

**CURRICULUM VITAE**

**Name**

**Current Title:** Professor

**Business Address:** 1542 Tulane Ave, 7th floor, Dept. of Surgery

**Business Telephone and Fax:** 504-568-4752

**Business email Address:** hphel1@lsuhsc.edu

**Education:**

 **Undergraduate:**

Spring Hill College (Mobile, AL: 8/1986 - 5/1990)

 **Graduate/Medical:**

UT-Houston Health Sciences Center (Houston, TX: 8/1993-6/1997)

 **General Surgery Internship:**

LSUHSC-New Orleans (New Orleans, LA: 7/1997-6/1998)

 **General Surgery Residency:**

LSUHSC-New Orleans (New Orleans, LA: 7/1998- 6/2003)

 **Administrative Chief Resident:**

 LSUHSC-New Orleans (New Orleans, LA: 7/2002- 6/2003)

 **Post-Doctoral Fellowship:**

LSUHSC-New Orleans Dept. of Physiology (7/2000-6/2001)

 **Clinical Fellowships:**

Surgical Critical Care- UT Southwestern (Dallas, TX: 07/2003-06/2004)

 **Masters Degree:**

Dept. of Clinical Sciences- UT Southwestern (Dallas, TX: 07/2009-06/2012)

**Certification:**

American Board of Surgery, #48883, issued 2/10/2004, renewed 12/2/2013

Surgical Critical Care, no. 2147, issued 10/18/2004, renewed 9/25/2014

Advanced Cardiac Life Support (ACLS)- current

Advanced Burn Life Support (ACLS)- current

Advanced Trauma Life Support (ATLS) – current

Advanced Trauma Life Support (ATLS) Instructor – current

Advanced Trauma Operative Management (ATOM) - current

Advanced Trauma Operative Management (ATOM) Instructor – current

Erbium and CO2 laser training - current

**Licensure:**

Licensed by Texas State Board of Medical Examiners, active

Licensed by Louisiana State Board of Medical Examiners, active

Licensed by Alabama State Board of Medical Examiners, inactive

**Academic, Professional, and Research Appointments:**

Assistant Professor 11/2004 to 10/2007

Department of Surgery

Division of Trauma/Critical Care

University of South Alabama Medical Center

Mobile, AL

Assistant Professor 11/2007 to 8/2011

Department of Surgery

Division of Burns/Trauma/Critical Care

UT-Southwestern Medical Center/Parkland Memorial Hospital

Dallas, TX

Associate Professor 9/2011 to 8/2018

Department of Surgery

Division of Burns/Trauma/Critical Care

UT-Southwestern Medical Center/Parkland Memorial Hospital

Dallas, TX

Professor 9/2018 to 7/2019

Division of Burns/Trauma/Critical Care

UT-Southwestern Medical Center/Parkland Memorial Hospital

Dallas, TX

**Membership in Professional Organizations:**

Rives Society 2003 - date

Parkland Surgical Society 2004 - date

Eastern Association for the Surgery of Trauma 2005 - date

Association for Academic Surgery 2005 - date

Mobile Medical Society 2005 - 2007

American College of Surgeons 2006 - date

North Texas Chapter of the American College of Surgeons 2007 - date

American Association for the Surgery of Trauma 2008 - date

International Association for Trauma Surgery & ICU 2011 - 2014

International Society of Surgery 2011 - 2014

Western Surgical Association 2011 - 2014

ACS Surgical Biology Club #3 2012 - date

American Burn Association 2014 - date

American Geriatrics Society 2015 - date

American Academy of Hospice and Palliative Medicine 2015 - date

**Awards and Honors:**

1986

* Jesuit Honors Scholarship, Spring Hill College (full tuition merit scholarship)

1988

* Selected to Sigma Tau Delta, English Honors Society

1996

* Selected AOA (4th year student)

2001

* 1st place, LSU-New Orleans Residency Research Day Competition, “Impact of alcohol on hemodynamic, metabolic, and cytokine responses to hemorrhagic shock.”

2002

* Selected Administrative Chief Resident
* Outstanding Resident Award, American College of Surgeons- Louisiana Chapter
* SAGES Advanced Laparoscopic Skills Award

2011

* ATACCC poster award winner, “Incidence and timing of radiographic progression of TBI patterns in the Parkland Protocol: A prospective study”, Ft. Lauderdale, FL

2013

* Best Trauma Paper, “Determinants and timing of radiographic stabilization of TBI after neurosurgical procedures,” annual meeting of the North Texas American College of Surgeons

2015

* Best Trauma Paper, “Estimating geriatric mortality after injury using age, Injury Severity Score, and Performance of a transfusion: A tool for defining futility of care in the geriatric trauma patient.” Annual meeting of the North Texas American College of Surgeons
* Selection as lead paper for the AAST 2015 annual meeting (of 504 submitted abstracts): “Multicenter external validation of the Geriatric Trauma Outcomes score: The Prognostic Assessment of Life and LImitations After Trauma in the Elderly [PALLiATE] study

2016

* Best Trauma Paper, "Creation of a decision aid for goal setting after geriatric burns: A study from the Prognostic Assessment of Life and Limitations After Trauma in the Elderly [PALLiATE] consortium." annual meeting of the North Texas American College of Surgeons
* Best Surgical Paper, “Multicenter Validation of a Prognosis Calculator Predicting Discharge Disposition After Geriatric Trauma: A PALLiATE Consortium Study”, annual meeting of the American Geriatric Society

2017

* Selected for top six burn publications of 2016 in *Journal of Trauma and Acute Care Surgery*, "Creation of a decision aid for goal setting after geriatric burns: A study from the Prognostic Assessment of Life and Limitations After Trauma in the Elderly [PALLiATE] consortium." annual meeting of the American Burn Association

**TEACHING EXPERIENCE AND RESPONSIBILITIES**

Fluids and electrolytes, core 3rd year surgical block- 1 hour, 1 time/block (6 times/year)

3rd year surgery student tutorials- 1 hour, 5 times/year

Surgical student didactic lecture- 1 hour, 2 times/block (12 times/year)

Advanced Trauma Life Support (ATLS) Instructor- 2 days, 3 times/year

Advanced Trauma Operative Management (ATOM) Instructor- 1 day, 1 time/year

Division of Burns/Trauma/Critical Care Research Conference- 1 hr, every week ongoing

UT Southwestern Colleges Mentoring Program- 3 hrs/week, year-round

**Teaching Awards:**

2005

* USA Red Sash Award-Excellence in Medical Student Education

2006

* Charter clinical faculty member selected for Gold Humanism Honor Society

 induction, USA College of Medicine Chapter

* USA Red Sash Award-Excellence in Medical Student Education

2007

* Best Overall Clinical Instructor across all services, USA Medical School class of ‘07
* Faculty Teaching Award, USA Dept. of Surgery
* Best Clinical Preceptor across all services, USA Physician Assistant Studies Class of ‘07
* USA Red Sash Award-Excellence in Medical Student Education

2010

* Faculty Resident Teaching Award, UT-Southwestern Department of Surgery

2012

* Excellence in Education Award, best surgical clerkship teacher, UTSW Medical School

