

Sasha Adams, M.D.

Curriculum Vitae

Oct 2018

Sasha Adams, MD
Associate Professor, Department of Surgery
Division Acute Care Surgery
McGovern Medical School at UTHealth
6431 Fannin Street, MSB 4.282
Houston, TX 77030
sasha.d.adams@uth.tmc.edu
(713) 500-7217

CITIZENSHIP: USA

EDUCATION

UNDERGRADUATE

George Washington University, Washington DC
8/1993-12/1997 B.S. Biology

GRADUATE

Medical University of South Carolina,
8/1998-5/2002 Medicine

POSTGRADUATE

General Surgery

University of Texas Medical School – Houston, TX
2002-2003 Internship
2003-2004, 2007-2010 Residency

T32 Research Fellowship

Trauma Research Center, University of Texas Medical School – Houston, TX
2004-2007 The Role of the gut in inflammation and sepsis
Lab Mentor: David Mercer, MD

Surgical Critical Care Fellowship

University of Texas Medical School – Houston, TX,
7/2010 – 8/2011

PROFESSIONAL DEVELOPMENT

Health Education Fellowship – McGovern Medical School
1/2016 – 7/2017

An 18 month fellowship program to expand the teaching skills and knowledge of faculty, enhance their ability to design and evaluate curriculum, and promote self-reflection and readiness to benefit from constructive feedback.

Surgeons as Educators, American College of Surgeons Division of Education
8/2016

A 6-day intensive faculty development course for surgeon educators to provide knowledge and skills to enhance abilities as teachers and administrators of surgical education programs.

AO Foundation Trauma Faculty Development Course
8/2017 – 10/2017

ACADEMIC & ADMINISTRATIVE APPOINTMENTS

August 2010-August 2011

Medical Staff, Department of General Surgery and Trauma. Memorial Hermann Hospital, Medical Center, Houston TX
Medical Staff, General Surgery, LBJ Hospital, Harris County Hospital District, Houston, TX

August 2011 – April 2015

Assistant Professor of Surgery in the Division of Trauma, Critical Care & Emergency General Surgery, UNC Memorial Hospital

July 2012 – April 2015

Medical Director, UNC Intermediate Surgical Care Unit.

April 2015 – October 2018

Assistant Professor in the Division of Acute Care Surgery, McGovern Medical School
Student Clerkship Director, MS3 & MS4 rotations, McGovern Medical School
Medical Director, Silver Unit (Geriatric Trauma floor), Memorial Hermann Hospital

March 2017-present

Assistant Program Director, General Surgery Residency, McGovern Medical School

September 2018-present

Associate Professor in the Division of Acute Care Surgery, McGovern Medical School

HOSPITAL APPOINTMENTS

2005-2007

House Staff Physician, Cornerstone Hospital, Houston, TX

2005-2011

House Staff Physician, Triumph Hospitals, Houston, TX

2010-2011

Clinical staff, Memorial Hermann Hospital, Texas Medical Center
Clinical staff, LBJ Hospital, Houston, TX

Aug 2011-Apr 2015

Medical Staff, UNC Memorial Hospital

Nov 2015-Sep 2016

Medical Staff, Memorial Hermann The Woodlands

Apr 2015-present

Medical Staff, Memorial Hermann Hospital, Texas Medical Center
Clinical staff, LBJ Hospital, Houston, TX

LICENSURE

NC Medical License	8/2011-2015
TX Medical License	2007 - present

CERTIFICATION

Fundamentals of Laparoscopic Surgery	2010	
Board Certification, Surgical Critical Care	9/2012	#3088
Board Certification, General Surgery	3/2012	#56679
ATLS Certified instructor	2011 – present	
ACLS Certified	2015 - present	
Stop the Bleed Instructor	2016	

PROFESSIONAL ORGANIZATIONS

Local

Houston Surgical Society

Regional

Member, NC Chapter, American College of Surgeons (2011)
Chair-Elect, Mid Carolina Regional Advisory Committee (RAC) for Trauma, NC (2014)
South Texas Chapter, American College of Surgeons (2016)

