Embolectomy System

Status: Open to enrollment

Title: A Prospective, Multicenter, Non-Blinded, Non-Randomized Study of the RelayPro Thoracic Stent-Graft in Subjects with Traumatic Injury of the Descending Thoracic Aorta

Role: Sub-Investigator
Status: Open to enrollment

Title: Concussion Induced Inflammation: A Pilot Clinical Study

Role: Sub-Investigator
Status: Open to enrollment

Title: TATE versus TACE, an open-label randomized study comparing trans-arterial tirapazamine embolization vs. transarterial chemoembolization in intermediate stage hepatocellular carcinoma.

Role: Sub-Investigator
Status: Open to enrollment

Title: CATALYST-Virginia Brain Injury Diagnosis and Monitoring Initiative

Role: Sub-Investigator
Status: Closed to enrollment

Title: The Impact of Diabetes on Revascularization in BEST-CLI (TIDE)

Role: Sub-Investigator
Status: Closed to enrollment

Title: A Phase 1 Multi-Center, Randomized, Double-Blind, Placebo, Controlled, Dose-Escalation Study of Vonapanitase Administered Following Angioplasty of a Distal Popliteal, Tibial or Peroneal Artery in Patients with Peripheral Artery Disease.

Role: Sub-Investigator
Status: Open to enrollment

Title: A Phase I Multi-Center, Dose-Escalation Study of Vonapanitase Administered Percutaneously to the Superficial Femoral or Popliteal Artery in Patients with Peripheral Artery Disease.

Role: Sub-Investigator
Status: Open to enrollment

Title: GREAT (Global Registry for Endovascular Aortic Treatment)
Role: Sub-Investigator
Status: Closed to enrollment

Title: Cook IVC Filter Study
Role: Sub-Investigator
Status: Open to enrollment

Title: Observational Study of tissue Plasminogen Activator Used for Catheter Directed Thrombolysis in Patients with Acute Lower Extremity Native Artery or Bypass Graft Occlusion
Role: Sub-Investigator
Status: Open to enrollment

Title: Prospective, Randomized, Single-Blind, U.S. Multi-Center Study to Evaluate Treatment of Obstructive Superficial Femoral Artery or Popliteal Lesions with a Novel Paclitaxel-Coated Percutaneous Angioplasty Balloon (ILLUMENTATE Pivotal)
Role: Sub-Investigator
Status: Open to enrollment

Title: Off-line analysis of color-coded blood flow angiography
Role: Sub-Investigator
Status: Open to enrollment

Title: Acute Venous Thrombosis: Thrombus Removal With Adjunctive Catheter-Directed Thrombolysis (The ATTRACT Trial)
Role: Sub-investigator
Status: Open to enrollment

Title: ENDOvascular Interventions with AngioMAX: The ENDOMAX Trial (MDCO-BIV-12-03)
Role: Sub-investigator
Status: Open to enrollment

Title: Evaluation of the GORE Conformable TAG Thoracic Endoprosthesis for Treatment of Acute Complicated Type B Aortic Dissection: TAG 08-01
Role: Sub-investigator
Status: Closed to enrollment, follow-up only

Title: Prospective, Multicenter, Randomized Controlled Trial of Endovascular Aneurysm Repair Using a Bilateral Percutaneous Approach (PEVAR) vs. Standard Approach (SEVAR) Using the IntuiTrak Endovascular AAA Delivery System
Role: Sub-investigator
Status: Closed to enrollment, follow-up only

Title: Zenith TX2 TAA Endovascular Graft Post-Approval Study
Role: Sub-investigator
Status: Open to enrollment

Title: A Phase IV Clinical Study to Evaluate the Safety of MR-Guided Focused Ultrasound Treatment of Uterine Fibroids With Enhanced Sonication Techniques
Role: Sub-investigator
Status: Open to enrollment

Title: Patient Long-Term Follow-Up to Collect Data Following MR-Guided Focused Ultrasound Treatment of Uterine Fibroids with Enhanced Sonication Techniques
Role: Sub-investigator
Status: Open to enrollment

Title: Clinical Study to Evaluate the Safety and Effectiveness of the Zenith Branch Endovascular Graft-Iliac Bifurcation with the ConnectSX
Role: Sub-investigator
Status: Closed to enrollment

Title: Post Approval Study Evaluating the Long-Term Safety and Effectiveness of the Endurant Stent Graft System (ENGAGE PAS)
Role: Sub-investigator
Status: Closed to enrollment, follow-up only