2014

* Faculty Student Teaching award, UT-Southwestern Dept. Of Surgery

**Undergraduate, Medical, or Graduate Student Primary Research Mentees:**

John Kubasiak MD - UT Southwestern Medical Center 2018 - date

Tom Shoultz MD - UT Southwestern Medical Center 2017 - date

Amy Van Cleave, RN– Parkland Memorial Hospital 2018 - 2019

Jennifer Rosenthal, RN – Parkland Memorial Hospital 2018

Sam Ross-- UT Southwestern Medical Center 2018 - date

Holly Cunningham -- UT Southwestern Medical Center 2017 – date

Luis Taveras - UT Southwestern Medical Center 2017 – date

Freda Ready- UT Southwestern Medical Center 2017

Aditi Rangray- Liberty High School, Frisco TX 2017

Evan Barrios, BS - UT Southwestern Medical Center 2017

Jeff Perumean, MD - UT Southwestern Medical Center 2016 - 2017

Kira Smith, MD - UT Southwestern Medical Center 2016 - 2017

Tarik Madni, MD - UT Southwestern Medical Center 2016 - 2018

Jonathan Imran, MD - UT Southwestern Medical Center 2016 - 2018

Natalia Partain, MD - UT Southwestern Medical Center 2016 - 2016

Kristin Arnold, MD – UT Southwestern Medical Center 2014 - 2016

Allyson Cook, MD- UT Southwestern Medical Center 2014 - 2017

Laindy Liu, BS- UT Southwestern Medical Center 2014 - 2016

Eileen Bernal, MD- UT Southwestern Medical Center 2014 - 2016

Erica Hodgeman, MD- UT Southwestern Medical Center 2014 - 2016

Melody Saeman, MD- UT Southwestern Medical Center 2014 - 2016

Andrew Riggle, MD- UT Southwestern Medical Center 2013 - 2015

Zheng “Frank” Zhao- UT Southwestern Medical Center 2013 - 2015

Julie Walcutt, MD- UT Southwestern Medical Center 2013

David Duvall, MD- UT Southwestern Medical Center 2012 - 2013

Adam Richter, MD- UT Southwestern Medical Center 2013

Rachel Pastorek, MD- UT Southwestern Medical Center 2013 - 2015

Kareem Abdel-Fattah, MD- UT Southwestern Medical Center 2010 - 2014

Jennifer Lang, MD- UT Southwestern Medical Center 2009 - 2012

Evan Beale, MD- UT Southwestern Medical Center 2011

Kim Aldy, MS- UT Southwestern Medical Center 2010 - 2011

David Graham, MD- UT Southwestern Medical Center 2009 - 2011

Scott Brakenridge, MD- UT Southwestern Medical Center 2008 - 2011

Geoffrey Funk, MD- UT Southwestern Medical Center 2009 - 2010

Lisa Hewitt, RN- Parkland Memorial Hospital 2009 - 2010

Elizabeth Carroll, BS- UT Southwestern Medical Center 2009 - 2010

Pramil Bhavsar, BS- UT Southwestern Medical Center 2009

Yixiao Chen, BS- UT Southwestern Medical center 2009

William “Chip” Scott, MD- University of South Alabama 2007

Sharla Gayle Wartes, MD- University of South Alabama 2007

**RESEARCH AND SCHOLARSHIP**

**Ongoing Grants and Research Support**

03/01/2017-06/30/2022 Kaneki (PI) ABA/DoD Contract# W81XWH-18-2-0030

**Efficacy of Coenzyme Q10 Supplementation on Multi-Organ Dysfunction in Severely Burned Patients**

This multicenter RCT will assess the impact of CoQ10 supplementation on MODS after severe burn injury

Effort: $1900/patient

Role: Co-investigator

09/30/2016-09/29/2020 Greenhalgh (PI)       ABA/DoD Contract#: W81XWH-16-2-0048

**The Acute Burn ResUscitation Multicenter Prospective Observational Trial (ABRUPT)**

The study objective is to collect information on fluid resuscitation practices in the 1st 48 hours after burn injuries specifically to albumin and crystalloid.

Effort/Institutional Award: **$1,520 per patient**

Role: Co-Investigator

**Completed Research Support**

04/01/2017-03/31/2019 Schwarze (PI) NIH 1R21AG055876

**A communication tool to assist severely injured older adults**

The objective of this project is to develop and evaluate an innovate decision aid for seriously ill older patients and/or their proxy decision makers

Institutional Award: **$94,000** Effort: 5%

Role: Co-Investigator

11/08/2017-09/29/2019 Salinas (PI) ABA/DoD Contract #W81XWH-16-2-0055

**Evaluation of the Effectiveness of the Burn Navigator in Improving Resuscitation Outcomes**

**Reimbursement**

The study objective is to evaluate the performance of software-driven algorithmic resuscitation after severe burn injury

Effort/Institutional Award: **Retrospective $2,700, Prospective $5,500**

Role: Co-Investigator

03/23/2016 - 03/31/2019 Heyland (PI) Can Inst of Health Res #RE-ENERGIZE

**RE-ENERGIZE Study: RandomizEd ENtERal Glutamine to minimize thermal injury**

The study objective is to evaluate outcomes with glutamine supplementation after severe burn injury

Effort/Institutional Award: **$3,200 per patient**

Role: Co-Investigator

09/30/2013-09/29/2018                 Herndon (PI)    ABA/DoD Contract #W81XWH-11-1-0835

**Protective Effects of Propranolol in Adults Following Major Burn Injury: A Safety and Efficacy Trial**

The study objective is to evaluate the effect of propranolol in modulating the metabolic response after burn injury

Effort/Institutional Award: **$4,250 per patient**

Role: Co-Investigator

12/1/2011-11/30/2017    Sperry (PI)     DoD Contract#:W81XWH-11-PUPTH-IAA

**Prehospital Air Medical Plasma (PAMPer Trial)**

This study will determine the effect of prehospital plasma infusion during air medical transport in patients with hemorrhagic shock on 24 hours post-injury blood transfusion requirements and clinical outcomes compared to standard air medical care.

Institutional Award: **$785,920** (Y1 Directs = $168,051, Y2-4 directs = $507,590)

Effort: 10%

Role: Co-Investigator

07/01/2010 – 06/30/2012

**NIH Loan Repayment Program for Clinical Research**

The purpose of the Clinical Research LRP is to recruit and retain highly qualified health professionals as clinical investigators.

Total Award: $45,431 (over 2 years)

Role: Awardee

06/01/2011 – 05/31/2012 Toto (PI) NIH/NCRR 5KL2RR024983-05A1

**NIH Clinical Scholar (North Central Texas Clinical Translational Science Initiative)**

This project is designed to support and train early-career clinical investigators and culminates with a Masters Degree in Clinical Sciences.

Award: **$47,200** Effort: 50%

Role: Clinical Research Scholar

06/01/2010 – 05/31/2011 Toto (PI) NIH/NCRR 5KL2RR024983-04A1

**NIH Clinical Scholar (North Central Texas Clinical Translational Science Initiative)**

This project is designed to support and train early-career clinical investigators and culminates with a Masters Degree in Clinical Sciences.

Award: **$54,586** Effort: 50%

Role: Clinical Research Scholar

06/01/2009 – 03/15/2011 Rahbar (PI) DoD Contract #W81XWH-08-0013

**Prospective Observational Multicenter Massive Transfusion Study (PROMMT)**

This study is designed to assess the impact of different RBC:plasma transfusion ratios on outcome in severely injured trauma patients.

Institutional Award: **$395,504** Effort: 10%

Role: Co-investigator

11/1/2009 – 05/31/2011 Phelan (PI) NCTCTSI Pilot Award Program

 **Delayed vs Early Enoxaparin Prophylaxis (DEEP) after TBI: a double-blinded, randomized controlled pilot study**

This pilot trial demonstrated feasibility and safety of anticoagulation in this TBI subpopulation. It was underwritten by grant NIH/NCRR 5KL2RR024983-03A1 (Packer, PI) which provided funds for intramural dispersion by the NCTCTSI for promising early stage investigators

Award: **$70,736** Effort: 50%

Role: PI

11/12/2007 – 12/31/2008 Phelan (PI) Boston Scientific, R&E 62607#14

**Follow-up of Prophylactic IVC Filters**

This project was designed to provide long term follow up on trauma patients who had a prophylactic vena cava filter placed after their injury.

Award: **$10,000** Effort: 25%

Role: PI

**Peer-reviewed Journal Publications:**

1. **Phelan HA**, Hunt JP, Wang YZ. Retrohepatic vena cava and juxtahepatic venous injuries. *Southern Medical Journal* 94(7):728-31, 2001.

2. **Phelan HA**, Stahls PF, Hunt JP, Bagby GJ, Molina PE. Impact of alcohol on hemodynamic, metabolic, and cytokine responses to hemorrhagic shock. *Journal of Trauma* 52(4): 675-82, 2002.

3. Zambell KL, **Phelan HA**, Vande Stowe C, Zhang P, Shellito JE, Molina PE. Acute alcohol intoxication during hemorrhagic shock: Impact on host defense from infection. *Alcoholism: Clinical and Experimental Research* 28(4): 635-42, 2004.