National

Member, The Eastern Association for the Surgery of Trauma (2010)
Fellow, American College of Surgeons (2013)
Member, Association for Academic Surgery (2005)
 Education Committee (2014-2016)
Member, Association of Women Surgeons (2005)
 Clinical Practice Committee (2013-present)
 Vice Chair (2015-2016)
 Chair (2017-2019)
Member, Society of Critical Care Medicine (2010)
Member, The American Association for the Surgery of Trauma (2014)
 Geriatric Trauma committee (2015-2019)
 Institutional representative to the American Geriatrics Society – Geriatrics for
 Specialists Initiative (2018)
Member, The Association for Surgical Education (2016)
 Clerkship Director Committee (2016-present)
Member, National Neurotrauma Society (2017)

Member, American Geriatrics Society (2018)

HONORS and AWARDS

1998-2002 Full Tuition Scholarship, Medical University of South Carolina
2005 Basic Science winner, Local South Texas and Region VI Resident Competition, Committee on Trauma, American College of Surgeons
2009 Clinical Science winner, Local South Texas and Region VI Resident Competition, Committee on Trauma, American College of Surgeons
2010 Resident Research Competition winner, Houston Surgical Society annual resident competition, April 2010.
2010 Chief Resident of the Year Award, UT Houston
2014 UNC Surgery Service of the Year
2016 Recipient, Dean's Teaching Excellence Award
2016 Honorary membership, Will C Sealy Surgical Society
2017 Recipient, Dean's Teaching Excellence Award
2018 Recipient, Dean's Teaching Excellence Award
2017-2019 Faculty representative, Student Surgical Association, McGovern Medical School

EDITORIAL POSITION

Ad-hoc reviewer for Journal of Surgical Research
Ad-hoc reviewer for Journal of Trauma and Acute Care Surgery
Ad-hoc reviewer for Injury
Ad-hoc reviewer for Geriatrics & Gerontology International

SERVICE ON MEMORIAL HERMANN HOSPITAL COMMITTEES

2016-present Infection Control Committee, Memorial Hermann Hospital
2016-present Memorial Hermann System – Supply Chain Task Force
2017-2018 Memorial Hermann Hospital – Fluoroscopy training Subcommittee

SERVICE ON McGOVERN MEDICAL SCHOOL AT UTHEALTH COMMITTEES

2005-2006 Internal Review Executive Committee, University of Texas Houston
2009 Orthopedic Chairman Search Committee, University of Texas Houston
2004, 2009 Interviewer for Surgical Residency candidates, Univ Texas Houston
2015-present Trauma Guidelines Committee
2015-present Student Clerkship Director, MS3 & MS4, UTHealth Dept of Surgery
2016-present Clinical Competency Committee, UTHealth Dept of Surgery

CURRENT TEACHING RESPONSIBILITIES

As an assistant professor with the Department of Surgery, I provide direct supervision of all levels of trainees, including medical students, advance practice providers, residents and critical care fellows. Our busy service provides consistent and challenging opportunities for on-the-job training. I focus on improving judgement, fine-tuning technical skills, and coaching leadership to all my trainees. I also give 4-5 formal

presentations during the year to residents and/or fellows on trauma or critical care topics.

I am the Surgical Clerkship Director for the medical school, coordinating the MS3 clinical experiences on general surgery as well as subspecialty services. I directly supervise 6 groups of 40 students for their 2 month rotations throughout the year.

- I coordinate the surgical lecture series to help them prepare for the USMLE surgical exam, and personally teach the 1h lecture on Introduction to Trauma
- In response to student feedback from 2015-16, I added and lead 2 quiz reviews to the lecture series, each lasting 1hr. I review all 25 questions from each of 2 quizzes covering various areas of surgery, and discuss the answer choices, clarifying student understanding of the topics.
- I created a small group workshop that familiarizes students with appropriate technique in performing patient handovers and give them hands-on practice
- I organized an annual Surgery Information session for MS1-3 to expose them to different types of surgical subspecialties. Faculty members from each specialty present information on their specialty, including hints at improving chances of matching, contact information for mentoring, and contacts for research opportunities.
- I mentor 15-20 students each year regarding creating their 4th year rotation schedule, including away visitor rotations as well as sub-internships and electives within our institution. To ensure I am available as needed for student advising, I maintain 4 hours per week of “open office hours”, during which students can drop in and discuss their career plans.

