**Herb A. Phelan III, MD, MSCS, FACS**

**Curriculum Vitae**

**PRESENT POSITION**

Vice Chair of Surgical Research 01/2020 to date

Professor of Surgery

LSUHSC-New Orleans Department of Surgery

Section of Burn Surgery

University Medical Center Burn Program

New Orleans, LA

**EDUCATION AND TRAINING**

Undergraduate: Spring Hill College, BS 8/1986 to 5/1990 Mobile, AL

Double major: Biology and English

Medical School: UT-Houston Health Sciences Center 8/1993 to 6/1997

 Houston, TX

Residency:General Surgery 7/1997 to 6/2003

LSU-New Orleans Health Sciences Center

New Orleans, LA

 Chief Administrative Resident 7/2002 to 6/2003

 LSU-New Orleans Health Sciences Center

 New Orleans, LA

Clinical Fellowship: Surgical Critical Care 7/2003 to 6/2004

UT-Southwestern Medical Center

Parkland Memorial Hospital

Dallas, TX

Postdoc Fellowships: Basic Science Research Fellow 7/2000 to 6/2001

 NIH/NIAAA training grant (AA07577)

LSU-New Orleans Health Sciences Center

Dept. of Physiology (Dr. Patricia Molina)

New Orleans, LA

Graduate Certificate in Clinical Research 7/2008 to 6/2009

 UT-Southwestern Medical Center

 Department of Clinical Sciences

 Clinical Translational Science Award

 Dallas, TX

Masters of Science in Clinical Sciences 7/2009 to 6/2012

UT-Southwestern Medical Center

Department of Clinical Sciences

Clinical Translational Science Award

Dallas, TX

**PREVIOUS APPOINTMENTS AND TIMELINE**

Traveled 8/2019 to 12/2019

Professor 9/2018 to 7/2019

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

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

Assistant Professor 11/2004 to 10/2007

Department of Surgery

Division of Trauma/Critical Care

University of South Alabama Medical Center

Mobile, AL

Interim Director, Parkland Surgical Intensive Care Unit 07/2009 to 03/2011

Interim Director, Section of Surgical Critical Care 07/2009 to 03/2011

Interim Program Director, UTSW SCC Fellowship 07/2009 to 03/2011

## BOARD STATUS, LICENSING, AND CERTIFICATIONS

American Board of Surgery, no. 48883, issued 2/10/2004, renewed 12/2/2013, exp. 12/31/2024

Surgical Critical Care, no. 2147, issued 10/18/2004, renewed 9/25/2014, exp 12/31/2025

Licensed by Louisiana State Board of Medical Examiners, active (issued 3/4/2020)

Licensed by Texas State Board of Medical Examiners, inactive

Licensed by Alabama State Board of Medical Examiners, inactive

Advanced Burn Life Support (ABLS) – current

Advanced Burn Life Support (ABLS) Instructor - current

Advanced Cardiac 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

Pediatric Advanced Life Support (PALS) - current

Erbium and CO2 laser training - current

# PERSONAL AND PROFESSIONAL RECOGNITION AND AWARDS

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

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

2011

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

2012

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

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

2014

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

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

2022

* Outstanding Faculty Mentor Award. LSU Faculty Assembly

# SOCIETY MEMBERSHIPS YEAR JOINED

Rives Society 2003 - date

Parkland Surgical Society 2004 - date

Eastern Association for the Surgery of Trauma 2005 - 2019

Association for Academic Surgery 2005 - 2014

Mobile Medical Society 2005 - 2007

American College of Surgeons 2006 - date

North Texas Chapter of the American College of Surgeons 2007 - 2019

American Association for the Surgery of Trauma 2008 - date

International Association for Trauma Surgery & Intensive Care 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

# COMMITTEES:

American Board of Surgery

 Associate Examiner, Certifying Exam 2011

Associate Examiner, Certifying Exam 2016

American Burn Association

 Burn Science Advisory Panel 2017- date

 Elderly Care Special Interest Group 2016 - date

 Research Committee 2014 - 2017

 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

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 -2019

LSUHSC Department of Surgery

 Clinical Competency Committee 2020 – date

University Medical Center, NOLA

 OR Block time committee 2021 - date

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 Chairman 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