4. Molina PE, Zambell KL, Noremberg K, Eason J, **Phelan HA**, Zhang P, Vande Stowe C. Consequences of alcohol-induced early dysregulation of responses to trauma/hemorrhage. *Alcohol* 33(3):217-27, 2004.

5. **Phelan HA**, Minei JP. Pancreatic trauma: Diagnostic and therapeutic strategies. *Current Treatment Options in* *Gastroenterology* 8(5):355-63, 2005.

6. Gonzalez RP, **Phelan HA**, Hassan M, Ellis CN, Rodning CB. Is Fecal Diversion Necessary for Non-Destructive, Extraperitoneal Penetrating Rectal Injuries? *Journal of Trauma* 61(4):815-9, 2006.

7. **Phelan HA**, Patterson SG, Hassan M, Gonzalez RP, Rodning CB. Thoracic Damage Control Surgery: Principles and Techniques. *Journal of the American* *College of Surgeons* 203(6):933-41, 2006*.*

8. **Phelan HA**, Sperry J, Friese R. Leukoreduction of packed red cells prior to transfusion does not affect survival in transfused trauma patients. *Journal of* *Surgical Research* 138(1):32-6, 2007.

9. **Phelan HA**, Shafi S, Parks J, Maxson RT, Ahmad N, Murphy JT, Minei JP. Use of a pediatric cohort to examine gender differences in outcome after trauma. *Journal of Trauma* 63(5):1127-31, 2007.

10. Gonzalez RP, Cummings GR, **Phelan HA**, Harlin S, Mulekhar M, Rodning CB. Increased rural vehicular mortality rates: Roadways with higher speed limits or excessive vehicular speed? *Journal of Trauma* 63(6):1360-3, 2007.

11. **Phelan HA**, Roller J, Minei JP. Case report: Perimortem cesarean section after utilization of surgeon-performed trauma ultrasound. *Journal of Trauma* 64(1):E12-E14, 2008.

12. Friese R, Sperry J, **Phelan HA**, Gentilello L. The use of leukoreduced red cell products is associated with fewer infectious complications in trauma patients. *American Journal of Surgery* 196(1):56-61, 2008.

13. Gonzalez RP, Cummings GR, **Phelan HA**, Mulekar MS, Rodning CB. [On-scene intravenous line insertion adversely impacts prehospital time in rural vehicular trauma.](http://web.ebscohost.com/ehost/viewarticle?data=dGJyMPPp44rp2%2fdV0%2bnjisfk5Ie46bdIrq60ULKk63nn5Kx95uXxjL6nrUmxpbBIrq%2beSa6wsVC4qLM4v8OkjPDX7Ivf2fKB7eTnfLuorlCwqbNKsKe1PurX7H%2b72%2bw%2b4ti7gOHepIzf3btZzJzfhrups06zqrZQtpzkh%2fDj34y73POE6urjkPIA&hid=116) *American Surgeon* 74(11):1083-1087, 2008.

14. Gonzalez RP, Cummings GR, **Phelan HA**, Mulekhar MS, Rodning CB. Does increased EMS pre-hospital time affect patient mortality in rural motor vehicle crashes? A statewide analysis. *American Journal of Surgery* 197(1):30-4, 2009.

15. **Phelan HA**, Brakenridge S, Rutland T, Maltese K. Boerhaave’s syndrome presenting with massive hemothorax. *Southern Medical Journal* 102(2):202-3, 2009*.*

16. Gonzalez RP, Scott W, Wright A, **Phelan HA**, Rodning CB. Anatomic location of penetrating lower-extremity trauma predicts compartment syndrome development. *American Journal of Surgery* 197(3):371-5, 2009.

17.  **Phelan HA**, Velmahos G, Jurkovich J, Friese RS, Minei JP, Menaker JA, Philp A, Evans HL, Gunn ML, Eastman AL, Rowell SE, Allison CE, Barbosa RL, Norwood SH, Tabbara M, Dente CJ, Carrick MM, Wall MJ, Feeney J, O’Neill PJ, Srinivas G, Brown CVR, Reifsnyder AC, Hassan MO, Albert S, Pascual JL, Strong M, Moore FO, Spain DA, Purtill MA, Edwards B, Strauss J, Durham RM, Duchesne JC, Greiffenstein P, Cothren CC.An Evaluation of Multichannel CT Scanners in Diagnosing Pancreatic Injury- A Multicenter AAST Study. *Journal of Trauma* 66(3):641-7, 2009.

18. **Phelan HA**, Gonzalez RP, Scott WC, White CQ, McClure M, Minei JP. Long-term follow-up of prophylactic permanent vena cava filters in trauma patients. *Journal of Trauma* 67(3):485-9, 2009.

19. Gonzalez RP, Cummings GR, **Phelan HA**, Bosarge PL, Rodning CB. Clinical examination in complement with Computed Tomography scan: An effective method for identification of cervical spine injury. *Journal of Trauma* 67(6):1297-1304, 2009.

20. **Phelan HA**, Gonzalez RP, Patel H, Sperry JL, Friese RS, Nakonezny PA. Prestorage leukoreduction ameliorates the detrimental effects of age on stored blood. *Journal of Trauma* 69(2):330-7, 2010. PMID 21924400 PMCID 3153987

21. Duchesne JC, McSwain NE, Cotton BA, Hunt JP, Dellavolpe J, Lafaro K, Marr AB, Gonzalez EA, **Phelan HA**, Bilski T, Greiffenstein P, Barbeau JM, Renny KV, Baker CC, Brohi K, Jenkins DH, Rotondo M. Damage control resuscitation: The new face of damage control. *Journal of Trauma* 69(4):976-90, 2010.

22. Hewitt L, Bhavsar P, **Phelan HA**. The secrets women keep: Intimate partner violence screening in the female trauma patient. *Journal of Trauma* 70(2):320-3, 2011.

23. Lang J, Eastman AE, Aldy K, Gonzalez RP, White CQ, Carroll E, Funk G, **Phelan HA**. Does temporary chest wall closure with or without chest packing improve survival for trauma patients in shock after emergent thoracotomy? *Journal of Trauma* 70(3):705-9, 2011.

24. Moore FO, Goslar PW, Coimbra R, Velmahos G, Brown CVR, Coopwood TB, Lottenberg L, **Phelan HA**, Bruns BR, Sherck JP, Norwood SH, Barnes SL, Matthews MR, Hoff WS, de Moya M, Bansal V, Hu CKC, Karmy-Jones RC, Vinces F, Pembaur K, Notrica DM, Haan JM. Management of blunt traumatic occult pneumothorax: Is observation harmful? Results of a prospective multicenter study. *Journal of Trauma* 70(5):1019-25, 2011. (cover article)

25. Brakenridge SC, **Phelan HA**, Henley SS, Golden RM, Kashner TM, Eastman AE, Sperry JL, Harbrecht BG, Moore EE, Cuscieri J, Maier RV, Minei JP. EarlyBlood Product and Crystalloid Volume Resuscitation Risk Association with Multiple Organ Dysfunction after Severe Blunt Traumatic Injury. *Journal of Trauma* 71(2):299-305, 2011. (cover article)

26. Graham D, Eastman AE, Aldy K, Carroll EA, Minei JP, Brakenridge SC, **Phelan HA**. Outcomes and long term follow up after emergent cricothyroidotomy: Is routine conversion to tracheostomy necessary? *American Surgeon* 77:1707-11, 2011.

27. **Phelan HA**, Eastman A, Aldy K, Carroll E, Nakonezny P, Jan T, Howard J, Chen Y, Friese RS, Minei JP. Prestorage leukoreduction abrogates the detrimental effect of aging on packed red cells transfused after trauma: a prospective cohort study. *American Journal of Surgery* 203:198-204, 2012.

28. Notrica DM, Garcia-Filion P, Moore FO, Goslar PW, Coimbra R, Velmahos G, Stevens LR, Petersen SR, Brown CV, Foulkrod KH, Coopwood TB Jr, Lottenberg L, **Phelan HA**, Bruns B, Sherck JP, Norwood SH, Barnes SL, Matthews MR, Hoff WS, Demoya MA, Bansal V, Hu CK, Karmy-Jones RC, Vinces F, Hill J, Pembaur K, Haan JM. [Management of pediatric occult pneumothorax in blunt trauma: a subgroup analysis of the American Association for the Surgery of Trauma multicenter prospective observational study.](http://www.ncbi.nlm.nih.gov/pubmed/22424339) *J Pediatr Surg* 47(3):467-72, 2012.