Title: A Clinical Study to Evaluate Safety of the ExAblate Model 2100 Type 1.1 System (ExAblate 2100/2200 UF V2 System) in the Treatment of Symptomatic Uterine Fibroids
Role: Sub-investigator
Status: Closed to enrollment, performing data analysis

Title: Patient Long-Term Follow-Up To Collect Data Following MR-Guided Focused Ultrasound Treatment of Uterine Fibroids With ExAblate Model 2100 Type 1.1 System
Role: Sub-investigator
Status: Closed to enrollment, follow-up only

Title: Randomized Trial of IN.PACT(Paclitaxel) Admiral Drug-Eluting Balloon (DEB) vs Standard PTA for the Treatment of Atherosclerotic Lesions in the Superficial Femoral Artery (SFA) and/or Proximal Popliteal Artery (PPA)("SFA II")
Role: Sub-investigator
Status: Closed to enrollment, follow-up only

Title: Zenith TX2 Low Profile Endovascular Graft for Blunt Thoracic Aortic Injury Clinical Study
Role: Sub-investigator
Status: Closed to enrollment, follow-up only

Title: A Randomized, Multicenter, Double-Blind, Placebo-Controlled Study of AC607 for the Treatment of Acute Kidney Injury in Cardiac Surgery Subjects
Role: Sub-investigator
Status: Open to enrollment

Title: Use of the Zenith Dissection Endovascular System in the Treatment of Patients with Acute, Complicated Type B Aortic Dissection.
Role: Sub-investigator
Status: Open to enrollment

Title: Long term clinical outcomes of patients receiving chemoembolization and/or radiofrequency ablation for the management of hepatic tumors.
Role: Sub-investigator
Status: Database open

Title: Database of bleeding gastric varices obliteration with BRTO (Balloon-Occluded Retrograde Transvenous Obliteration utilizing sodium tetradecyl sulfate foam.

Role: Sub-investigator

Status: Database open

Title: Chart review of interventional radiology imaging studies with linked clinical data using various software packages.

Role: Sub-investigator

Status: open to enrollment

Title: BEST-CLI Best endovascular vs. best surgical therapy in patients with critical limb ischemia

Role: Sub-investigator

Status: open to enrollment

Title: Database of patients interested in clinical trials involving focused ultrasound surgery for uterine fibroids

Role: Sub-investigator

Status: open to enrollment

Title: Endurant Evo US clinical trial

Role: Sub-investigator

Status: Closed to enrollment

Title: MOSAIC Study – A (M)ulti-center, prospective, (O)pen label, uncontrolled feasibility (S)tudy to assess the safety and effectiveness of an automatic low flow (A)scites (alfa)pump (I)n patients with (C)irrhosis and refractory or recurrent ascites.

Role: Sub-investigator

Status: open to enrollment

Title: A prospective, global, multicenter, randomized, controlled study comparing Lutonix 035 AV drug coated balloon PTA catheter vs. standard balloon PTA catheter for the treatment of dysfunctional AV fistulae (Lutonix AV)

Role: Sub-investigator

Status: open to enrollment

Title: Assessment of the Gore Excluder Conformable AAA Endoprosthesis in the Treatment of Abdominal Aortic Aneurysms

