MICHELLE K. MCNUTT, MD, FACS

- PRESENT TITLE: Associate Professor of Surgery, UT Health Chief of Trauma, UT Health Trauma Medical Director, Memorial Hermann Hospital Red Duke Trauma Institute
- ADDRESS: Department of Surgery Division of Acute Care Surgery 6431 Fannin Street, MSB 4.278 Houston, TX 77030 Office 713-500-7244 Fax 713-500-0505 Michelle.K.McNutt@uth.tmc.edu
- BIRTHDATE: June 14, 1978
- CITIZENSHIP: USA

UNDERGRADUATE EDUCATION:

1996 - 2000 Bachelor of Arts (Biology) The University of Texas at Austin Austin, TX

GRADUATE EDUCATION:

2000-2004 Doctor of Medicine University of Texas Health Science Center at San Antonio San Antonio, TX

POSTGRADUATE TRAINING:

| 2004 - 2009 | Residency, General Surgery University of Texas Health Science Center at Houston Houston, TX |
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| 2009 - 2010 | Fellowship, Surgical Critical Care University of Texas Health Science Center at Houston Houston, TX |

ACADEMIC APPOINTMENTS:

2010 – Aug 2016 Assistant Professor Department of Surgery, Division of Acute Care Surgery The University of Texas Medical School at Houston Houston, TX

Sept 2016 – Present Associate Professor Department of Surgery, Division of Acute Care Surgery The University of Texas Medical School at Houston Houston, TX

ADMINISTRATIVE AND HOSPITAL APPOINTMENTS:

| 2010 - Present | Attending Physician |
|---------------------|---|
| | Memorial Hermann Hospital – Texas Medical Center (TMC) |
| 2010 - Present | Attending Physician |
| | Lyndon B. Johnson General Hospital |
| 2012 - 2015 | Assistant Medical Director of Trauma |
| | Memorial Hermann Hospital Red Duke Trauma Institute – TMC |
| Nov 2015 – Dec 2016 | Trauma Medical Director, Interim |
| | Memorial Hermann Hospital Red Duke Trauma Institute – TMC |
| June 2016 – Present | Medical Director of the Trauma Service Line |
| | Memorial Hermann Hospital System |
| Dec 2016 – Present | Trauma Medical Director |
| | Memorial Hermann Hospital Red Duke Trauma Institute - TMC |
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LICENSURE:

2009 Texas Medical License #N3883

CERTIFICATION:

2010American Board of Surgery, Surgery2012American Board of Surgery, Surgical Critical Care

SPECIALTY CERTIFICATION:

| 2008 | Advanced Cardiac Life Support |
|------|---|
| 2012 | Instructor, ASSET (Advanced Surgical Skills for Exposure in Trauma) |
| 2012 | Instructor, Advanced Trauma Life Support (ATLS) |
| 2017 | Clinical Safety and Effectiveness |
| 2017 | National Incident Management Systems (NIMS) – ICS -100 |

- 2017 National Incident Management Systems (NIMS) ICS -700
 2017 Society of University Surgeons Leadership Agility Certification
- Society of University Surgeons Leadership Agility Certification
- 2019 Physician Leadership and Management Certification Program, Center for Executive Education, University of Houston-Clear Lake

PROFESSIONAL ORGANIZATIONS: Local

Harris County Medical Society

PROFESSIONAL ORGANIZATIONS: Regional

South Texas Chapter of American College of Surgeons Committee on Trauma Southwestern Surgical Congress South Texas Chapter of the American College of Surgeons Texas Medical Association Texas Ex Student Association, Life Member

PROFESSIONAL ORGANIZATIONS: National

American Association for the Surgery of Trauma Member, Patient Assessment Committee American College of Surgeons, Fellow Western Trauma Association The Eastern Association for the Surgery of Trauma Association of Women Surgeons