29. **Phelan HA**. Pharmacologic venous thromboembolism prophylaxis after TBI: A critical literature review. *Journal of Neurotrauma* 29:1821-8, 2012.

30. **Phelan HA**, Eastman AL, Madden C, Aldy K, Berne J, Norwood SH, Scott WC, Bernstein I, Pruitt J, Butler G, Rogers L, Minei JP. TBI risk stratification at presentation: A prospective study of the incidence and timing of radiographic worsening in the Parkland Protocol. *J Trauma Acute Care Surg* 73:S122-7, 2012.

31. Abdelfattah KR, Eastman AE, Aldy K, Wolf SE, Minei JP, Scott WW, Madden C, Rickert KL, **Phelan HA**. A prospective evaluation of the use of routine repeat cranial CT scans in patients with intracranial hemorrhage and GCS Score of 13-15. *Journal of Trauma* 73:685-8, 2012.

32. **Phelan HA**, Wolf SA, Norwood SH, Aldy K, Brakenridge SC, Eastman AL, Madden CJ, Nakonezny PA, Yang L, Chason DP, Arbique G, Berne J, Minei JP. A randomized, double-blinded, placebo-controlled pilot trial of anticoagulation in low-risk TBI: The Delayed vs Early Enoxaparin Prophylaxis I (DEEP I) study. *Journal of* *Trauma and Acute Care Surgery* 73:1434-41, 2012.

33. Brakenridge SC, Henley S, Golden R, Kashner TM, **Phelan HA**, Cohen MJ, Sperry J, Moore EE, Minei JP, Cuschieri J, Maier R. Comparing clinical predictors of deep venous thrombosis vs pulmonary embolus after severe blunt traumatic injury: A new paradigm for post-traumatic VTE? *J Trauma Acute Care Surg* 74(5):1231-8, 2013.

34. Holcomb JB, del Junco DJ, Fox E, Wade CE, Cohen MJ, Schreiber MA, Alarcon L, Bai Y, Brasel KJ, Bulger EM, Cotton BA, Matjevic N, Muskat P, Myers J, **Phelan HA**, White CE, Zhang J, Rahbar MH, for the PROMMTT Study Group. The Prospective, Observational, Multicenter, Major Trauma Transfusion (PROMMTT) Study: Comparative Effectiveness of a Time-varying Treatment with Competing Risks. *JAMA Surgery* 148(2):127-36, 2013.

35. Beale E, Janis J, Minei JP, Elliott AC, **Phelan HA**. Predictors of Failed Primary Abdominal Closure in the Trauma Patient with an Open Abdomen. *Southern Medical Journal* 106(5):327-31, 2013

36. Fox EE, Bulger EM, Dickerson AS, del Junco DJ, Klotz P, Podbielski J, Matijevic N, Brasel KJ, Holcomb JB, Schreiber MA, Cotton BA, **Phelan HA**, Cohen MJ, Myers JG, Alarcon LH, Muskat P, Wade CE, Rahbar ME, on behalf of the PROMMTT Study Group. Waiver of consent in non-interventional, observational emergency research: the PROMMTT experience. *J Trauma Acute Care Surg,* 75(1):S3-8, 2013.

37. Trickey AW, Fox EE, del Junco DJ, Ning J, Holcomb JB, Brasel KJ, Cohen MJ, Schreiber MA, Bulger EM, **Phelan HA**, Alarcon LH, Myers JG, Muskat P, Cotton BA, Wade CE, Rahbar MH, on behalf of the PROMMTT Study Group. The impact of missing trauma data on predicting massive transfusion. *J Trauma Acute Care Surg,* 75(1):S68-74, 2013.

38. Hampton DA, Fabricant LJ, Differding J, Diggs B, Underwood S, De La Cruz D, Holcomb JB, Brasel KJ, Cohen MJ, Fox EE, Alarcon LH, Rahbar MH, **Phelan HA**, Bulger EM, Muskat P, Myers JG, del Junco DJ, Wade CE, Cotton BA, Schreiber MA, on behalf of the PROMMTT study group. Prehospital intravenous fluid confers a survival benefit in trauma patients. *J Trauma Acute Care Surg,* 75(1):S9-15, 2013.

39. Hubbard A, Munoz ID, Decker A, Holcomb JB, Schreiber MA, Bulger EM, Brasel KJ, Fox EE, del Junco DJ, Wade CE, Rahbar ME, Cotton BA, **Phelan HA**, Myers JG, Alarcon LH, Muskat P, Cohen MJ, on behalf of the PROMMTT study group. Time-Dependent Prediction and Evaluation of Variable Importance Using SuperLearning in High Dimensional Clinical Data. *J Trauma Acute Care Surg,* 75(1): S53-60, 2013.

40. Barbosa RR, Rowell SE, Fox EE, Holcomb JB, Bulger EM, **Phelan HA**, Alarcon LH, Myers JG, Brasel KJ, Muskat PC, del Junco DJ, Cotton BA, Wade CE, Rahbar MH, Cohen MJ, Schreiber MA, on behalf of the PROMMTT Study Group. Increasing time to operation is associated with decreased survival in patients with a positive FAST exam requiring emergent laparotomy. *J Trauma Acute Care Surg,* 75(1):S48-52, 2013.

41. Rahbar MH, Fox EE, del Junco DJ, Harvin JA, Holcomb JB, Wade CE, Schreiber MA, Rahbar MH, Bulger EM, **Phelan HA**, Brasel KJ, Alarcon LH, Myers JG, Cohen MJ, Muskat P, Cotton BA, on behalf of the PROMMTT Study Group. Early resuscitation intensity as a surrogate for bleeding severity and early mortality in the PRospective, Observational, Multicenter, Major Trauma Transfusion (PROMMTT) Study. *J Trauma Acute Care Surg,* 75(1):S16-23, 2013.

42. Fuchs PA, del Junco DJ, Fox EE, Holcomb JB, Rahbar MH, Wade CA, Alarcon LH, Brasel KJ, Bulger EM, Cohen MJ, Myers JG, Muskat P, **Phelan HA**, Schreiber MA, Cotton BA, on behalf of the PROMMTT Study Group. Purposeful Variable Selection and Stratification to Impute Missing FAST Data in Trauma Research. *J Trauma Acute Care Surg,* 75(1):S75-81, 2013.

43. Cohen MJ, Kutcher M, Redick B, Nelson M, Call M, Knudson MM, Schreiber MA, Bulger EM, Muskat P, Alarcon LH, Myers JG, Rahbar MH, Brasel KJ, **Phelan HA**, del Junco DJ, Fox EE, Wade CE, Holcomb JB, Cotton BA, Matijevic N, on behalf of the PROMMTT Study Group. Clinical and mechanistic drivers of acute traumatic coagulopathy. *J Trauma Acute Care Surg,* 75(1):S40-7, 2013.

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**Book Chapters:**

1. **Phelan HA**, Hunt JP. “Shock and Hypoperfusion States”. O’Leary (ed) *The Physiologic* *Basis of Surgery, 3rd edition*. Baltimore, Maryland: Williams & Wilkens, 2002.

2. **Phelan HA**, Eastman AL, Frotan A, Gonzalez RP. “Shock and Hypoperfusion States”. O’Leary (ed) *The Physiologic* *Basis of Surgery, 4th edition*. Baltimore, Maryland: Williams & Wilkens, 2007

3. **Phelan HA**. “Crush Injuries.” In: Velmahos, Degiannis, Doll. (ed). *Penetrating Trauma, A Practical Guide on Operative Technique and Peri-operative management; 1st edition*. Heidelburg, London, New York: Springer; 2011.

4. **Phelan HA**. “Small and Large Bowel Injuries.” In: Velmahos, Degiannis, Doll. (ed). *Penetrating Trauma, A Practical Guide on Operative Technique and Peri-operative management; 1st edition*. Heidelburg, London, New York: Springer; 2011.