Role: Sub-investigator

Status: open to enrollment

Title: Valiant Evo US Clinical Trial

Role: Sub-investigator

Status: Closed to enrollment

Title: CT Foot and Lower Extremity Perfusion: A feasibility study

Role: Sub-investigator

Status: Open to enrollment

PAST AND PRESENT FUNDING

- Sponsor: Congressionally Directed Medical Research Program
Title: Elucidating the role of increased neuroinflammation and related structural and functional neurological sequelae after exposure to repetitive blast
Role: Principal Investigator
Period: 10/1/2022 – 9/30/2026
Amount: \$3,439,766
- Sponsor: Office of Naval Research
Title: Interpretable, subject specific-mapping of neurological health in the performance setting
Role: Principal Investigator
Period: 4/1/2023 – 3/31/2025
Amount: \$537,190
- Sponsor: National Institutes of Health
Title: Personalized profiles of pathology in pediatric traumatic brain injury
Role: Principal Investigator
Period: 3/1/2022 – 2/28/2027
Amount: \$565,251
- Sponsor: US Army Military Operational Medicine Research Program (through Henry M. Jackson Foundation)
Title: Experienced Artillery Study.
Role: Principal Investigator
Period: 3/1/2021 – 2/28/2024
Amount: \$1,950,000
- Sponsor: US Army Military Operational Medicine Research Program (through MTEC)
Title: Developing a model of brain and systemic physiological changes in experienced artillery service members.
Role: Principal Investigator
Period: 6/1/2020 – 8/31/2023
Amount: \$2,100,000
- Sponsor: US Army Combat Casualty Care Research Program
Title: Physiologic Effects of Hypobaric and Resuscitative Endovascular Balloon Occlusion of the Aorta in a Swine (*Sus scrofa domestica*) Hemorrhage Model.
Role: Site Principal Investigator
Period: 3/3/2020 – 3/2/2022
Amount: \$237,472
- Sponsor: US Army Combat Casualty Care Research Program
Title: Individualized medicine in a gyrencephalic model of TBI polytrauma through the continuum of care.
Role: Site Principal Investigator
Period: 4/1/2019 – 3/31/2022
Amount: \$1,541,253

Title: Determining the Role of Tau and Amyloid in Chronic Symptoms and Deficits in Military Personnel Following TBIs Through PET Imaging
Role: Site Principal Investigator
Period: 1/1/2019 – 8/31/2021
Amount: \$258,888

Sponsor: Office of Naval Research/Cohen Veterans Bioscience
Title: Predictive brain mapping in large populations through multiple modality matrix/tensor factorization.
Role: Principal Investigator
Period: 7/1/2018 – 6/30/2021
Amount: \$992,094

Sponsor: US Army Combat Casualty Care Research Program
Title: Resuscitative Endovascular Balloon Occlusion of the Aorta – Can Nurses and Corpsmen Perform this Skill for Life-Saving En Route Care? A Pilot Study.
Role: Site Principal Investigator
Period: 11/1/2016 – 10/31/2021
Amount: \$332,298

Sponsor: Navy Advanced Medical Development Fund
Title: Endovascular placement of aortic occlusion balloon utilizing active non-fluoroscopic guidance for stabilization of massive torso hemorrhage.
Role: Principal Investigator
Period: 5/1/2016 – 4/30/2018
Amount: \$527,244

Sponsor: Cohen Veterans Bioscience/American College of Radiology
Title: Establishing a Normative Neuroimaging Library for Traumatic Brain Injury
Role: Principal Investigator
Period: 12/15/2016 – 12/31/2021
Amount: \$1,772,104

Sponsor: Virginia Biosciences Health Research Corporation
Title: Virginia Neuroscience Initiative
Role: Site Principal Investigator
Period: 1/01/2017-1/31/2018
Amount: \$76,000

Sponsor: Department of Veterans Affairs
Title: Chronic Effects of Neurotrauma Consortium Neuroimaging Core Laboratory
Role: Principal Investigator
Period: 7/1/15 – 8/31/2018
Amount: \$148,576

Sponsor: Office of Naval Research
Title: Guided human-machine interaction: An application towards automated pathology detection in a traumatic brain injury population.
Role: Principal Investigator
Period: 5/1/2016 – 4/30/2018
Amount: \$105,000

Sponsor: TATRC
Title: Data Archive and Retrieval Toolkit
Role: Principal Investigator
Period: 10/1/15 – 8/31/18
Amount: \$30,000

Sponsor: US Army Medical Research and Materiel Command
Title: Functional and structural changes in cerebral vasculature following exposure to blast overpressures associated with TBI in military personnel
Role: Co-Principal Investigator
Period: 1/1/2015 – 12/31/2018
Amount: \$1,073,690

Sponsor: US Army Medical Research and Materiel Command
Title: Developing occupational standards for blast exposure.
Role: Principal Investigator
Period: 1/1/2015 – 9/30/2020
Amount: \$2,143,709

Sponsor: General Electric
Title: PET imaging of inflammation in a rodent TBI model
Role: Principal Investigator
Period: 11/1/14 – 12/31/15
Amount: \$108,290

Sponsor: US Navy Bureau of Medicine
Title: Neuroimaging correlates of low-level blast exposure in experience military breachers
Role: Principal Investigator
Period: 9/1/2012 – 7/31/2015
Amount: \$343,659