HONORS AND AWARDS:

| 1999 – 2000 | Order of Omega University of Texas at Austin |
|-------------|--|
| 2003 – 2004 | Alpha Omega Alpha University of Texas Health Science Center at San Antonio |
| 2004 | Carlos Pestana MD Medical Alumni Association Award University of Texas Health Science Center at San Antonio |
| 2004 | Virginia H Johnson MD Memorial Award University of Texas Health Science Center at San Antonio |
| 2004 | Medical Dean's Scholarship University of Texas Health Science Center at San Antonio |

| 2005 | Outstanding Teaching of Surgical Residents University of Texas Health Science Center at Houston |
|-------------|--|
| 2008 | Raleigh Ross Scholar Texas Surgical Society |
| 2009 | Surgical Jeopardy, Texas Champion American College of Surgeons |
| 2012 - 2013 | Dean's Teaching Excellence Award University of Texas Health Science Center at Houston |
| 2013 - 2014 | Dean's Teaching Excellence Award University of Texas Health Science Center at Houston |
| 2016 | Best in Acute Care Surgery Professionalism University of Texas Health Science Center at Houston |
| 2016 | Resident Advocate Award University of Texas Health Science Center at Houston |
| 2017 | James H. Red Duke Jr. Award University of Texas Health Science Center at Houston |

SERVICE ON UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON COMMITTEES:

| 2015 – 2016 | UT Health Medical School Faculty Senate, Department of Surgery Representative |
|--------------|---|
| 2013 - 2016 | UT Physicians Credentials Committee |
| April 2019 | Member, Search Committee for Chair of Vascular and Interventional Radiology |
| October 2019 | Member, Search Committee for Chief of Burn Surgery and Burn Medical Director |

SERVICE ON DEPARTMENT OF SURGERY COMMITTEES:

- 2010 2014 Educational Advisory Committee
- 2013 2018 Chair, General Surgery Residency Clinical Competency Committee
- June 2015 Present Program Evaluation Committee

Jan 2015 - Present Chair, Trauma Faculty Search Committee

Mar 2017 - Present Member, Trauma Performance Improvement Committee

SERVICE ON MEMORIAL HERMANN HOSPITAL (MHH) – TMC COMMITTEES:

- 2011 Present Chair, Transfer Committee.
- 2013 2017 Chair, Trauma Length of Stay/Throughput Committee
- Aug 2015 present Member, Medical Staff Quality Review Committee
- Nov 2015 Present Member, Operating Room Surgeon Council
- 2016 2019 Member, Medical Executive Committee (MEC)
- Feb 2018 2019 Member, Activation Advisory Team
- 2019 Member, Nominating Committee, Medical Executive Committee
- Jan 2020 Present Member, Memorial Hermann Quality Council
- Jan 2020 Present Member, Credentials Committee
- Feb 2020 Present Member, Joint Operations Council
- Mar 2020 Present Member, Pandemic Triage Committee

SERVICE ON MEMORIAL HERMANN HOSPITAL (MHH) – SYSTEM COMMITTEES:

- Nov 2015 Present Member, Steering Committee, Memorial Hermann Hospital System Trauma Service Line
- Jan 2016 -Present Co-Chair Memorial Hermann Physician Network (MHMD) Trauma Clinical Programs Committee
- June 2016 Present Member, Memorial Hermann Physician Network (MHMD), Joint Operations Committee, Deep Venous Thrombosis
- 2018 March 2019 Chair, Trauma Symposium Committee