MENTORING ACTIVITIES

2012-2014 Sara Kim Medical Student (3rd 4thyr)

2014-2015 Heather Logghe Intern, PGY2

2013-2015 Rebecca Ashton PGY2, PGY3

2013-2015 Achieve Carolina: Mentoring program for financially challenged UNC undergraduate students

2015-2016 UT Master Advisor 2015-2016. Quarterly mentoring meetings with 12 first year medical students

2015-present Mentor 2 summer research interns between 1st and 2nd years of medical school, and continue to follow and mentor them throughout their clinical years.

2015-present: Mentored 16 MS3-4 students applying to General Surgery residency. Quarterly meetings with each, career mentoring, application support

2016 Preliminary General Surgery residents at McGovern Medical School, advising career mentoring, application support

2016- present: McGovern Medical School Societies Leader: Assigned 8 1st year medical students from each class to mentor throughout all 4 years. Currently mentoring students in 1st year and 2nd year classes. McGovern Medical School Committee on Wellness

2017-present: Academic mentor for General Surgery categorical resident David Yu and preliminary resident Ethan Reznicek (matched into ER residency for 2018 year).

CURRENT CLINICAL SERVICE RESPONSIBILITIES

The Acute Care Surgery Service at Memorial Hermann Hospital is a busy service consisting of Trauma, Emergency General Surgery, Surgical Critical Care, and Burns. I have various responsibilities within the group.

- The majority of my clinical time is with the Trauma and Critical Care teams, in one of many 12h shifts with duties include rounding on floor and IMU patients, critical care rounds in the ICU, responding to Level 1 trauma pages, evaluating trauma consults, operating as indicated on new as well as established patients, or providing follow up care to outpatients in clinic.
- I typically take 5 overnight or weekend 12h calls each month.
- I attend monthly Trauma Service line meetings as well as weekly morbidity & mortality conferences both at divisional level and departmental.
- As an academic faculty, I supervise all levels of trainees from MS3 to critical care fellows while they rotate on the service. Supervision and coaching occurs in all areas, including initial patient evaluation, care plan decision making, operative intervention, peri-operative patient care, and outpatient follow up.

PAST GRANT SUPPORT

2004-2007 GM-08792 T-32 Grant; University of Texas-Houston Trauma Research Center. Pathogenesis of Multiple Organ Failure. Laboratory bench research under mentorship of Dr. David Mercer investigating molecular pathways of sepsis and potential therapeutic interventions to blunt the inflammatory response in rat models.

2011-2015 Reynolds Foundation Grant: Next steps in physicians' training in geriatrics. 5% salary support. Faculty champion for promoting importance of geriatric education and care protocols within the Department of Surgery, and collaborating with faculty champions within other specialties to increase institutional awareness of geriatric issues.

PUBLICATIONS

A. Abstracts

1. **Kennison SD**, Suliburk JW, Kao LS, Murray B, Mercer DW. Effects of Enterococcus on inflammatory mediators in a mouse peritonitis model. Shock 2005;23(S3):45.
2. Kao LS, **Kennison SD**, Suliburk JW, Mercer DW. Insulin potentiates Lipopolysaccharide (LPS)-induced hypoglycemia and inflammatory response. Shock 2005;23(S3):47.
3. **Adams SD**, Suliburk JW, Mercer DW. Ketamine attenuates LPS-induced injury via a PPAR transcription pathway. Journal of Surgical Research 2006; 130(2):213.