5. Lang J, **Phelan HA**. “Inhalation Injuries.” In: Velmahos, Degiannis, Doll. (ed). *Penetrating Trauma, A Practical Guide on Operative Technique and Peri-operative management; 1st edition*. Heidelburg, London, New York: Springer; 2011.

6. **Phelan HA,** Norwood S. “Venous thromboembolism.” for Moore, Rhee, Tisherman, Fulda (ed). *Surgical Critical Care and Emergency Surgery: Clinical Questions and Answers*, West Sussex, UK: Blackwell Publishing, 2012.

**7.** Norwood S, **Phelan HA**. “Neurologic Critical Care.” for Moore, Rhee, Tisherman, Fulda (ed). *Surgical Critical Care and Emergency Surgery: Clinical Questions and Answers*, West Sussex, UK: Blackwell Publishing, 2012.

8. **Phelan HA**.”Thromboembolic disease.” for Papadakros and Gestring (ed). *Encyclopedia of Trauma Care*, Springer-Verlag Berlin and Heidelberg GmbH & Co. K., 2014.

9. **Phelan HA**. “Venous Thromboembolism Prophylaxis.” for Ecklund and Moores (ed). *Neurotrauma Management for the Severely Injured Polytrauma Patient*. Cham, Switzerland: Springer International Publishing, 2016.

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11. Abdelfattah KR, **Phelan HA**. “Small and Large Bowel Injuries.” In: Velmahos, Degiannis, Doll. (ed). *Penetrating Trauma, A Practical Guide on Operative Technique and Peri-operative management; 2nd edition*. Heidelburg, London, New York: Springer; 2016.

12. Mooney J, **Phelan HA**. “Burns and Inhalation Injuries.” In: Velmahos, Degiannis, Doll. (ed). *Penetrating Trauma, A Practical Guide on Operative Technique and Peri-operative management;2nd edition*. Heidelburg, London, New York: Springer; 2016.

13. **Phelan HA**. “Venous thromboembolism.” for Moore, Rhee, Tisherman, Fulda (ed). *Surgical Critical Care and Emergency Surgery: Clinical Questions and Answers, 2nd edition*, West Sussex, UK: Blackwell Publishing, 2018.

14. **Phelan HA**. “Neurologic Critical Care.” for Moore, Rhee, Tisherman, Fulda (ed). *Surgical Critical Care and Emergency Surgery: Clinical Questions and Answers, 2nd edition,* West Sussex, UK: Blackwell Publishing, 2018.

15. Cunningham H, Romanowski K, **Phelan HA**. “Geriatric Burns.” for Jeschke, Kamolz, Sjoberg, Wolf (ed). *Volume 1: Handbook of Burns*, Basingstoke, UK: Springer Nature, 2019.

**Scientific and Invited Presentations:**

1. “Alcohol Intoxication Alters Neutrophil Function; Impact on Response to Hemorrhage”, Poster presentation, *Research Society on Alcoholism*, Montreal, Quebec, 2001.

2. “Hemorrhagic Shock and Lung Injury; Enhanced Beta-2 Integrin Expression”. Podium presentation, *New Orleans Surgical Society* Research Forum, New Orleans, LA, 2001.

3. “One for the Road- Surgical Options in the Management of Chronic Pancreatitis”, Department of Surgery Grand Rounds, LSU-New Orleans 2003.

4. “The Management of Blunt and Penetrating Cerebrovascular Injuries”, Department of Surgery Grand Rounds, UT-Southwestern 2004, Department of Surgery Grand Rounds, USA 2005.

5. “Ventilator Associated Pneumonia: Prevention, Diagnosis, and Treatment”, Department of Surgery Grand Rounds, USA 2005.

6. “Thoracic Trauma: An Anatomic Correlation”, Gross anatomy course lecture, USA medical school 2005, 2006

7. “Abdominal Trauma: an Anatomic Correlation”, Gross anatomy course lecture, USA medical school 2005, 2006

8. Chief Resident Commencement Valedictory, Department of Surgery, USA 2006

9. “Techniques in the Management of Thoracic Trauma”, Department of Physician Assistant Studies Invited Lecturer, USA 2006

10. “Orthopedic Damage Control Surgery”, Department of Orthopedics Grand Rounds, USA 2006, Department of Surgery Grand Rounds, USA 2007

11. “ACS Surgery: An Introduction”, Department of Physician Assistant Studies Invited Lecturer, USA 2007.

12. “Thoracic Trauma: What Coders Need to Know.” American Association of Professional Coders Invited Lecturer Series, Dallas, TX 2008.

13. “Pancreatic trauma: an update on diagnosis and management.” Podium presentation and panelist for *Current Topics in General Surgery*, Dallas, TX; 2008.

14. “Adapting Damage Control Principles to the Thorax.” UT-Southwestern Medical Center, Dept. of Surgery Grand Rounds, Dallas, TX 2008

15. “Pancreatic trauma.” UT-Southwestern Medical Center, Dept. of Surgery Grand Rounds, Dallas, TX 2009

16. Moderator. “Trauma and Critical Care- Session I” *Current Topics in General Surgery*, Dallas, TX 2009.

17. Moderator. “Trauma and Critical Care- Session II” *Current Topics in General Surgery*, Dallas, TX 2009.

18. Moderator and Judge, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2009

19. “Management of the Mangled Extremity” *Parkland Surgical Society*, Dallas, TX 2009

20. “The Evolution of Surgical Residencies” *Wilson Surgical Society*, Dallas, TX 2009

21. Keynote speaker. “Stable Abdominal Stab Wounds: Their Workup and Management”, *Parkland Nurses Association*, Dallas, TX 2009

22. “Abdominal Compartment Syndrome.” *2nd Annual Current Concepts in Abdominal Wall Reconstruction*, UT-Southwestern Medical Center, Dallas, TX 2010

23. Moderator. “Trauma and Critical Care- Session I” *Current Topics in General Surgery*, Dallas, TX 2010.

24. Moderator. “Trauma and Critical Care- Session II” *Current Topics in General Surgery*, Dallas, TX 2010.

25. “Stable Abdominal Stab Wounds: Their Workup and Management”, *Current Topics in General Surgery*, Dallas, TX 2010.

26. “Trauma and Burns: An Introduction”, UT-Southwestern Department of Surgery Summer Lecture Series, Dallas, TX, 2010.

27. Poster Professor, UT-Southwestern 49th Annual Medical Student Research Forum, Dallas, TX, 2011.

28. Judge, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2011

29. “Pros and cons of prophylactic filters after trauma”. Grand Rounds, UT Southwestern Dept. of Surgery, Dallas, TX, 2012

30. “Fluid management of the trauma patient.” Grand Rounds, UT Southwestern Dept. of Anesthesia, Dallas, TX, 2012

31. “What is the role for the prophylactic IVC filter after trauma?” Grand Rounds, Methodist Hospital Department of Surgery, Dallas, TX, 2013

32. “Traumatic laceration of the hepatic artery: case reports and description of a modified Pringle maneuver.” Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2013.\*

33. “The Modified Berne-Norwood criteria predict two tiers of risk for TBI progression.” Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2013.\*

34. “Does isolated traumatic subarachnoid hemorrhage merit a lower intensity level of observation than all other traumatic brain injuries?” Podium presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2013.\*

35. "Update on the Science & Practice of Modern Trauma Resuscitation".Podium presentation, *Parkland Surgical Society*, Dallas, TX 2013

36. “The initial management of the blunt and penetrating trauma patient.” Podium presentation, UT Southwestern Summer Resident Lecture Series, Dallas, TX 2013.

37. “Injury severity and comorbidities alone do not predict futility of care in elderly trauma patients,” Podium presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2014.\*

38. “Loop versus end colostomy reversal: Has anything changed?”Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2014.\*

39. "Outcomes of blunt thoracic aortic injury: Validation of a grading system utilization". Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2014.\*

40. “Beyond ATLS: An introduction to in-hospital trauma care.” Podium presentation, UT Southwestern Summer Resident Lecture Series, Dallas, TX 2014.

41. “Initial management and resuscitation of the burn patient.” Podium presentation, UT Southwestern Pediatric Emergency Medicine Fellowship Program, Dallas, TX 2014.