SERVICE ON REGIONAL TRAUMA COMMITTEES

| Nov 2015 – Present | Member, South East Texas Regional Advisory Council (SETRAC), Committee on Trauma |
|----------------------|--|
| Jan 2019 – Present | Chair, South East Texas Regional Advisory Council (SETRAC), Injury Prevention Committee |
| Jan 2019 – Present | Leader, South East Texas Regional Advisory Council (SETRAC), Pre- Hospital Guidelines and Activation Criteria Clinical Workgroup |
| April 2019 – Present | Member, South East Texas Regional Advisory Council (SETRAC), Firearm Safety Workgroup |
| Nov 2019 – Present | Chair, South East Texas Regional Advisory Council (SETRAC), Trauma Committee |
| RESEARCH INTERI | ESTS: |
| 2011 – 2013 | Management of blunt mesenteric and bowel injury Departments of Trauma and Radiology, Houston Primary Investigator HSC-MS-10-0671 Publication in Journal of Trauma 2015 |
| 2014 – 2015 | Management of Blunt Cerebrovascular Injury Departments of Acute Care Surgery and Neurosurgery, Houston Primary Investigator Publication in Injury 2017 |
| Jan – June 2017 | The Cardiovascular Effects of Rapid Sequence Intubation in Hypotensive Patients: Reconsidering the A, B, Cs of Trauma Resuscitation. AAST Multi-center trial Local Primary Investigator HSC-MS-16-0780 Oral Presentation at AAST 2017 Publication in World Journal of Emergency Surgery 2018 |
| Jan 2017 to current | The impact of open carry legislation on Gun violence in Houston, TX: A multi-center retrospective study. Department of Surgery at UT Health and Baylor College of Medicine Local Primary Investigator HSC-MS-17-0203 |
| June 2017 to current | Proposal to Initiate and Maintain a Multicenter Registry for the Purpose of Determining the Comparative Effectiveness of Risk Assessment, Prophylaxis, Surveillance, and Treatment of Venous Thromboembolism in Trauma Patients. (CLOTT study). |

| | Multi-institutional study. Local Primary Investigator HSC-GEN-13-0292 Funded (\$653, 938) by National Trauma Institute, NTI-CLOTT17-16 |
|------------------|--|
| July to Oct 2017 | Symptomatic Blunt Cerebrovascular Injury: A Retrospective Multicenter Western Trauma Association Study Local Primary Investigator HSC-GEN-17-0726 Podium presentation at Western Trauma Association 2018 |
| 2017 to 2018 | Emergency Department Thoracotomy Survival: A Multicenter Retrospective Study Department of Surgery at UT Health and Baylor College of Medicine Local Primary Investigator |
| Current | PATCH study (Pre-hospital Advanced Therapies for Control of Hemorrhage – Pelvis) Department of Orthopedic Surgery Member of Data Safety Monitoring Board (DSMB) |
| Current | Stroke in Trauma Patients: A Retrospective Collaborative Study with Department of Neurology Local Primary Investigator |
| Current | Blunt Bowel and Mesenteric Injury: A Western Trauma Association Prospective Multicenter Trial Primary Investigator |
| Current | Traumatic Pancreatic Injury: A Western Trauma Association Retrospective Multicenter Study Local Primary Investigator |

PUBLICATIONS

PUBLISHED ABSTRACTS

 Kahlenberg, M., Yeh, I., Frome, A., <u>McNutt</u>, M., Miller, AR., Sharkey, FE., Cruz, AB.: Molecular Prognostic Factors Do Not Predict Response to Neoadjuvant Chemotherapy For Breast Cancer. *Annals of Surgical Oncology* (10) S59-60, January 2003. Kale AC, <u>McNutt MK</u>, Baraniuk MS, Holcomb JB: Management of blunt cerebrovascular injury with concomitant injuries that contraindicate antithrombotic therapy. November 2014, South Texas Chapter of American College of Surgeons for presentation at annual meeting.