4. **Adams SD**, Daigle CE, Radhakrishnan RS, Weisbrodt NW, Mercer DW. Effects of ketamine on Lipopolysaccharide (LPS) induced changes in gastrointestinal transit. *Surgical Infections* 2006; 7(2):207.
5. Dial E, Lopez-Storey M, **Adams SD**, Lichtenberger L, McKinley B, Moore FA. Assessment of pH, Hemoglobin, and bile acid in gastric fluid from major torso trauma patients. *Shock* 2006; 25(S1):31.
6. **Adams SD**, Mercer DW. Effects of anesthesia on LPS-induced changes in serum cytokines. *Shock* 2006; 25(S1):47-8.
7. Delano BA, **Adams SD**, Mercer DW. Postoperative effects of laparotomy on LPS induced changes in serum cytokines. *Shock* 2006; 25(S1):48.
8. Delano BA, **Adams SD**, Mercer DW. Postoperative effects of laparotomy on LPS induced gastric injury. *JACS* 2006; 203(3S):S10.
9. Radhakrishnan RS, Ramaswamy GL, Radhakrishnan HR, **Adams SD**, Saunders B, Felix K, Moore-Olufemi S, Moore F, Cox C, Kone B. Pretreatment with BMP-7 mimics protective effects of ischemic preconditioning (IPC) following intestinal ischemia/reperfusion (IR) injury in the intestine and liver. *JACS* 2006; 203(3S):S18.
10. **Adams SD**, Suliburk JW, Mercer DW. Fasting enhances liver susceptibility to injury from LPS. *JPEN* 2007; 31(2):S30-31.
11. **Adams SD**, Delano BA, Kwan RK, Robinson EK, Mercer DW. Acidified ethanol induced gastric injury enhances gastric mucosal MMP2 production. *J Surg Res* 2007; 137(2):283.
12. Delano BA, **Adams SD**, Mercer DW. Can ketamine exert anti-inflammatory effects if given after an LPS insult? *J Surg Res* 2007; 137(2):239-40.
13. **Adams SD**, Delano BA, Mercer DW. Fasting enhances hepatic TLR4 expression in response to LPS. *Gastroenterology* 2007; April Supp.
14. Delano BA, **Adams SD**, Mercer DW. Ketamine attenuates endotoxin induced hepatic injury *Gastroenterology* 2007; April Supp.
15. Phillips MR, Machta R, **Adams SD**, McLean SE, Charles AG. Are geriatric patients at increased risk of appendiceal perforation? *JACS* 2014; 219(3S): S52.

B. Original Articles

1. Malhotra AK, Adler C, **Kennison SD**, Elman I, Pickar D, Breier A.: Clozapine Blunts N-Methyl-D-Aspartate Antagonist-Induced Psychosis: A Study with Ketamine. *Biological Psychiatry*. 42:664-668, 1997.
2. Thomas P, Hebra A, **Adams S**. Pancreatitis and Pancreatic Pseudocyst. In: *Pediatrics/Gastroenterology*. *EMedicine* [Online]. <http://www.emedicine.com> June 2004, revised 2006.
3. Suliburk JW, Gonzalez EA, **Kennison SD**, Helmer KS, Mercer DW.: Differential effects of anesthetics on endotoxin-induced liver injury. *Journal of Trauma*. 2005 Apr;58(4):711-6.
4. Suliburk JW, Helmer KS, **Kennison SD**, Mercer DW, Robinson EK.: Time dependent aggravation or attenuation of Lipopolysaccharide-induced gastric injury by nitric oxide synthase inhibition. *Journal of Surgical Research* 2005 Dec;129(2):265-71.