42. “Establishing benchmarks for choledocholithiasis management in an urban safety net hospital: Analysis of 915 subjects.” Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2015.\*

43. “An analysis of omitting biliary tract imaging in 668 subjects admitted with choeldocholithiasis.” Podium presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2015.\*

44. “Epidemiology and outcomes in pediatric burns: A 35 year experience at a regional burn center.” Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2015.\*

45. “Estimating geriatric mortality after injury using age, Injury Severity Score, and Performance of a transfusion: A tool for defining futility of care in the geriatric trauma patient.” Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2015.\*

46. “A five year single center review of toxic epidermal necrolysis management.” Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2015.\*

47. “Multicenter external validation of the Geriatric Trauma Outcomes score: The Prognostic Assessment of Life and LImitations After Trauma in the Elderly [PALLIATE] study.” Podium presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2015.\*

48. “Characteristics of pediatric burns caused by child abuse: An analysis of 286 cases.” Poster presentation, UT-Southwestern Department of Surgery Research Forum, Dallas, TX 2015.\*

49. “Communication 101: Breaking bad news and the best case/worst case tool,” UT Southwestern Department of Surgery Summer Lecture Series, Dallas, TX 2016.

50. “Team Science: Building a Productive Relationship with Biostatisticians,” UT Southwestern Center for Translational Medicine, Clinical Research Design and Analysis Course (CTM 5301), Dallas, TX 2016

51. “Goal setting for the injured elder”, UT Southwestern Department of Surgery Grand Rounds, Dallas, TX 2017

52. “Life as a trauma surgeon,” UT Southwestern Trauma Student Interest Society, Dallas, TX 2017

53. “A comparison of prognosis calculators for geriatric trauma: A PALLIATE Consortium Study”, UT Southwestern Department of Surgery Research Day, Dallas TX 2017

54. “Burn Scar Reconstruction”, UT Southwestern Department of Plastic Surgery Grand Rounds, Dallas TX 2017

55. “Burn surgery: past, present, and future,” *The Sterile Field Podcast*, Dallas, TX 2017

56. “Laser therapy for burn scar”, *Parkland Burn Survivor Support Group*, Dallas, TX 2018

57. “Updates in acute burn care”, UT Southwestern Department of Physical Medicine and Rehabilitation Resident Lecture Series, Dallas TX 2018

\*Denotes corresponding author or primary mentor

**INVITED PRESENTATIONS – REGIONAL**

1. “An Evaluation of the ACS Trauma Triage Criteria”, Podium presentation, *Texas College of Emergency Physicians*, Galveston, TX, 1994.

2. “When Should We Declare a Limb Unsalvageable?” Podium presentation, *Alabama Occupational Therapy Association Fall Conference*, Orange Beach, AL, 2007.

3. “Intimate Partner Violence screening in female trauma patients.” Podium presentation, *2nd annual Texas Injury and Violence Prevention Conference*, Austin, TX, 2012.

4. “Determinants and Timing of Radiographic Stabilization of Intracranial Hemorrhage after Neurosurgical Procedures.” Podium presentation, North Texas ACS, Dallas, TX 2013.\*

5. “The Modified Berne-Norwood criteria predict two tiers of risk for TBI progression.” Podium presentation, North Texas ACS, Dallas, TX 2014. \*

6. “Characteristics of pediatric burns caused by child abuse: An analysis of 286 cases.” Mini-podium presentation, North Texas ACS, Dallas, TX 2015.\*

7. “Establishing benchmarks for choledocholithiasis management in an urban safety net hospital: Analysis of 915 subjects.” Podium presentation, *Southwestern Surgical Congress*, North Texas ACS, Dallas, TX 2015\*

8. “An analysis of omitting biliary tract imaging in 668 subjects admitted with choeldocholithiasis.” Poster presentation, North Texas ACS, Dallas, TX 2015\*

9. “Epidemiology and outcomes in pediatric burns: A 35 year experience at a regional burn center.” Poster presentation, North Texas ACS, Dallas, TX 2015\*

10. “Estimating geriatric mortality after injury using age, Injury Severity Score, and Performance of a transfusion: A tool for defining futility of care in the geriatric trauma patient.” Podium presentation, North Texas ACS, Dallas, TX 2015.\*

11. “A five year single center review of toxic epidermal necrolysis management.” Poster presentation, North Texas ACS, Dallas, TX 2015\*

12. "Creation of a decision aid for goal setting after geriatric burns: A study from the Prognostic Assessment of Life and Limitations After Trauma in the Elderly [PALLiATE] consortium." Quickshot presentation, North Texas ACS, Dallas, TX 2016\*

13. “Caring for the injured elder”, Trauma Grand Rounds, Texas Health Arlington Medical Center, Arlington, TX 2016

14. “Low-grade blunt hepatic injury and benefits of intensive care unit monitoring”, Podium presentation, Regional COT Resident Research Competition, Dallas, TX 2016\*

15. “A Comparison of prognosis calculators for geriatric trauma: A PALLiATE Consortium Study”, Quickshot presentation, North Texas ACS, Austin TX 2017\*

16. “Impact of a laser service line for burn scar on a dedicated burn OR’s flow and productivity,” Podium presentation, Southern Region Burn Conference, Miami, FL 2017\*

17. “Trauma surgeon and palliative care physician attitudes regarding goals of care delineation for injured geriatric patients: A PALLiATE Consortium study.” Podium presentation, North Texas ACS, Dallas TX 2018\*

18. “Prospective Analysis of Operating Room and Discharge Delays in a Burn Center.” Podium presentation. Southern Region Burn Conference, Mobile, AL 2018\*

19. Poster Professor, Southern Region Burn Conference, Mobile, AL 2018

20. Scientific Session #4 Moderator, Southern Region Burn Conference, Mobile, AL 2018

21. Poster Professor, Southern Region Burn Conference, San Antonio, TX 2019

\*Denotes corresponding author or primary mentor

**INVITED PRESENTATIONS – NATIONAL**

1. “Hemorrhagic Shock and Lung Injury; Enhanced Beta-2 Integrin Expression”. Poster presentation, *Federation of American Societies for Experimental Biology*, Orlando, FL, 2001.

2. “Use of a Pediatric Cohort to Examine the Impact of Gender on Outcome after Trauma.” Poster presentation, *American Association for the Surgery of Trauma*, Maui, HI, 2004. \*

3. “Use of a Non-Protocol Based Training Regimen for Bolt Placement by General Surgery Residents Results in Higher Nonhemorrhagic Complication Rates.” Poster presentation, *American Association for the Surgery of Trauma*, New Orleans, LA 2006. \*

4. “Leukoreduction Prior to Red Blood Cell Transfusion Has No Impact on Mortality in Trauma Patients”, Poster presentation, *Academic Surgical Congress*, San Diego, CA 2006.

5. “Prestorage leukoreduction ameliorates the detrimental effects of age on stored blood”. Podium Presentation. *American Association for the Surgery of Trauma,* Las Vegas, NV 2007.

6. “Thoracic Damage Control Surgery.” Podium presentation and panel discussant, *24th annual Albert Einstein Medical Center Controversies in Surgery Symposium*, New York, NY; 2007.

7. **“**An Evaluation of Multichannel CT Scanners in Diagnosing Pancreatic Injury- A Multicenter AAST Study”. Podium presentation. *American Association for the Surgery of Trauma*, Maui, HI, 2008.

8. “Long-term follow-up of prophylactic permanent vena cava filters in trauma patients.” Poster presentation at *Eastern Association for the Surgery of Trauma*, Orlando, FL, 2009.

9. “Imaging and Management of Pancreatic Injuries”. Podium presentation and panelist for *Austin Trauma and Critical Care Conference*, Austin, TX, June 2009

10. “Complications after Liver Injury”. Podium presentation and panelist for *Austin Trauma and Critical Care Conference*, Austin, TX, June 2009

11. “Seizure Prophylaxis after Head Injury.” Podium presentation and panelist for *Austin Trauma and Critical Care Conference*, Austin, TX, June 2009

12. “A prospective trial of domestic violence screening methods in female trauma inpatients.” Podium presentation, *Western Trauma Association*, Telluride, CO, 2010.