REFEREED ARTICLES

- Learn PA, Yeh IT, <u>McNutt MK</u>, Chisholm MS, Pollock BH, Rousseau DL, Sharkey FE, Cruz AB, Kahlenberg MS. Her-2/neu expression as a predictor of response to neoadjuvant docetaxel in patients with operable breast carcinoma. *Cancer* 2005; 103(11): 2252-2260. PMID 15834928
- 2. Kozar RA, <u>McNutt MK</u>. Management of Adult Blunt Hepatic Trauma. *Current Opinion in Critical Care* 2010; 16: 596-601. PMID 20838218
- Cotton BA, Reddy N, Hatch QM, LeFebvre E, Wade CE, Kozar RA, Gill BS, Albarado R, <u>McNutt MK</u>, Holcomb JB. Damage control resuscitation is associated with a reduction in resuscitation volumes and improvement in survival in 390 damage control laparotomy patients. *Annals of Surgery*. 2011; 254(4): 598-605. PMID 21918426
- Holcomb JB, Minei KM, Scerbo ML, Radwan ZA, Wade CE, Kozar RA, Gill BS, Albarado R, <u>McNutt MK</u>, Khan S, Adams PR, McCarthy JJ, Cotton BA. Admission Rapid Thromboelastography Can Replace Conventional Coagulation Tests in Emergency Department. *Annals of Surgery* 2012; 256(3): 476-486. PMID 22868371
- Brenner ML, Moore LJ, DuBose JJ, Tyson GH, <u>McNutt MK</u>, Albarado RP, Holcomb JB, Scalea TM, Rasmussen TE. A clinical series of resuscitative endovascular balloon occlusion of the aorta for hemorrhage control and resuscitation. *J Trauma Acute Care Surg* 2013; 75(3): 506-511. PMID 24089121
- McNutt MK, Chinapuvvula NR, Beckmann NM, Camp EA, Pommerening MJ, Laney RW, West OC, Gill BS, Kozar RA, Cotton BA, Wade CE, Adams PR, Holcomb JB. Early Surgical Intervention for Blunt Bowel Injury: The Bowel Injury Prediction Score (BIPS). *J Trauma Acute Care Surg* 2015; 78(1): 105-111. PMID 25539210
- Shrestha B, Holcomb JB, Camp EA, Del Junco DJ, Cotton BA, Albarado R, Gill BS, Kozar RA, Kao LS, <u>McNutt MK</u>, Moore LJ, Love JD, Tyson GH, Adams PR, Khan S, Wade CE. Damage-control resuscitation increases successful nonoperative management rates and survival after severe blunt liver injury. *J Trauma Acute Care Surg* 2015; 78(2): 336-341. PMID 22757120

- Harvin JA, Wray CJ, Steward J, Lawless RA, <u>McNutt MK</u>, Love JD, Moore LJ, Wade CE, Cotton BA, Holcomb JB. "Control the Damage: Morbidity and Mortality After Emergent Trauma Laparotomy". *Am J Surg.* 2016 Jul:212(1):34-39. PMID 26754456
- Harvin JA, Kao LS, Liang MK, Adams SD, <u>McNutt MK</u>, 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. PMID 28445796
- <u>McNutt MK</u>, Kale AC, Turkmani AH, Fields DW, Baraniuk MS, Cotton BA, Moore LJ, Wade CE, Day A, Holcomb JB. Management of Blunt Cerebrovascular Injury (BCVI) in the Multisystem Injury Patient with Contraindications to Immediate Anti-thrombotic Therapy. *Injury*. 2018 Jan; 49(1): 67-74. PMID 28789779
- George MJ, Adams SD, <u>McNutt MK</u>, 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 2018 Jul; 216(1): 56-59. PMID: 29157889.
- 12. Ferrada P, Callcut RA, Skarupa DJ, Duane TM, Garcia A, Inaba K, Khor D, Anto V, Sperry J, Turay D, Nygaard RM, Schreiber MA, Enniss T, <u>McNutt MK</u>, Phelan H, Smith K, Moore FO, Tabas I, Dubose J. Circulation first the time has come to question the sequencing of care in the ABCs of trauma: An American Association for the Surgery of Trauma Multicenter Trial. *World Journal of Emergency Surgery*. 2018 Feb; 13:8. PMID 29441123
- Burlew CC, Sumislawski JJ, Behnfield CD, <u>McNutt MK</u>, McCarthy J, et al. Time to Stroke: A Western Trauma Association Multi-center Study of Blunt Cererbrovascular Injuries. *J Trauma Acute Care Surg*. 2018 May 25. PMID 29847537
- 14. Regner J, Morse B, Coimbra R, Cribari C, Dirks R, Jawa R, Brooks S, Tyroch A, Truit M, Davis J, Dorlac W, Scherer L, Jenkins D, Shaver C, Vosswinkel J, Pieracci F, Burlew C, Dissanaike, S, Dunn J, Brown C, Frazee R, Kao L, Schroeppel T, Foreman M, Rapier N, AgrawalV, Kobayashi L, <u>McNutt M.</u> Determining the Impact of Culture on Venous Thromboembolism Prevention in Trauma Patients: A Southwestern Surgical Congress Multicenter Trial. *Am J Surg* 2019 Jun; 217(6): 1030-1036. PMID: 30503515.
- 15. Wei S, Green C, Truong VTT, Howell J. Ugarte SM, Albarado R, Taub EA, Meyer DE, Adams SD, <u>McNutt MK</u>, Moore LJ, Cotton BA, Kao LS, Wade CE, Holcomb JB, Harvin JA. Implementation of a Multi-Modal Pain Regimen to Decrease Inpatient Opioid Exposure After Injury. Am J Surg 2019 Dec; 218(6): 1122-1127. PMID: 31587807.