5. Kozar R, Cipolla H, **Adams S**. Chylothorax. In: Surgery/Gastroenterology. *EMedicine* [Online]. <http://www.emedicine.com> June 2005.
6. Robinson EK, **Kennison SD**, Suliburk JW, Mercer DW.: Rat gastric injury after lipopolysaccharide: role of inducible nitric oxide synthase. *Surgery* 2005 Sep;138(3):523-9.
7. Robinson EK, Seaworth CM, Suliburk JW, **Adams SD**, Kao LS, Mercer DW.: Effect of nos inhibition on rat gastric matrix metalloproteinase production during endotoxemia. *Shock* 2006 May;25(5):507-14.
8. **Adams SD**, Mercer DW.: Fulminant Clostridium difficile Colitis. *Current Opinion in Critical Care*. 2007 Aug;13(4):450-5.
9. Vercruyse GA, **Adams SD**, Feliciano DV.: Computed tomographic evidence of hepatic portal venous gas after blunt abdominal trauma does not necessitate surgery. *American Surgeon*. 2008 Apr;74(4):335-7.
10. Radhakrishnan RS, Radhakrishnan GL, Radhakrishnan HR, Xue H, **Adams SD**, Moore-Olufemi SD, Harting MT, Cox CS Jr, Kone BC.: Pretreatment with bone morphogenic protein-7 (BMP7) mimics ischemia preconditioning (IPC) following intestinal ischemia/reperfusion (IR) injury in the intestine and liver. *Shock* 2008 Nov;30(5):532-6.
11. **Adams SD**, Radhakrishnan RS, Helmer KS, Mercer DW.: Effects of anesthesia on Lipopolysaccharide-induced changes in serum cytokines. *J Trauma* 2008 Jul;65(1):170-4.
12. Harting MT, Jimenez F, **Adams SD**, Mercer DW, Cox CS Jr.: Acute, regional inflammatory response after traumatic brain injury: Implications for cellular therapy. *Surgery* 2008 Nov;144(5):803-13.
13. Dial E, Lopez-Storey M, **Adams S**, Lichtenberger L, Gonzalez E, McKinley B, Moore F, Mercer D.: A report on associations among gastric pH, bleeding, duodenogastric reflux, and outcomes after trauma. *J Trauma* 2008 Jan;64(1):105-10.
13. **Adams SD**, Delano BA, Helmer KS, Mercer DW.: Fasting Exacerbates and Feeding Diminishes LPS-induced Liver Injury in the Rat. *Digestive Disease Sciences* 2009 Apr;54(4):763-73.
14. Ward JL, Delano BA, **Adams SD**, Mercer EE, Mercer DW.: Laparotomy Attenuates Lipopolysaccharide-Induced Gastric Bleeding in the Rat. *Digestive Disease Sciences* 2010 April;55(4):902-10.
15. Suliburk JW, Ward JL, Helmer KS, **Adams SD**, Zuckerbraun BS, Mercer DW.: Ketamine Induced Hepatoprotection: the Role of Heme Oxygenase-1. *Am J Physiol Gastrointest Liver Physiol* 2009 Jun;296(6):G1360-9.
16. Todd SR, Kao LS, Catania A, Mercer DW, **Adams SD**, Moore FA.: Alpha-melanocyte stimulating hormone in critically injured trauma patients. *J Trauma* 2009 Feb;66(2):465-9.
17. Ward JL, **Adams SD**, Delano BA, Clarke CE, Radhakrishnan RS, Weisbrodt NW, Mercer DW.: Ketamine suppresses LPS-induced bile reflux and gastric bleeding in the rat. *J Trauma* 2010 Jan;68(1):69-75.
18. **Adams SD**, Cotton BA, McGuire MF, Dipasupil E, Podbielski J, Zaharia A, Jastrow K, Ware DN, Gill BS, Albarado R, Kozar RA, Duke J, Adams PR, Dyer

- CB, Holcomb JB.: The unique pattern of complications in elderly trauma patients at a Level I trauma center. *J Trauma* 2012 Jan;72(1):112-8.
19. Lu RP, Lin FC, Ortiz-Pujols SM, **Adams SD**, Whinna HC, Cairns BA, Key NS.: Blood utilization in patients with burn injury and association with clinical outcomes. *Transfusion* 2013 Oct;53(10):2212-21.
 20. **Adams SD**, Cotton BA, Wade CE, Kozar RA, Dipasupil E, Podbielski JM, Gill BS, Duke JH, Adams PR, Holcomb JB.: Do not resuscitate (DNR) status, not age, affects outcomes after injury: An evaluation of 15,227 consecutive trauma patients. *J Trauma* 2013 May;74(5):1327-30.
 21. Joseph MJ, Khoury A, Mendoza A, **Adams S**, Short K, Charles A.: Tracheostomy in the critically ill: the myth of dead space. *Anaesth Intensive Care*. 2013 Mar;41(2):216-21.
 22. Lu RP, Ni A, Lin FC, Ortiz-Pujols SM, **Adams SD**, Monroe DM, Whinna HC, Cairns BA, Key NS.: Major burn injury is not associated with acute traumatic coagulopathy. *J Trauma* 2013 Jun;74(6):1474-9.
 23. **Adams SD**, Holcomb JB.: Geriatric Trauma. *Current Opinions in Critical Care*. 2015 Dec; 21(6): 520-6.
 24. Harvin JA, Kao LS, Liang MK, **Adams SD**, McNutt MK, Love JD, Moore LJ, Wade CE, Cotton BA, Holcomb JB. Decreasing the use of damage control laparotomy in trauma: A quality improvement project. *J Am Coll Surg* 2017 Aug; 225(2): 200-209.
 25. George MJ, **Adams SD**, McNutt MK, Love JD, Albarado R, Moore LJ, Wade CE, Cotton BA, Holcomb JB, Harvin JA. The effect of damage control laparotomy on major abdominal complications: A matched analysis. *Am J Surg* 2017 Nov 11. [Epub ahead of print]
 26. Cherla DV, Viso CP, Olavarria OA, Bernardi K, Holihan JL, Mueck KM, Flores-Gonzalez J, Liang MK, **Adams SD**. The impact of financial conflict of interest on surgical research: an observational study of published manuscripts. *World J Surg* 2018 Feb 9 [Epub ahead of print].
 27. Lee R, Swartz MD, Harvin JA, Cotton BA, Holcomb JB, Wade CE, **Adams SD**. Stop the bleed training empowers learners to act to prevent unnecessary hemorrhagic death. *Amer J of Surg*. [in press]