**AD HOC REVIEWER FOR:**

*Journal of Trauma and Acute Care Surgery*

*Annals of Surgery*

*Journal of the American College of Surgeons*

*Burns*

*Journal of Burn Care and Research*

*JAMA Internal Medicine*

*Southern Medical Journal*

*Journal of Investigative Medicine*

*Critical Care*

**RESEARCH MENTEES:**

**Faculty:**

Alison Smith, MD, PhD 2020 - date

Michael Cripps, MD, MSCS 2012 – 2019

Tom Shoultz MD - UT Southwestern Medical Center 2017 - 2019

**Post-Docs:**

Paige Deville, MD – LSUHSC-NO 2022 – date

Holly Cunningham, MD - UT Southwestern Medical Center 2017–2019

Luis Taveras, MD - UT Southwestern Medical Center 2017 – 2019

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

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

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

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

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

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

**Fellows:**

John Kubasiak MD - UT Southwestern Medical Center 2018 - date

Sam Ross, MD - UT Southwestern Medical Center 2018 - 2019

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

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

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

**Residents:**

Anya Garbuzov MD- LSUHSC NO 2023 - date

Morgan Laurent, MD- LSUHSC NO 2021

Daniel Yoo, MD- LSUHSC-NO 2021-2022

Karen Irizzari, MD- Tulane University Residency Program 2021

Malcolm Taylor, MD- Tulane University Residency Program 2020-2021

Henry Huson, MD- LSUHSC NO 2020

Joe Giamo MD- LSU-New Orleans 2020

Freda Ready, MD- UT Southwestern Medical Center 2017

Natalia Partain, MD - UT Southwestern Medical Center 2016

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

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

Eileen Bernal, 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

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

Evan Beale, MD- UT Southwestern Medical Center 2011

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

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

Sharla Gayle Wartes, MD- University of South Alabama 2007

**Medical Students:**

Sheeza Wajid BS – LSUHSC NO 2023 - date

Logan Horung, BS – LSUHSC NO 2023 - date

Maddie Lechtenberg BS- LSUHSC NO 2022 – date

Evan Barrios, BS - UT Southwestern Medical Center 2017

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

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

**Other:**

Anastasia Olenko, MS- LSUHSC-NO 2023 – date

Elle Lovick BS – LSUHSC-NO 2021 – 2022

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

Jennifer Rosenthal, RN – Parkland Memorial Hospital 2018

Aditi Rangray- Liberty High School, Frisco TX 2017

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

Lisa Hewitt, RN- Parkland Memorial Hospital 2009 - 2010

**GRANTS AND SALARY SUPPORT**

In development Finnerty (PI) PCORI

**Comparative Effectiveness of Burn Scar Management Approaches to Improve Burn Survivor Satisfaction and Quality of Life**

This study will test the time for initiation of laser resurfacing to determine whether the age of the hypertrophic scar, number of laser interventions, or the use of triamcinolone yields superior results in outcomes prioritized by patients and clinicians.

Institutional Award: TBD

Role: Institutional PI

09/21/2022 – 08/31/2028 Carter (PI) MTEC contract #: W81XWH-15-9-0001

**Burns for Providers Program (BPP / BP2)**

The objective of the Burn Provider Program (BPP or BP2) proposal is to develop an adaptable and sustainable burn education program for far-forward (Role 2) and Combat Support Hospital (Role 3) providers using mobile learning modules coupled to burn-specific psychomotor trainers

Institutional award: **$9,200,000**

Role: Co-investigator

04/08/2021 – date Thatcher (PI) BARDA Contract #75A50119C00033

**Development of DeepView****® Biomedical Imaging Device**

This ongoing award was given to Spectral MD for the development of AI software for use in the prediction of burn wound depth.

Institutional Award: **$2,638,299**

Role: Institutional PI

10/11/2021 – 10/11/2023 Phelan (PI) Contract #HSCNO-2022-LIFT-002

**LSU Leveraging Innovation for Technology Transfer (LIFT2) Grant**

This award was to establish proof of concept for using a proprietary enzyme for use in de-epithelializing cutis graft hernia specimens.

Institutional Award: **$50,000**

Role: PI

01/25/2021 – date BARDA contract #: HHSO100201500028C

**Use of Avita’s autologous skin cell suspension in the reconstruction of soft tissue injuries**

This industry study seeks to compare the use of autologous skin cell suspensions in the reduction of donor site surface area when used to close soft tissue wounds

Institutional Award: **$81,440**

Role: Institutional PI

10/21/2020 – 11/01/2023 BARDA contract #: HHSO100201500035C.

**Use of Nexobrid® for treatment of acute deep partial and full thickness burn injuries**

This open access industry study sponsored by Vericel and Mediwound is an open-label, single-arm treatment protocol which allows for the treatment of up to 150 burn patients with deep partial- and full-thickness thermal burns up to 30% of total body surface area.