- 16. Hatton GE, <u>McNutt MK</u>, Cotton BA, Hudson JA, Wade CE, Kao LS. Age-Dependent Association of Occult Hypoperfusion and Outcomes in Trauma. *J Am Coll Surg* 2020 Apr; 230(4): 417-425. PMID: 31954820.
- Kim C; Niekamp A; Pillai AS; Leon R; Soni J; McNutt M; Zhang X; Ghobryal B; Kalva S; Pillai AK. Quality Improvement Project: improving Interventional Radiology Response Times for Level1 Trauma Embolization. *J Am Coll Radiol* 17(6) 791-795 (2020).
- McNutt MK, Slovacek C, Rosenbaum D, Zhang X, Indupuru HK, Cotton BA, Harvin JA, Wade CE, Savitz SI, Kao LS. Different Strokes: Differences in the Characteristics and Outcomes of BCVI and non-BCVI Strokes in Trauma Patients. *Trauma Surgery & Acute Care Open*, September 2020; 5(1). <u>https://tsaco.bmj.com/content/5/1/e000457</u>.

EDITORIAL POSITIONS

Journal of Pediatric Surgery: ad hoc reviewer Annals of Surgery: ad hoc reviewer

CHAPTERS

- 1. Kozar RA, <u>McNutt MK</u>. Disorders of Calcium and Magnesium Metabolism. In *Textbook of Critical Care*. 6th edition, Elsevier Saunders, 2011: 865-875
- <u>McNutt MK</u>, Kao LS. Necrotizing Soft Tissue Infections. In *Clinical Scenarios in Surgery: Decision Making and Operative Technique*. Lippincott, Williams, Wilkens 2012: 514-517.
- 3. Bellister SA, <u>McNutt MK</u>. Acute Respiratory Distress Syndrome. In *Common Problems in Acute Care Surgery*. Second Edition, Springer, 2016: 113-118.
- 4. Kozar RA, <u>McNutt MK</u>. Disorders of Calcium and Magnesium Metabolism. In *Textbook of Critical* Care. 7th edition, Elsevier Saunders, 2016: 751-760.

INTERNATIONAL PRESENTATIONS

- 1. Improving Interventional Radiology (IR) response times for emergent trauma case to less than 30 minutes at a major level 1 trauma center in the United States. Niekamp A, McNutt MK, Pillai A, Zvavaanjanja R. Presented at Cardiovascular and Interventional Readiological Society of Europe, Lisbon, Portugal, 2018.
- 2. Initial Management of Traumatic Brain Injury. Presented at American Austrian Foundation Open Medical Institute, Salzburg, Austria, 2019.

- 3. Management of Colon Injury. Presented at American Austrian Foundation Open Medical Institute, Salzburg, Austria, 2019.
- 4. Basic Ventilator Management. Presented at American Austrian Foundation Open Medical Institute, Salzburg, Austria, 2019.
- 5. Initial Management of Burn Injury. Presented at American Austrian Foundation Open Medical Institute, Salzburg, Austria, 2019.