13. “An analysis of intrathoracic packing with temporary chest closure versus definitive closure in patients with metabolic exhaustion after trauma thoracotomy.” Poster presentation at *American Association for the Surgery of Trauma,* Boston, MA, 2010.\*

14. “Pre-Hospital Resuscitation Strategies.” Panelist, *Harvard Medical School’s CIMIT Innovation Workshop-Early Innovative Resuscitation and Bleeding Control Symposium*, Boston, MA, 2010.

15. Professor, Poster session; *Eastern Association for the Surgery of Trauma* Scientific Assembly, Naples, FL, 2011.

16.“Proposed Bylaws Changes for EAST.” Podium presentation, *Eastern Association for the Surgery of Trauma* Scientific Assembly, Naples, FL, 2011.

17. “Long-term follow up on cricothyroidotomies with and without routine conversion to tracheostomy.” Podium presentation at *Society of Air Force Clinical Surgeons* Annual Scientific Assembly, Biloxi, MS 2011.\*

18. “The Delayed vs Early Enoxaparin Prophylaxis (DEEP) study after TBI: An analysis of randomized pilot study feasibility.” Podium presentation at *American Association for the Surgery of Trauma,* Chicago, IL, 2011.

19. “A prospective cohort study of outcomes after initiation of selective repeat CT scanning for mild TBI.” Poster presentation at *American Association for the Surgery of Trauma,* Chicago, IL, 2011.\*

20. “Incidence and timing of radiographic progression of TBI patterns in the Parkland Protocol: A prospective study.” Poster presentation at *Advanced Technology Applications for Combat Casualty Care*, Ft. Lauderdale, FL 2011.

21.“Proposed Bylaws Changes for EAST.” Podium presentation, *Eastern Association for the Surgery of Trauma* Scientific Assembly, Lake Buena Vista, FL, 2012.

22. Moderator, Podium Session IV-B, *Eastern Association for the Surgery of Trauma* Scientific Assembly, Lake Buena Vista, FL, 2012.

23. “A debate over the role of vena cava filters in trauma patients. Pro: Herb A. Phelan, MD, Con: William H. Geerts, MD.” Podium presentation, *David S. Sumner Venous Summit,* *American Venous Forum*, Orlando, FL, 2012.

24. “A randomized, double-blinded, placebo controlled trial of anticoagulation in low-risk traumatic brain injuries: The Delayed vs Early Enoxaparin Prophylaxis (DEEP) pilot study.” Podium presentation at *Western Trauma Association*, Vail, CO, 2012.

25. “Early fluid resuscitation intensity as a surrogate for bleeding severity and early mortality in the PROMMTT study.” Discussant, *PROMMTT Symposium,* *American Association for the Surgery of Trauma,* Maui, HI, 2012.

26. “Determinants and Timing of Radiographic Stabilization of Intracranial Hemorrhage after Neurosurgical Procedures.” Podium presentation at *Neurocritical Care Society,* Denver, CO 2012.\*

27. “Increasing experience with total mesorectal excision allows for selective use of neoadjuvant therapy in patients with rectal cancer,” Discussant, *Western Surgical Association*, Colorado Springs, CO, 2012.

28. Professor, Poster session; *Eastern Association for the Surgery of Trauma*, Scientific Assembly, Scottsdale, AZ, 2013.

29.“Proposed Bylaws Changes for EAST.” Podium presentation, *Eastern Association for the Surgery of Trauma* Scientific Assembly, Scottsdale, AZ, 2013.

30. “Is MRI necessary to identify clinically significant spine injuries in obtunded blunt trauma patients?” Discussant, *Southwestern Surgical Congress*, Santa Barbara, CA, 2013.

31. “The Modified Berne-Norwood criteria predict two tiers of risk for TBI progression.” Poster presentation, *American Association for the Surgery of Trauma*, San Francisco, CA 2013. \*

32. “Current recommendations for VTE prophylaxis in neurosurgical patients.” Podium presentation, *American College of Surgeons*, Washington DC 2013.

33. “The DEEP II Study.” Podium presentation, *Surgical Biology Club III*, Washington DC 2013.

34. Does isolated traumatic subarachnoid hemorrhage merit a lower level of intensity of observation than other TBI? Poster presentation at *Neurocritical Care Society*, Philadelphia PA 2013.\*

35. “Never frozen liquid plasma blocks endothelial permeability as effectively as thawed frozen plasma.” Discussant, *Eastern Association for the Surgery of Trauma* Scientific Assembly, Naples, FL, 2014.

36. “In vivo leukocyte-mediated brain microcirculatory inflammation: A comparison of osmotherapies and progesterone in severe TBI.” Discussant, *Southwestern Surgical Congress*, Scottsdale, AZ 2014.

37. “Injury severity and comorbidities alone do not predict futility of care in elderly trauma patients,” Poster presentation, *American Association for the Surgery of Trauma,* Philadelphia, PA 2014.\*

38. “Establishing benchmarks for choledocholithiasis management in an urban safety net hospital: Analysis of 915 subjects.” Podium presentation, *Southwestern Surgical Congress*, Monterrey, CA 2015\*

39. “An analysis of omitting biliary tract imaging in 668 subjects admitted with choeldocholithiasis.” Podium presentation, *Southwestern Surgical Congress*, Monterrey, CA 2015\*

40. “Epidemiology and outcomes in pediatric burns: A 35 year experience at a regional burn center.” Poster presentation, *American Burn Association*, Chicago, IL 2015\*

41. “Palliative Care and Burns.” Session moderator, *American Burn Association*, Chicago, IL 2015

42. “Estimating geriatric mortality after injury using age, Injury Severity Score, and Performance of a transfusion: A tool for defining futility of care in the geriatric trauma patient.” Poster presentation, *American Geriatric Society*, Washington DC 2015.\*

43. “Multicenter external validation of the Geriatric Trauma Outcomes score: The Prognostic Assessment of Life and LImitations After Trauma in the Elderly [PALLIATE] study.” Podium presentation, *American Association for the Surgery of Trauma*, Las Vegas, NV 2015\*

44. "Creation of a decision aid for goal setting after geriatric burns: A study from the Prognostic Assessment of Life and Limitations After Trauma in the Elderly [PALLIATE] consortium." Podium presentation, *Eastern Association for the Surgery of Trauma*, San Antonio, TX 2016.\*

45. “Safety of therapeutic anticoagulation in patients with traumatic brain injury.” Discussant, *Eastern Association for the Surgery of Trauma*, San Antonio, TX 2016.

46. “Multicenter validation of a prognosis calculator predicting discharge disposition after geriatric trauma: A PALLIATE Consortium study.” Poster presentation, *American Geriatric Society*, Long Beach, CA 2016.\*

47. “Navigating unusual IRB processes.” Podium presentation, *American Burn Association*, Las Vegas, NV 2016

48. “Critical Care Bundles.” Session moderator, *American Burn Association*, Las Vegas, NV 2016

49. “The Cardiovascular Effects of Rapid Sequence Intubation: Reconsidering the A, B, Cs of Trauma Resuscitation.” Discussant, *American Association for the Surgery of Trauma*, Waikoloa, HI 2016.

50. “Geriatric trauma: From scene to discharge.” Podium presentation, *American College of Surgeons Clinical Congress*, Washington DC 2016.

51. “Advancing the Science of Geriatric Palliative Care after injury.” Podium presentation, *Surgical Discovery Club,* Washington DC 2016.

52. “Geriatric Pelvic Trauma: an Underestimated Injury Pattern in a Vulnerable Population.” Discussant, *American College of Surgeons Clinical Congress*, Washington DC 2016.