Institutional Award: **$58,851**

Role: Institutional PI

03/01/2017-03/01/2020 Phelan (PI) DoD Contract# W81XWH-18-2-0030

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

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

Award: **$1.99 million** Effort: 10%

Role: PI

04/01/2017-07/17/2019 Schwarze (PI) NIH 1R21AG055876

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

The objective of this project was 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

09/30/2016-07/17/2019 Greenhalgh (PI)       ABA/DoD Contract#: W81XWH-16-2-0048

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

The study objective was 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

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

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

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

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

Role: Co-Investigator

11/08/2017-07/17/2019 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 was to evaluate the performance of software-driven algorithmic resuscitation after severe burn injury

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

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 was to evaluate the effect of propranolol in modulating the metabolic response after burn injury

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 determined 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 was to recruit and retain highly qualified health professionals as clinical investigators.

Total Award: **$45,431**

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

Personal 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 was designed to support and train early-career clinical investigators and culminates with a Masters Degree in Clinical Sciences.

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

Role: Clinical Research Scholar

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

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

This study assessed 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

**SCIENTIFIC REVIEW GROUPS and DSMC ACTIVITY**

March, 2020 – date

**DSMC: Prehospital Airway Control Trial (PACT) (**DoD award: W81XWH- 16-D- 0024**)**

Role: Chair

May, 2015 – November, 2019

**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

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

**PEER REVIEWED 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. Early Blood 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 Super Learning 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.

44. Wade CE, del Junco DJ, Fox EE, Cotton BA, Cohen MJ, Muskat P, Schreiber MA, Rahbar MH, Sauer M, Brasel KJ, Bulger EM, Myers JG, **Phelan HA**, Alarcon LH, and Holcomb JB, on behalf of the PROMMTT Study Group. Do Not Resuscitate Orders in Trauma Patients May Bias Mortality-Based Effect Estimates: an evaluation utilizing the PROMMTT study. *J Trauma Acute Care Surg,* 75(1):S89-96, 2013.

45. Robinson BR, Cotton BA, Pritts TA, Branson R, Holcomb JB, Muskat PC, Fox EE, Wade CE, del Junco DJ, Bulger EM, Cohen MJ, Schreiber MA, Myers JG, Brasel KJ, **Phelan HA**, Alarcon LH, Rahbar MH, Callcut RA, on behalf of the PROMMTT Study Group. Application of the Berlin definition in PROMMTT patients: The impact of resuscitation on the incidence of hypoxemia. *J Trauma Acute Care Surg,* 75(1):S61-7, 2013.

46. Holcomb JB, Fox EE, Zhang X, White N, Wade CE, Cotton BA, del Junco DJ, Bulger EM, Cohen MJ, Schreiber MA, Myers JG, Brasel KJ, **Phelan HA**, Alarcon LH, Muskat P, Rahbar MH, on behalf of the PROMMTT Study Group. Cryoprecipitate use in the Prospective Observational Multicenter Major Trauma Transfusion (PROMMTT) study. *J Trauma Acute Care Surg,* 75(1):S31-9, 2013*.*

47. Rahbar MH, del Junco DJ, Huang H, Ning J, Fox EE, Zhang X, Schreiber MA, Brasel KJ, Bulger EM, Wade CE, Cotton BA, **Phelan HA**, Cohen MJ, Myers JG, Alarcon LH, Muskat P, White CE, Holcomb JB, on behalf of the PROMMTT Study Group. A latent class model for defining severe hemorrhage: Experience from the Prospective Observational Multicenter Major Trauma Transfusion (PROMMTT) study. *J Trauma Acute Care Surg,* 75(1):S82-8, 2013*.*

48. del Junco DJ, Holcomb JB, Fox EE, Brasel KJ, **Phelan HA**, Bulger EM, Schreiber MA, Muskat P, Alarcon LH, Cohen MJ, Cotton BA, Wade CE, Myers JG, and Rahbar MH, on behalf of the PROMMTT Study Group Resuscitate early with plasma and platelets or balance blood products gradually: Findings from the Prospective, Observational, Multicenter, Major Trauma Transfusion (PROMMTT). *J Trauma Acute Care Surg,* 75(1):S24-30, 2013*.*

49. **Phelan HA**. Venous thromboembolism after traumatic brain injury. *Sem Thromb Hemo*, 39:541-8, 2013.

**50. Pommerening MJ, DuBose JJ, Zielinski MD, Phelan HA, Scalea TM, Inaba K, Velmahos GC, Wade CE, Whelan JF, Holcomb JB, Cotton BA for the AAST Open Abdomen Study Group.**

Time to first take-back surgery predicts successful primary fascial closure in patients undergoing damage control laparotomy. *Surgery* 156(2): 431-8, 2014.