NATIONAL PRESENTATIONS

- 1. Crotalidae Bite to the Face: Why you don't let the snake kiss first. McNutt MK, Cocanour C. Presented at Western Trauma Association, Big Sky, MT, 2006.
- Decreasing Emergency Department Length of Stay of Level 2 trauma patients by streamlining consults. Prater SJ, McNutt MK, Garrett A, Lopez S. Poster presented at TQIP (Trauma Quality Improvement Program) Annual Meeting, Chicago, IL, November 2014
- Management of blunt cerebrovascular injury with concomitant injuries that contraindicate antithrombotic therapy. Kale AC, McNutt MK, Baraniuk MS, Holcomb JB. Presented at South Texas Chapter, American College of Surgeons Annual Meeting, Houston, February 2015
- 4. Decreasing Emergency Department Length of Stay of Level 2 trauma patients by streamlining consults. Prater SJ, McNutt MK, Garrett A, Lopez S. Presented at Society for Academic Emergency Medicine Annual Meeting, San Diego, CA, May 2015.
- Blunt Cerebrovascular Injury: A Retrospective Review and Novel Classification System. Turkmani A, Fields D, Kitagawa R, Shepard S, McNutt M, Holcomb J, Day A. Presented at American Association of Neurological Surgeons Annual Meeting, Washington, DC, May 2015.
- Run Don't Walk: Implementation of a STAT Interventional Radiology Response to Bleeding Patients. McNutt MK, Pillai AK, Garrett AL, Cotton BA, Harvin JA, Moore LJ, Wade CE, Zaza M, Kao LS. Poster presentation at American Association for the Surgery of Trauma, San Diego, CA, September 2018.
- Run Don't Walk: Implementation of a STAT Interventional Radiology Response to Bleeding Patients. McNutt MK, Pillai AK, Garrett AL, Cotton BA, Harvin JA, Moore LJ, Wade CE, Zaza M, Kao LS. Podium presentation at Trauma Quality Improvement Program, Anaheim, CA, November 2018.
- 8. The Increasing Incidence of Stroke in Trauma Patients: Is it BCVI or Age Related? Slovacek C, McNutt MK, Indupuru H, Fox E, Savitz S. QuickShot

Podium Presentation at Academic Surgical Congress, Houston, TX, February 2019

- Are We Out of The Woods Yet? The Aftermath of Resuscitative Thoracotomy. Fitch JL, Dieffenbaugher S, McNutt MK, Miller CC, Wainwright DJ, Villareal J, Zhang Q, Hall G, Gordy S, Ward J, Wilson CT, Suliburk J, Davis MA, Todd SR. QuickShot Podium Presentation at Academic Surgical Congress, Houston, TX, February 2019.
- Different Strokes: BCVI vs non-BCVI related strokes in trauma patients. MK McNutt, C Slovacek, D Rosenbaum, X Zhang, H Indupuru, BA Cotton, JA Harvin, CE Wade, SI Savitz, LS Kao. Poster Presentation at American Association for the Surgery of Trauma, Dallas, TX, September 2019.
- Multicenter Validation of the Bowel Injury Prediction Score (BIPS) for Identifying Patients Requiring Surgery. Accepted as Quick Shot presentation at American Association for the Surgery of Trauma, Waikoloa, Hawaii, September 2020.

LOCAL PRESENTATIONS

- 1. Abdominal Vascular Trauma. Department of Cardiovascular and Trauma Surgery Grand Rounds, 2007.
- 2. Peripheral Vascular Trauma. Department of Surgery Educational Conference, 2007.
- 3. Mechanical bowl preparation in elective colon resection. Department of Surgery Grand Rounds, 2007.
- 4. Peptic Ulcer Disease. Department of Surgery Educational Conference, 2009.
- 5. Guidelines for Management and Follow-up of Blunt Cerebrovascular Injuries. Department of Surgery Trauma Service Guidelines, 2009.
- 6. Orthopedic Rib Fixation for Flail Chest. Department of Cardiovascular and Trauma Surgery Grand Rounds, 2009.
- 7. Hypoxia and Acute Respiratory Failure. Department of Surgery Intern Boot Camp, 2012-Present, annual.
- 8. Trauma: Management of Specific Injuries. Department of Surgery Medical Student Orientation, 2013-Present, bi-monthly.