C. Chapters

1. **Adams SD**, Alger AR. Chapter 25: General Trauma and Burns. p371-382. In: *Neurocritical Care Board Review*. Demos Medical. 2013. Revised 2017.
2. Rich PB, **Adams SD**. Chapter 9: Health Care Economics and the Impact of Aging on Rising Health Care Costs. p75-82. In: *Geriatric Trauma and Emergency Care*. Springer. 2014.
3. Platts-Mills TF, **Adams SD**. Trauma in Older Adults. In: Hawood-Nuss' *Clinical Practice of Emergency Medicine*, 6e. Philadelphia (PA): Lippincott Williams & Wilkins. 2013.
4. Rich PB, **Adams SD**. Healthcare-Economic impact of caring for the elderly. In *Caring for the Geriatric Surgical Patient*. Surgical Clinics of North America, ed. Fred Luchette. Elsevier. February 2015

D. Presentations

Local

Kennison SD, Suliburk JW, Mercer DW: Ketamine attenuates Endotoxin induced liver injury: Role of PPARgamma. 8th Annual Dr “Red” Duke Professional Day, Houston, TX, January 2005.

Kennison SD, Suliburk JW, Mercer DW: Ketamine attenuates Endotoxin induced liver injury: Role of PPARgamma. South Texas Chapter, American College of Surgeons, Houston, TX, March 2005.

Adams SD, Suliburk JW, Mercer DW: Ketamine attenuates LPS-induced liver injury via a PPAR transcription pathway. South Texas Chapter, American College of Surgeons, Houston, TX, February 2006.

Adams SD, Van Buren G. Surgical Resection of Benign Hepatic Tumors: Yes or No. University of Texas Health Science Center, Dept. of General Surgery. Grand Rounds. Houston, TX. Sept 2007.

Adams SD. Vascular Trauma: Retrohepatic Liver Injury. University of Texas Health Sciences Center Houston, Department of Cardiothoracic and Vascular Surgery Grand Rounds, September 26, 2008.

Adams SD. The unique pattern of complications in elderly trauma patients at a Level I trauma center. Resident Research Competition, Houston Surgical Society, Houston, TX. April 14th, 2010.

Adams SD. Care of the Aging Trauma Patient. University of Texas Health Science Center, Dept. of General Surgery. Grand Rounds, Houston, TX. July 21, 2011

Adams SD. Geriatric patients in the ICU: Survival of the Fittest. Donald W. Reynolds Foundation Specialty Faculty Scholars Retreat. Chapel Hill, NC. Dec 8, 2012.

Adams SD. Solid Organ Transplant in the elderly: How old is too old? University of North Carolina, Dept of Transplant Surgery. UNC, Chapel Hill, NC. May 8, 2013.

Adams SD. Triage of Geriatric Trauma Patients. Donald W. Reynolds Foundation Specialty Faculty Scholars Retreat. Chapel Hill, NC. May 24, 2013.

Adams SD. Sleep (deprivation) in the ICU. UNC Div of Acute Care Surgery, Critical Care conference. Chapel Hill, NC. Jul 16, 2013.

Adams SD. The elderly trauma patient: Injuries, outcomes and treatments. University of North Carolina, Trauma Learning Series. UNC, Chapel Hill, NC. June 5, 2014.

Adams SD. Vertebral column trauma. UNC Department of Emergency Medicine trauma education lecture. June 18, 2014.

Adams SD. Surgery in the Elderly: Adjustments in evaluation and care. University of North Carolina Surgical Grand Rounds. UNC, Chapel Hill. August 6, 2014.

Adams SD. Geriatric Trauma. Orange County EMS Continuing Education Series, 4 sessions to all Orange county Paramedics. Sept 2014.