Sponsor: US Army Medical Research and Materiel Command
Title: Brain Injury Biomarkers and Behavioral Characterization of mTBI in Soldiers Following Repeated, Low-Level Blast Exposure
Role: Principal Investigator
Period: 6/1/2009 – 7/31/2015
Amount: \$1,261,014

Sponsor: US Army Medical Research and Materiel Command
Title: Toward development of a field-deployable imaging device for TBI
Role: Principal Investigator
Period: 2/7/2011 – 2/06/2015
Amount: \$1,052,400

Sponsor: DARPA
Title: Re-evaluation of the Bio-Effects of Repeated, Low-Level Blast Exposures
Role: Principal Investigator
Period: 7/1/2009 – 8/31/2014
Amount: \$681,525

Sponsor: Sirtex Medical, Ltd.
Title: The QUEST trial: Site Assessment Study
Role: Principal Investigator
Period: 7/1/2013 – 6/30/2014
Amount: \$8,164

Sponsor: Society of Interventional Radiology/Society of Vascular Surgery
Title: Predicting the Safety and Effectiveness of Inferior Vena Cava Filters (PRESERVE) trial
Role: Core Lab Principal Investigator
Period: TBD – 5 yr period of performance
Amount: \$980,000

Sponsor: B. Braun Interventional Systems
Title: VenaTech(TM) Convertible(TM) Vena Cava Filter U.S. Multi-Center Clinical Trial
Role: Principal Investigator
Period: 5/1/2012 – 4/30/2015
Amount: \$260,121

Sponsor: US Army Medical Research and Materiel Command
Title: Neuroimaging of biomarkers for combat relevant Traumatic Brain Injury
Role: Co-Principal Investigator
Period: 7/1/2009 – 9/30/2013
Amount: \$4,291,303

Sponsor: Office of Naval Research
Title: Histopathology of Experimental Blast Induced TBI
Role: Principal Investigator
Period: 1/1/2009 – 12/31/2009
Amount: \$44,133

Sponsor: SIR Foundation
Title: Preclinical evaluation of systemic Sorafenib (Nexavar) administration following trans-arterial chemoembolization (TACE) in a rodent model of hepatocellular carcinoma (HCC).
Role: Principal Investigator
Period: 6/1/2008 – 6/1/2009
Amount: \$25,000

Sponsor: Office of Naval Research (ONR)
Title: Breacher Injury Study
Role: Co-Principal Investigator
Period: 12/13/2007 – 12/31/2008
Amount: \$405,000

Sponsor: Department of Defense (DARPA)
Title: Physiologic Response to Blast in the Protected Subject
Role: Co-Principal Investigator
Period: 7/1/2005 to 6/30/2006
Amount: \$105,000

Sponsor: Commonwealth Neurotrauma Initiative
Title: Secondary Injury Mechanisms in Traumatic Brain Injury
Role: Co-Principal Investigator
Period: 2/1/2002 to 1/31/2004
Amount: \$450,000

Sponsor: Commonwealth Neurotrauma Initiative
Title: Novel Therapeutic Interventions in Traumatic Brain Injury
Role: Collaborator
Period: 2/1/2002 to 1/31/2004
Amount: \$258,000

Sponsor: Alzheimer's Association
Title: Alzheimer's-Associated Beta-Amyloid Peptide and Traumatic Brain Injury: mechanisms of formation and therapeutic intervention.
Role: Co-Principal Investigator
Period: 9/1/2001 to 8/31/2003
Amount: \$79,000

LECTURES/PRESENTATIONS

- 2022 Evaluation of the Bio Effects of Repeated Low Level Blast Exposure using PET CT Imaging. *Military Health System Research Symposium., 2022 annual meeting. Kissimmee, FL.*
- 2022 Evaluation of the Bio Effects of Repeated Low Level Blast Exposure using PET CT Imaging. *International Forum on Blast Injury Countermeasures.*
- 2022 Assessment of long-term effects in blast-exposed operational communities: recent neurological & biomarker results and the way ahead for the assessment of experienced artillery personnel. *Section 734 congressional workgroup on blast exposure.*
- 2021 Neurological correlates of repeated low-intensity blast exposure in operational personnel. *Department of Veterans Affairs, mTBI National Grand Rounds.*
- 2020 Normative Neuroimaging Library: Interim Analysis. *Cohen Veterans Bioscience – Research Roundtable.*
- 2020 Evaluation of the Bio Effects of Repeated Low Level Blast Exposure using PET CT Imaging. *Special Operations Command (SOCOM) invited lecture.*
- 2020 Exposure Standards for Repetitive Blast Exposure. *Invited Lecture – Section 734 working group IPR.*
- 2020 Interpretable mapping of neurological health with M³RI. *ONR invited lecture.*