53. “A comparison of prognosis calculators for geriatric trauma: A PALLIATE Consortium Study”, Podium presentation, *Eastern Association for the Surgery of Trauma*, Hollywood FL, 2017\*

54. “Impact of a laser service line for burn scar on a dedicated burn OR’s flow and productivity,” Poster presentation, *American Society for Laser Medicine and Surgery*, San Diego, CA 2017\*

55. “Frailty influences the subjective decision to conduct a goals of care discussion with burned elders,” Poster presentation, *American Burn Association*, Boston, MA 2017\*

56. “Frailty and the burned elder,” Podium presentation, Elderly State of the Science symposium, *American Burn Association*, Boston, MA 2017

57. “Low grade blunt hepatic injury and benefits of ICU monitoring,” Podium presentation, *Southwestern Surgical Association*, Maui, HI 2017\*

58. “Attitudes Among Burn Surgeons and Palliative Care Physicians Regarding Goals of Care for Geriatric Burn Patients.” Poster presentation, *American Burn Association*, Chicago, IL 2018\*

59. “Trauma Surgeon and Palliative Care Physician Attitudes Regarding Goals of Care Delineation for Injured Geriatric Patients”, Poster presentation, *Southwestern Surgical Congress*, Napa, CA 2018\*

60. “Efficacy of Coenzyme Q10 Supplementation on Multi-Organ Dysfunction in Severely Burned Patients.” Podium presentation, *American Burn Association*, Chicago, IL 2018

61. “Palliative Care in Trauma: The First 48 hours.” Podium presentation, *American College of Surgeons Clinical Congress*, Boston, MA, 2018

62. “Goal setting for elders after burns and trauma”, Grand Rounds, Institute of Surgical Research, San Antonio TX 2018

63. “Noninvasive Burn Scar Measurements Before and After Treatment by 2940 nm Erbium:YAG Laser Fractional Resurfacing.” Podium Presentation, *American Burn Association*, Las Vegas, NV 2019 \*

64. “Use of Tailored Feedback Improves Accuracy of Delirium Documentation in the Burn ICU: Results of a Performance Improvement Initiative.” Podium Presentation, *American Burn Association*, Las Vegas, NV 2019 \*

65. “Standardized Suicide Screening in Adult Burn Patients to Determine Risk.” Podium Presentation, *American Burn Association*, Las Vegas, NV 2019 \*

66. “Burn Care in the Elderly Scientific Session.” Moderator, *American Burn Association*, Las Vegas, NV 2019

67. “One Year Mortality in Geriatric Trauma Patients: Improving Upon the Geriatric Trauma Outcomes Score (GTOS) Utilizing the Social Security Death Index (SSDI)”, Podium Presentation, *Western Trauma Association*, Snowmass, CO 2019 \*

68. “Advances in providing patient-centered geriatric burn care”. Podium presentation, *Shock Society*, Coronado, CA 2019

\*Denotes corresponding author or primary mentor

**INVITED PRESENTATIONS – INTERNATIONAL**

1. “Alcohol Intoxication Alters Neutrophil Function; Impact on Response to Hemorrhage”, Poster presentation, *Research Society on Alcoholism*, Montreal, Quebec, 2001.

2. “A prospective cohort study of the impact of prestorage leukoreduction on the red cell storage lesion in transfused trauma patients.” Poster presentation, *European Society for Intensive Care Medicine*, Barcelona, Spain, 2010.

3. “Predictors of failed primary abdominal closure in the trauma patient with an open abdomen.” Podium presentation, *Trauma Association of Canada*, Toronto, Ontario 2012.\*

4. “Characteristics of pediatric burns caused by child abuse: An analysis of 286 cases.” Podium presentation, *Canadian Burn Symposium*, Toronto, Ontario 2015 \*

5. “Burn care in the Elderly.” Podium presentation, *Canadian Burn Symposium*, Toronto, Ontario 2015

6. “A five year, single center review of toxic epidermal necrolysis management.” Poster presentation, *Trauma Association of Canada*, Calgary, Alberta 2015.\*

7. “Magnitude of geriatric burn injury abrogates the unwarranted optimism seen in surrogates of general ICU patients with severe illness,” Poster presentation, *Trauma Association of Canada*, Halifax, Nova Scotia 2016.\*

8. “Geriatric burn patients who survive to discharge have reasonable recovery of function at one year follow up”. Poster presentation, *Trauma Association of Canada*, Halifax, Nova Scotia 2016.\*

9. “Patient Satisfaction of Laser Resurfacing of Burn Scar”, Podium presentation. *Canadian Burn Symposium*, Winnipeg, MB, 2017\*

10. “Noninvasive burn scar measurements before and after treatment by 2940 nm Erbium:YAG laser fractional resurfacing”, Podium presentation. *Canadian Burn Symposium*, Toronto, ON, 2018\*

**Enduring Teaching Materials**

*The Geriatric Trauma Outcome Score’s free on-line prognosis calculator:*

<http://palliateconsortium.com/develop/index.php>

**Research Review Committee:**

March, 2020 - date

DSMC: “Prehospital Airway Control Trial (PACT),” Coordinating Center Protool IRB # PRO18100404. (DoD award: W81XWH- 16-D- 0024)

Role: Chair

May, 2015 – April, 2020

DSMC: Study of Tranexamic acid during Air Medical Prehospital transport (STAAMP) trial: Phase 3 Multi-center, Prospective, Randomized, Blinded, Controlled Interventional Trial (DoD award: W81XWH-13-2-0080)

Role: Chair

June, 2012

Study Section at the Centers for Disease Control (FOA CE-12-005): Characterizing design and evaluation strategies for the appropriate triage of older adults with potential traumatic brain injury who are taking anticoagulants and platelet inhibitors. SRO: J. Felix Rogers, PhD, MPH

Role: Chair

**Editorial Reviewer:**

*Journal of Trauma and Acute Care Surgery*

*Annals of Surgery*

*Journal of the American College of Surgeons*

*JAMA Internal Medicine*

*Southern Medical Journal*

*Journal of Investigative Medicine*

*Critical Care*

*Burns*

*Journal of Burn Care and Research*

**SERVICE ACTIVITIES**

**University/Institutional Service:**

UT-Southwestern Medical Center Dept. of Surgery

 Course Director, Current Topics in Surgery 2009 - 2010

 Interim Director, Division of Critical Care 2009 - 2011

 Interim Director, Surgical Crit Care Fellowship 2009 - 2011

 Director of Continuing Medical Education 2009 - 2014

 Technical Skills Committee 2009 - 2016

 Institutional Review Board # 3 2012 - 2016

 Admissions Committee Interviewer 2012 - 2019

 T32 Training Grant Advisory Committee 2014 - 2017

 Intern Applicant Selection Committee 2015 - 2017

 Laser Committee 2016 - 2019

 Colleges Mentoring Program 2016 - 2019

 D43 Injury Research Training Grant Faculty mentor 2016 - 2019

 Chairman, Department of Surgery DSMB 2018 – 2019

Parkland Memorial Hospital

 Parkland Research Committee 2012

 Parkland Anticoagulation Subcommittee 2012

 VTE Prophylaxis Committee 2009 - 2010

 Critical Care Committee 2009 - 2011

 Blood Utilization Review Committee 2008 - 2019

 Medical Director of Nutritional Support 2008 - 2009

 Medical Director, 5 North 2008 - 2009

University of South Alabama Medical Center

 Graduate Med Educational Comm, Ad Hoc Chair 2006 - 2007

 Medical Executive Committee 2006 - 2007

 Credentialing Committee 2005 - 2007

 Critical Care Committee 2004 - 2007

 Trauma Committee 2004 - 2007

 Performance Improvement Council 2004 - 2007

University of South Alabama College of Medicine

 Admissions Committee 2006 - 2007

 Faculty Senate 2006 - 2007

 Dept. of Surgery Curriculum Committee 2005 - 2007

**National Service:**

American Board of Surgery

 Associate Examiner, Certifying Exam 2011

Associate Examiner, Certifying Exam 2016

American Burn Association

 Burn Science Advisory Panel 2017- date

 Research Committee 2014 - date

 Member 2014 - date

American Association for the Surgery of Trauma

 Palliative Care committee 2018 – date

 Member 2008 - date

National Trauma Research Action Plan

 Geriatrics Delphi consensus panel 2019- date

Eastern Association for the Surgery of Trauma (EAST)

 Board of Directors 2010 - 2013

 Chairman, By-Laws Committee 2010 - 2013

 Co-Chairman, Membership Committee 2012 - 2013

 Publications Committee 2007 - 2010

 Practice Management Guidelines Committee 2005 - 2008

 Member 2005 - date

**Clinical Service:**

**In-patient service activities:** Staffing the inpatient and outpatient UMC burn service; ICU coverage, burn surgeries and reconstructions

 **Call:** Every other night

**Administrative Responsibilities:**

**Departmental:** Research and career mentoring for the department’s aspiring surgeon-scientists