Adams SD, Ownby A. Students, Residents, and Fellows – Oh My! Tips and Tricks for Making Surgical Education Stick. University of Texas, Houston Surgical Grand Rounds. UT Houston, Houston TX, July 21, 2016.

Adams SD. Getting S.M.A.R.T about giving feedback. McGovern Medical School Surgical Grand Rounds. UT Houston, TX, Sept 29, 2016.

Regional

Adams SD, Suliburk JW, Mercer DW: Ketamine attenuates LPS-induced liver injury via a PPAR transcription pathway. ACS Committee on Trauma, Local and Regional competition, Dallas, TX, November 2005.

Adams SD, Cotton BA, McGuire MF, Dipasupil E, Podbielski J, Zaharia A, Jastrow K, Ware DN, Gill BS, Albarado R, Kozar RA, Gonzalez EA, Duke J, Adams PR, Dyer CB, Holcomb JB. The unique pattern of complications in elderly trauma patients at a Level I trauma center. ACS-COT Regional resident paper competition. Dallas, TX. November 2009.

Adams SD. Care for the Aging Trauma Patient. Invited Speaker. 23rd Annual Mayday Trauma Conference, Chapel Hill, NC. May 3, 2012.

Adams SD. Geriatric Trauma. NC Mid-Carolina RAC, Feb 19, 2014.

Adams SD, Drickamer M, & Silfen D. Geriatric Falls: Injury & Prevention. Invited Speaker. 25th Annual Mayday Trauma Conference, Chapel Hill, NC. May 1, 2014

Adams SD. The elderly trauma patient: injuries, outcomes and treatments. NC Emergency Nurses Association Education Day. Sept 8 2014.

Adams SD. The elderly trauma patient: injuries, outcomes, and treatments. Cape Fear Valley Hospital Multi-Disciplinary Trauma Committee. Sept 16, 2014.

Schnettgoecke BS, Wade CE, Holcomb JB, **Adams SD.** Frailty or Age? Mortality and disposition after elderly traumatic spinal cord injury. South and North TX ACS, Austin TX, Feb 24, 2017.

Adams SD. Empowering students to act to prevent unnecessary hemorrhagic death in the community. Academies Collaborative Joint Educational Symposium, Galveston TX, May 12, 2017.

National

Adams SD, Suliburk JW, Mercer DW: Ketamine attenuates LPS-induced liver injury via a PPAR transcription pathway. Society of University Surgeons, San Diego, CA, Feb 2006.

Kao L, **Kennison SD,** Suliburk, Mercer: Insulin potentiates LPS-induced liver injury in hypoglycemic rats. Society of University Surgeons, San Diego, CA, Feb 2006.

Adams SD, Vercruyse G: Isolated Hepatic Portal Venous Gas on CT following blunt abdominal trauma does not necessitate abdominal exploration. Southwest Surgical Congress, Kauai, HI, April 2006.

Delano BA, **Adams SD,** Mercer DW. Postoperative Effects of laparotomy on LPS Induced Gastric Injury. American College of Surgeons, Chicago, IL, Oct 2006.

Radhakrishnan RS, Ramaswamy GL, Radhakrishnan HR, **Adams SD,** Saunders B, Felix K, Moore-Olufemi SD, Moore FA, Cox Jr CS, Kone BC. Pretreatment with BMP-7 mimics protective effects of ischemic preconditioning (IPC) following intestinal ischemia/reperfusion (IR) injury in the intestine and liver. American College of Surgeons 92nd Clinical Congress, Surgical Forum, Chicago, IL. Oct 10, 2006.

Adams SD, Suliburk JW, Mercer DW. Fasting enhances liver susceptibility to injury from LPS. Clinical Nutrition Week 2007, Phoenix AZ, January 2007.

Adams SD, Cotton BA, McGuire MF, Dipasupil E, Podbielski J, Zaharia A, Jastrow K, Ware DN, Gill BS, Albarado R, Kozar RA, Gonzalez EA, Duke J, Adams PR, Dyer CB, Holcomb JB. The unique pattern of complications in elderly trauma patients at a Level I trauma center. Western Trauma Association, Telluride, CO, March 3, 2010.

Phillips MR, Machta R, **Adams SD,** McLean SE, Charles AG. Are geriatric patients at increased risk of appendiceal perforation? American College of Surgeons Clinical Congress, Surgical Forum. San Francisco, CA. October 29, 2014.