- 2020 Predictive brain mapping in large populations via multiple modality matrix/tensor factorization. *ONR Commanders Risk Mitigation Dashboard (CRMD) 2020 Basic & Applied Research Review.*
- 2019 Exposure standards for repetitive blast exposure program: Assisting SOCOM cohort study of low-level blast exposure. *Invited lecture to Special Operations Command. MacDill Air Force Base. Tampa, LF. 2019.*
- 2019 Structural and functional neuroimaging in career Breachers. Military Health System Research Symposium.
- 2019 Exposure standards for repetitive blast exposure program: Assisting SOCOM cohort study of low-level blast exposure. Invited lecture – Special Operations Command.
- 2019 Experienced Breacher Study – Invited lecture, Defense Health Program.
- 2018 Learning a neurobiological basis of repetitive blast exposure in Breachers. Military Health System Research Symposium.
- 2017 Neuroimaging of TBI and blast exposure. *Invited Lecture – Camp LeJeune.*
- 2017 Molecular Neuroimaging of Traumatic Brain Injury. *Cedars Sinai Regeneration and Neurological Trauma Conference.*
- 2017 Establishing a Normative Library for Clinical Neuroimaging. *DOD/VA Traumatic Brain Injury Advisory Council meeting. Washington DC.*
- 2017 PRESERVE Imaging Core Laboratory. *Society of Interventional Radiology Annual Meeting. Washington, DC.*
- 2017 Blast Exposure Standards Program – Neuroimaging. Blast-Induced Traumatic Brain Injury Working Group conference. James J. Peters Veterans Affairs Medical Center. Bronx, VA.
- 2017 Neuroimaging of traumatic brain injury (TBI) – translational studies. Blast-Induced Traumatic Brain Injury Working Group conference. James J. Peters Veterans Affairs Medical Center. Bronx, VA.
- 2016 Illuminating Protein Interactions in Traumatic Brain Injury. 2016. National Capital Area TBI meeting.
- 2016 Advanced Neuroimaging of Dynamic Entry Personnel. Breacher Injury Research Consortium meeting. Naval Medical Research Center. Silver Spring, MD.
- 2016 Advanced Neuroimaging of Traumatic Brain Injury (TBI). National Intrepid Center of Excellence (NICoE) TBI research meeting. Washington, DC
- 2016 Advanced Neuroimaging of Traumatic Brain Injury (TBI). Virginia Tech Carilion-University of Virginia Collaborative Research Meeting. Roanoke, VA.

- 2016 Developing Molecular-based strategies for TBI diagnosis. *UVA Development Office Invited Lecture.*
- 2016 Emerging Neuroimaging Approaches for Traumatic Brain Injury. Invited talk - Department of Physical Medicine and Rehabilitation.
- 2015 Computational analysis of neuroimaging acquired from military service members exposed to repetitive low level blast: Lessons learned. Chronic Effects of Neurotrauma Consortium Annual Meeting.
- 2015 Traumatic Brain Injury: The Future. American College of Radiology Annual Meeting
- 2015 Cerebrovascular changes following traumatic brain injury. International Society of Neurovascular Diseases Annual Meeting.
- 2015 Neuroimaging of Traumatic Brain Injury. University of Virginia Compass Rose Society Meeting.
- 2015 Peripheral Artery Disease ABC's – Complications: Anticipate and react. Society of Interventional Radiology Annual Meeting.
- 2014 Blast Occupational Standards Program. General Electric Global Research TBI symposium.
- 2014 Neuroimaging of traumatic brain injury. Health Occupation Students of America Virginia Commonwealth Annual Meeting.
- 2014 Positron emission tomography (PET) imaging of traumatic brain injury. Practical PET Imaging for Clinicians and Biologists for Research and Patient Management.
- 2014 Neuroimaging of biomarkers for combat relevant traumatic brain injury. Fort Campbell National Intrepid Center of Excellence TBI Symposium.
- 2014 Neuroimaging of biomarkers for combat relevant traumatic brain injury. Fort Detrick Combat Casualty Care Research Program, Interim Program Review.
- 2013 Use of *syngo* iFlow to assess dynamic flow during vascular interventional procedures. World Congress of Interventional Oncology 2013 meeting. Siemens session.
- 2013 *Syngo* DynaCT applications in interventional radiology. World Congress of Interventional Oncology 2013 meeting. Siemens session.
- 2013 Angiosome-directed lower extremity revascularization for treatment of ischemic ulcer disease. Podiatry clinical outreach seminar.
- 2013 Advanced neuroimaging tools for detection of traumatic brain injury. Grand Rounds. Department of Neurological Surgery. University of Washington.
- 2012 UVA Neurotrauma laboratory research update, Department of