- 9. Management of Traumatic Brain Injury. Department of Surgery Critical Care Fellowship Lecture Series, 2013-Present, annual.
- Trauma Throughput Team. Performance Improvement poster presentation at Clinical Safety and Effectiveness Program Graduation and Quality Symposium, 2014.
- 11. SCORE (Surgical Council on Resident Education) Curriculum Lecture, Small Intestinal Obstruction. Department of Surgery Residency Program, 2014.
- 12. SCORE (Surgical Council on Resident Education) Curriculum Lecture, Esophagus. Department of Surgery Residency Program, 2014.
- 13. Venous Thromboembolism Prevention in Trauma Patients. Memorial Hermann Hospital Hospitalist Educational Series, October 2016.
- 14. Venous Thromboembolism Prevention in Trauma Patients. Memorial Hermann Hospital Hospitalist Educational Series, April 2017.
- 15. Second Annual EMS Orthopedic Trauma Symposium. Memorial Hermann Hospital Red Duke Trauma Institute, July 2017.
- 16. Trauma System Update. Memorial Hermann Hospital Foundation Board, September 2017.
- 17. Trauma System Update. Memorial Hermann Hospital Board of Directors, September 2017.
- 18. IR STAT Trauma: Are we delivering two standards of care? Surgical Disruptive Technology Summit, March 2018.
- 19. Trauma Philanthropy. United Way of Greater Houston Women's Initiative, March 2018.
- 20. SCORE (Surgical Council on Resident Education) Curriculum Lecture, Thoracic Trauma. Department of Surgery Residency Program, March 2018.
- 21. Trauma Philanthropy. Life Flight on the Move, Sheridan and John Eddie Williams residence, April 2018.
- 22. Prehospital Hemorrhage Control and REBOA. Clute EMS, June 2018.
- 23. American College of Surgeons Committee on Trauma Review. ACS Fellow lecture series, June 2018.
- 24. Live Your Dreams Team Driver Safety Program. HFD Press event, June 2018.

- 25. Third Annual EMS Orthopedic Trauma Symposium. Memorial Hermann Hospital Red Duke Trauma Institute, July 2018.
- 26. Helipad to OR process and patient updates. Baytown EMS, August 2018.
- 27. Prehospital Hemorrhage Control and Trauma Systems. North Harris County EMS, October 2018.
- 28. Trauma Transformation. Memorial Hermann Foundation CEO Circle Dinner, January 2019.
- 29. Prehospital Hemorrhage Control and REBOA. Red Duke Trauma Symposium. Houston, TX, March 2019.
- 30. Venous Thromboembolism Prevention in Trauma. Trauma Institute of San Antonio Critical Care Webcast Series. April 2019.
- 31. How to Save a Life. Orthopedic Trauma Symposium. Houston, TX, July 2019.
- 32. Emergency Department Thoracotomy. Memorial Hermann Hospital Greater Heights Multi-disciplinary Committee Meeting. Houston, TX, September 2019.
- 33. Geriatric Trauma Care. Memorial Hermann Hospital System Hospitalist Symposium. Houston, TX, October 2019.
- 34. Trauma Service Update. Memorial Hermann Quality Council. Houston, TX, October 2019.

MEDIA AND PUBLIC RELATIONS EVENTS

Action Ready. Memorial Hermann Circle of Life Gala. April 2018. https://www.memorialhermann.org/give-volunteer/foundation/action-ready/

Mayor Sylvester Turner press conference in response to HPD officer shootings, January 30, 2019. Local and National News Stations.

McNutt's Miracle. Memorial Hermann Foundation CEO Circle Dinner, January 2019. (https://vimeo.com/311298833/5d4af1aa69)

A Trauma Surgeon's Plea to Houston Drivers, Houston Chronicle, January 2019

Distracted Driving, Memorial Hermann Blog, January 2019. <u>http://blog.memorialhermann.org/a-trauma-surgeons-plea-to-houston-</u> <u>drivers/?utm_source=FACEBOOK&utm_content=2087462367&SL=Trauma</u>

Getting There. Alcalde, March 2019. <u>https://alcalde.texasexes.org/2019/03/getting-there-how-this-ut-alumna-became-chief-of-houstons-busiest-emergency-room/</u>

Dangers of Distracted Driving. Houston Chronicle Community Series. April 2019.