Sweeting, R. **Adams SD.** Severe constipation induced colonic perforation in pregnancy. Southeastern Surgical Congress. Chattanooga, TN. February 19-24, 2015.

Minifee CD, Wade CE, Holcomb JB, **Adams SD.** Missed opportunities for intervention in the elderly: Finding the silver lining of minor trauma from falls. Academic Surgical Congress, Jacksonville, FL. Feb 2, 2016.

Albarracin JC, Wade CE, Oyenyi B, Holcomb, JB, **Adams SD.** Time to death: A story of old? Academic Surgical Congress, Jacksonville, FL. Feb 4, 2016.

Adams SD. Geriatric Trauma Triage: Considerations for Trauma Activation. Mercer University Trauma Symposium, Mercer, GA. Nov 3, 2016

Adams, SD. Geriatric Injuries: They are NOT just older adults. Mercer University Trauma Symposium, Mercer, GA. Nov 3, 2016

Minifee CD, Drake SA, Wade CE, Holcomb JB, **Adams SD.** Missed opportunities for intervention in the elderly: Finding the silver lining of minor trauma from falls. Academic Surgical Congress, Jacksonville, FL. Feb 4, 2016.

Albarracin JC, Wade CE, Oyeniyi B, Holcomb FJ, **Adams SD.** Time to Death: A story of old? Academic Surgical Congress, Jacksonville, FL. Feb 4, 2016.

Schnettgoecke BS, Wade CE, Holcomb JB, **Adams SD.** Frailty or Age? Mortality and disposition after elderly traumatic spinal cord injury. Neurotrauma Symposium, Snowbird, UT. Jul 10, 2017.

Choi T, Schnettgoecke BS, Wade CE, Holcomb JB, **Adams SD.** “Unnecessary imaging” in the elderly is necessary. ACS Clinical Congress, San Diego, CA. Oct 22-26, 2017.

Boles BL, Dodwad SN, Prasarn ML, Savage JW, Wade CE, **Adams SD.** Timing of tracheostomy after cervical ACDF – no need to wait. Academic Surgical Congress, Jacksonville, FL. Feb 1, 2018.

Lei R, Swartz MD, Chang R, Cotton BA, Wade CE, **Adams SD.** Stop the Bleed training empowers learners to act to prevent unnecessary hemorrhagic death. Association of Surgical Education, Austin TX. April 1, 2018

E. Other

Poster presentations

Local

Radhakrishnan RS, Shah K, Xue H, **Adams SD,** Moore FA, Weisbrodt NW, Allen SJ, Gill BS, and Cox, Jr. CS. Minimally Invasive Measurement of Intestinal Edema using an Impedance Analyzer Circuit. Houston Society of Engineering in Medicine and Biology 23rd Annual Meeting, Houston, TX. Feb 10, 2006.

Regional

Choi T, Schnettgoecke BS, Wade CE, Holcomb JB, **Adams SD.** Epidemiological differences of young vs elderly after traumatic spinal cord injury. South and North TX ACS, Austin TX, Feb 24, 2017.

Adams SD. Improving feedback for medical students during their surgical clerkship. Academies Collaborative Joint Educational Symposium, Galveston TX, May 12, 2017.

National

Suliburk JW, Gonzalez EA, **Kennison SD**, Helmer KS, Mercer DW. Differential effects of anesthetics on endotoxin induced liver injury. AAST Annual meeting, Maui, HI, 2004.

Kennison S, Suliburk J, Kao L, Murray B, Mercer D: Effects of Enterococcus on Inflammatory Mediators in a Mouse Peritonitis Model. Shock Society Conference, Marco Island, FL, June 2005.

Kao L, **Kennison S**, Suliburk J, Mercer D: Insulin potentiates lipopolysaccharide (LPS)-induced hypoglycemia and inflammatory response. Shock Society Conference, Marco Island, FL, June 2005.

Adams SD, Daigle CE, Radhakrishnan, RS, Mercer DW. Effects of ketamine on Lipopolysaccharide (LPS) induced changes in gastrointestinal transit. Surgical Infection Society, La Jolla, CA, April 28, 2006.

Adams SD, Mercer DW: Effects of anesthesia on Lipopolysaccharide-induced changes in serum cytokines. Shock Society Conference, Broomfield, CO, June 2006.

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