- Neurological Surgery, University of Virginia, Research Conference
- 2012 Neuroimaging correlates of repetitive blast exposure in human military service members. Dean's new faculty seminar series. University of Virginia.
- 2011 Long Term Sequelae of Combat Relevant Traumatic Brain Injury, Neurotrauma Grand Rounds, Medical Research and Materiel Command, Fort Detrick, Frederick, MD
- 2011 Neuroimaging of Biomarkers for Combat Relevant Traumatic Brain Injury, Interim Project Review, Medical Research and Materiel Command, Herndon, VA
- 2011 Neuroimaging correlates of repetitive low-level blast exposure in human military breachers. Virginia Commonwealth University Traumatic Brain Injury Spring Seminar Series
- 2010 Neuroimaging of low-level blast exposure in US Marine Corp Breachers. Department of Psychology, University of Virginia, Research Conference
- 2010 Neuroimaging correlates of repetitive low-level blast in US Marine Corp Breacher Instructors and Trainees, Department of Radiology, Keynote lecture, Annual Research Week
- 2010 Research update, Virginia Neurotrauma Laboratory, Department of Neurological Surgery, University of Virginia, Research Conference
- 2010 Kiwi Breacher Study, Neuroimaging Update, Walter Reed Army Institute of Research
- 2010 Neuroimaging correlates of blast exposure in a small animal experimental overpressure model and in human military breachers. Advanced Technology Applications for Combat Casualty Care, St. Pete Beach
- 2008 Breacher Injury Study. Office of Naval Research Investigators Meeting
- 2007 Microstructural damage in traumatic blast injury, DARPA update on blast research conference (2007)
- 2007 Neuroimaging and toxicological evaluations following repeated low-level blast exposure. DARPA PREVENT kick-off meeting, New York, NY (2007)
- 2007 Magnetic Resonance Imaging as a diagnostic and research tool in blast-induced Traumatic Brain Injury, Technical Support Working Group (2007)
- 2007 Neuroimaging evaluation of breacher trainees following repeated low-level blast exposure, Applied Research Associates, update on research meeting (2007)
- 2007 Traumatic Axonal Injury: Elucidation of Injury mechanisms and

- identification of targets for therapeutic intervention. W.M. Keck Center for Cellular Imaging, FRET Microscopy Workshop, University of Virginia (2007)
- 2006 Development of Biologically Meaningful Blast Injury Criteria, Technical Support Working Group (2006)
- 2005 Utilization of Tissue FRET to Explore Role of Bcl-2-related Proteins in Traumatic Axonal Injury Following Traumatic Brain Injury. W.M. Keck Center for Cellular Imaging FRET workshop.
- 2005 Brain Injury from Blast – Preliminary Results, DARPA update on blast research conference.
- 2005 Neuropathology of blast-induced traumatic brain injury, Walter Reed Army Medical Center, Defense and Veterans Brain Injury Center (2005)
- 2004 Mechanisms of Traumatic Axonal Injury Pathogenesis. Commonwealth Neurotrauma Initiative Investigators Meeting.
- 2002 Relationship of 40kD, 10kD, and 3kD fluorescent indicators of altered axolemmal permeability to impaired axonal transport in Traumatic Axonal Injury. National Neurotrauma Society Annual Meeting.
- 2002 Characterization of the heterogeneous axonal response to Traumatic Brain Injury. University of Pennsylvania Head Injury Center Grand Rounds.
- 2001 Caspase-3 cleavage of Amyloid Precursor Protein and Deposition of A β peptide in TBI: A mechanism for axonal death? European Neurocritical Care Conference, Innsbruck, Austria.
- 1999 Immunolocalization of impaired axonal transport and neurofilament disruption in traumatic axonal injury. Virginia Commonwealth University Neurotrauma Fall Seminar.
- 1999 Immunofluorescent co-localization of Amyloid Precursor Protein and RM014 within distinct classes of Traumatically Injured Axons. Society for Neurosciences Annual Meeting.