Above and Beyond. Memorial Hermann Circle of Life Gala. May 2019. https://www.memorialhermann.org/give-volunteer/foundation/circle-of-life-gala/

Click it or Ticket Day and Night. Texas Department of Transportation. May 22, 2019. https://www.mrt.com/191news/article/TxDOT-unveils-display-in-memory-of-Texas-teen-s-13841664.php#photo-17429026

Distracted Driving and Safe 2 Save. Houston Press Conference. July 2, 2019.

Effect of COVID-19 Pandemic on Trauma Volume. Kaiser Health News. May 14, 2020. https://khn.org/news/despite-pandemic-trauma-centers-see-no-end-to-the-visible-virus-of-violence/

POSTER PRESENTATIONS

Moore L, Del Junco D, Shah M, Albarado R, Cotton B, Gill B, Kozar R, Love JD, <u>McNutt M</u>, Tyson G, Holcomb J. "The Epidemiology of Sepsis in Critically Injured Trauma Patients." Poster presented at the Annual Meeting of the Surgical Infection Society. Las Vegas, NV. April 12-15, 2013.

Holcomb JB, Shrestha B, Camp E, Del Junco DJ, Albarado R, Cotton BA, Gill BS, Kozar RA, Love JD, <u>McNutt MK</u>, Tyson GH, Wade CE. "Low Volume Balanced Resuscitation Increases Successful Non-operative Management Rates and Survival after Severe Liver Injury." Poster presented at the American Association for the Surgery of Trauma Meeting, San Francisco, CA. September 18-21, 2013.

Srinvasa D, Srinivasa R, <u>McNutt M</u>, Love J. "A Retrospective Review of Delayed Failure in Non-Operative Management of Splenic Trauma." Presented at South Texas Chapter of the American College of Surgeons, Austin, TX, February 20-22, 2014.

Moore L, Kozar R, Love J, <u>McNutt M</u>, Cotton B, Albarado R, Holcomb J, "Simple, Reliable Sepsis Screening Tool Improves Mortality in Trauma Patients." Podium presentation at the 44th Critical Care Congress, Phoenix, AZ, January 17-21, 2015

Ferrada P, Callcut R, Skarupa D, Duane T, Garcia A, Khor D, Sperry J, Turay D, Nygaard RM, Schreiber MA, Enniss T, <u>McNutt MK</u>, Phelan H, Moore FO, Dubose J. "The A, B, Cs of Trauma Do We Have the Orders of the Factors Backwards? Circulation First: An American Association for the Surgery of Trauma Multicenter Trial." Poster presentation at the 76th Annual Meeting of the AAST, Baltimore, MD, September 13, 2017.

<u>McNutt MK</u>, Pillai AK, Garrett AL, Cotton BA, Harvin JA, Moore LJ, Wade CE, Zaza M, Kao LS. "Run Don't Walk: Implementation of a STAT Interventional Radiology Response to Bleeding Patients." Accepted poster presentation at the 77th Annual Meeting of the AAST, San Diego, CA, September 2018.

Online Publications

Texas Trauma Institute Trauma Service Guidelines

Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) Guidelines, August 2013
Hospitalist Transfer Guidelines, August 2013
Orthopedic Trauma Consult Guidelines, October 2013
Care of the Pregnant Trauma Patient, March 2014
Triage for Management of Patients with Blunt Head Trauma on ACAP (anticoagulant and anti-platelet) agents, May 2014
Guideline for diagnosis and management of blunt carotid and vertebral artery injuries (BCVI), May 2014
Cervical Spine Clearance in Obtunded Patients, May 2014
Use of Tranexamic Acid in Seriously Injured Trauma Patients, September 2014
Care of the Pregnant Trauma Patient, July 2015
Management of the Mangled Extremity, January 2016
Fasciotomy in the Poly-Trauma Patient, January 2016
Cardiopulmonary Bypass in the Trauma OR, February 2016