EDITORIAL ACTIVITIES

- PLOS One, Manuscript Reviewer
- Journal of Neuroscience Research, Manuscript Reviewer
- Guest Co-editor, Techniques in Vascular and Interventional Radiology, Mesenteric Vascular Disease, 18 (1), March 2015.
- Journal of Vascular and Interventional Radiology, Manuscript Reviewer
- Experimental Neurology, Manuscript Reviewer
- Journal of Neuroscience Methods, Manuscript Reviewer
- Journal of Neurotrauma, Manuscript Reviewer
- Neuroimage, Manuscript Reviewer

- Neurosurgery, Manuscript Reviewer
- New England Journal of Medicine, Manuscript Reviewer
- Journal of Clinical Investigation, Manuscript Reviewer
- Science Translational Medicine, Manuscript Reviewer
- Cardiovascular and Interventional Radiology, Manuscript Reviewer
- JAMA Neurology (Formerly the Archives of Neurology), Manuscript Reviewer

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Publications:

1. Neumann KD*, Seshadri V, Thompson XD, Broshek DK, Druzgal J, Massey JC, Newman B, Reyes J, Simpson SR, McCauley KS, Patrie J, **Stone JR**, Kundu KK, Resch JE. Microglial activation persists beyond clinical recovery following sports concussion in collegiate athletes. *Frontiers in Neurology*, 2023 (Accepted).
2. Vorn R, Edwards KA, Hentig, J, Yun S, Hyung-Suk K, Lai, C, Devoto C, Yarnell, AM, Polajaeva E, Dell KC, LoPresti ML, Walker P, Carr W, **Stone JR**, Ahlers ST, Gill JM*. A pilot study of whole-blood transcriptomic analysis to identify genes associated with repetitive low-level blast exposure in career breachers. *Biomedicines*, 2022 Mar 17;10(3):690. (
3. Edward KA, Leete JJ, Smith EG, Quick A, Modica CM, Wassermann EM, Polejaeva E, Dell KC, LoPresti M, Walker P, O'Brien M, Lai C, Qu B, Devoto C, Carr W, **Stone JR**, Ahlers ST, Gill JM*. Elevations in tumor necrosis factor alpha and interleukin 6 from neuronal-derived extracellular vesicles in repeated low-level blast exposed personnel. *Frontiers in Neurology*, 2022 Apr 21;13:723923.
4. Qing K*, Nie K, Liu B, Feng X, **Stone JR**, Cui T, Zhang Y, Zhu J, Chen Q, Wang X, Zhao L, Parikh S, Mugler JP, Kum S, Weiner J, Yue N, Chundury A. The impact of optic nerve movement on intracranial radiation treatment. *Frontiers in Oncology*, 2022 Feb 24;12:803329.
5. Wilde EA*, Wanner IB, Kenney K, Gill J, **Stone JR**, Disner S, Schnakers C, Meyer R, Prager EM, Haas M, Jeromin A. A framework to advance biomarker development in the diagnosis, outcome prediction, and treatment of traumatic brain injury. *Journal of Neurotrauma*, 2022 Apr;39(7-8):436-457.
6. Gill J*, Edwards K, Greer K, Leete J, Lai C, Devoto C, Qu B, Yarnell A, Polejaeva E, Dell K, LoPresti M, Walker P, Wassermann E, Carr W, **Stone J**, Ahlers S. Neuronally-derived tau is increased in experienced breachers and is associated with neurobehavioral symptoms. *Scientific Reports*. 2021 11(1):19527.
7. Haran FJ, Zampieri C, Wassermann EM, Polejaeva E, Dell KC, LoPresti ML, Stone JR, Ahlers ST, Carr W. Chronic effects of breaching blast exposure on sensory organization and postural limits of stability. *BMJ Open*. (Accepted)
8. Avants BB*, Tustison NJ, Stone JR. Similarity-driven multi-view embeddings from high-dimensional biomedical data. *Nature Comp Sci*. 2021 Feb.

9. Stone JR*, Avants BB, Tustison NJ, Wassermann EM, Gill J, Polejaeva E, Dell KC, Carr W, Yarnell AM, LoPresti ML, Walker P, O'Brien M, Domeisen N, Quick A, Modica CM, Hughes JD, Haran FJ, Goforth C, Ahlers ST. Functional and Structural Neuroimaging Correlates of Repetitive Low-Level Blast Exposure in Career Breachers. *J Neurotrauma*. 2020 Dec 1;37(23):2468-2481.
10. Tustison NJ, Cook PA, Holbrook AJ, Johnson HJ, Muschelli J, Devenyi GA, Duda JT, Sandhitsu DR, Cullen NC, Gillen DL, Yassa MA, Stone JR, Gee JC, Avants BB. The ANTsX ecosystem for quantitative biological and medical imaging. *Scientific Reports*. 2021 (Accepted)
11. Modica CM, Johnson BR, Zalewski C, King K, Brewer C, King JE, Yarnell AM, LoPresti ML, Walker PB, Dell KC, Polejaeva E, Quick A, Arnold B, Wassermann EM, Stone JR, Ahlers ST, Carr W. Hearing Loss and Irritability Reporting Without Vestibular Differences in Explosive Breaching Professionals. *Front Neurol*. 2020. Dec 16;11:588377.
12. Dickstein DL*, De Gasperi R, Gama Sosa MA, Perez-Garcia G, Short JA, Sosa H, Perez GM, Tschiffely AE, Dams-O'Connor K, Pullman MY, Knesaurek K, Knutsen A, Pham DL, Soleimani L, Jordan BD, Gordon WA, Delman BN, Shumyatsky G, Shahim PP, DeKosky ST, **Stone JR**, Peskind E, Blennow K, Zetterberg H, Chance SA, Torso M, Kostakoglu L, Sano M, Hof PR, Ahlers ST, Gandy S, Elder GA. Brain and blood biomarkers of tauopathy and neuronal injury in humans and rats with neurobehavioral syndromes following blast exposure. *Mol Psychiatry*. 2020 Feb 25.
13. Hsu A, Bhattacharya KR, Chan HK, Huber TC, Gardner B, Stone JR, Angle JF. Effect of timing on endovascular therapy and exploratory laparotomy outcome in acute mesenteric ischemia. *Ann Gastroenterol*. 2019 Nov-Dec;32(6):600-604.
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15. Tustison NJ, Holbrook AJ, Avants BB, Roberts JM, Cook PA, Reagh ZM, Duda JT, Stone JR, Gillen DL, Yassa MA; Alzheimer's Disease Neuroimaging Initiative. Longitudinal Mapping of Cortical Thickness Measurements: An Alzheimer's Disease Neuroimaging Initiative-Based Evaluation Study. *J Alzheimers Dis*. 2019;71(1):165-183.
16. Abutarboush R, Gu M, Kawoos U, Mullah SH, Chen Y, Goodrich SY, Lashof-Sullivan M, McCarron RM, Statz JK, Bell RS, Stone JR, Ahlers ST. Exposure to Blast Overpressure Impairs Cerebral Microvascular Responses and Alters Vascular and Astrocytic Structure. *J Neurotrauma*. 2019 Nov 15;36(22):3138-3157.
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18. Bigler ED, Skiles M, Wade BSC, Abildskov TJ, Tustison NJ, Scheibel RS, Newsome MR, Mayer AR, Stone JR, Taylor BA, Tate DF, Walker WC, Levin HS, Wilde EA. FreeSurfer 5.3 versus 6.0: are volumes comparable? A Chronic Effects of Neurotrauma Consortium study. 2018 (In press)
19. Hohenwarter EJ*, **Stone JR**, O'Moore PV, Smith SJ, Selby JB, Lewandowski RJ, Samuels S, Kiproff PM, Trost DW, Madoff DC, Handel J, Gandras EJ, Vlahos A, Rilling WS. Multicenter Trial of the VenaTech Convertible Vena Cava Filter. *J Vasc Interv Radiol.* (2017) 28(10):1353-1362.
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22. **Stone JR***, Wilde EA, Taylor BA, Tate DF, Levin H, Bigler ED, Scheibel RS, Newsome MR, Mayer AR, Abildskov T, Black GM, Lennon MJ, York GE, Agarwal R, DeVillasante J, Ritter JL, Walker PB, Ahlers ST, Tustison NJ. Supervised Learning technique for the automated identification of white matter hyperintensities in traumatic brain injury. *Brain Inj.* 2016;30(12):1458-1468.
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