51. Pastorek R, Cripps M, Bernstein IH, Scott WW, Madden C, Rickert K, Wolf SE, **Phelan HA.** The Modified Berne-Norwood criteria predict two tiers of risk for TBI progression. *J Neurotrauma*, 31: 1737-43, 2014.

52.**Phelan HA**, Richter AA, Scott WW, Madden CJ, Rickert KL, Wolf SE. Does isolated traumatic subarachnoid hemorrhage merit a lower level of intensity of observation than other TBI? *J Neurotrauma*, 31: 1733-6, 2014.

53. Wolf SE, **Phelan HA**, Arnoldo BD. “The year in burns 2013.” *Burns*40(8): 1421-32, 2014.

54. Duvall DB, Zhu X, Elliott AC, Wolf SE, Rhodes RL, Paulk ME, **Phelan HA**. Injury severity and comorbidities alone do not predict futility of care after geriatric trauma. *J Palliative Medicine* 18(3):246-50, 2015. PMID: 25494453PMCID: PMC4347887

55. Brown JB, Guyette FX, Neal MD, Claridge JA, Daley BJ, Harbrecht BG, Miller RS, **Phelan HA**, Afams PW, Early BJ, Peitzman AB, Billiar TR, Sperry JL. Taking the blood bank to the field: The design and rationale of the Prehospital Air Medical Plasma (PAMPer) Trial. *Prehosp Emerg Care,* 19(3):343-50, 2015.PMID: 25658881

56. Pommerening MJ, Goodman MD, Holcomb JB, Wade CE, Fox EE, Del Junco DJ, Brasel KJ, Bulger EM, Cohen MJ, Alarcon LH, Schreiber MA, Myers JG, **Phelan HA**, Muskat P, Rahbar M, Cotton BA on behalf of the PROMMTT study group. Clinical gestalt and the prediction of massive transfusion after trauma. *Injury,* 46(5): 807-13, 2015.PMID: 25682314

57. Zhao FZ, Wolf SE, Nakonezny PA, Minhajuddin A, Rhodes RL, Paulk ME, **Phelan HA**. [Estimating Geriatric Mortality after Injury Using Age, Injury Severity, and Performance of a Transfusion: The Geriatric Trauma Outcome Score.](http://www.ncbi.nlm.nih.gov/pubmed/25974408) *J Palliative Medicine*, 18(8):677-81, 2015. PMID: 25974408

58. Moore SE, Decker A, Hubbard A, Callcut RA, Fox EE, Del Junco DJ, Holcomb JB, Rahbar MH, Wade CE, Schreiber MA, Alarcon LH, Brasel KJ, Bulger EM, Cotton BA, Muskat P, Myers JG, **Phelan HA**, Cohen MJ. [Statistical Machines for Trauma Hospital Outcomes Research: Application to the PRospective, Observational, Multi-Center Major Trauma Transfusion (PROMMTT) Study.](http://www.ncbi.nlm.nih.gov/pubmed/26296088) PLoS One, 10(8):e0136438, 2015.PMID: 26296088

**59.** Bruns BR, DuBose J, Pasley J, Kheirbek T, Chouliaras K, Riggle A, Frank MK, **Phelan HA**, Holena D, Inaba K, Diaz J, Scalea TM. [Loop versus end colostomy reversal: has anything changed?](http://www.ncbi.nlm.nih.gov/pubmed/26037983) *Eur J Trauma Emerg Surg,* 41(5): 539-43, 2015.PMID: 26037983

60. Liu L, Cripps MW, Riggle AJ, Wolf SE, Nakonezny PA, **Phelan HA**. Establishing benchmarks for choledocholithiasis management in an urban safety net hospital: Analysis of 915 subjects. *American Journal of Surgery*, 210(6): 1132-9, 2015. PMID: 26489988

61.Riggle AJ, Cripps MW, Liu L, Subramanian M, Nakonezny PA, Wolf SE, **Phelan HA**. An analysis of omitting biliary tract imaging in 668 subjects admitted to an acute care surgery service with biochemical evidence of choledocholithiasis. *American Journal of Surgery*, 210(6): 1140-6, 2015. PMID: 26506555

62. Saeman MR, Hodgman EI, Burris A, Wolf SE, Arnoldo BD, Kowalske KJ, **Phelan HA**. Epidemiology and outcomes of pediatric burns over 35 years at Parkland Hospital. *Burns*, 42(1): 202-8, 2016. PMID: 26613626

63. Cook AC, Joseph B, Inaba K, Nakonezny PA, Bruns BR, Kerby JD, Brasel KJ, Wolf SE, Cuschieri J, Paulk ME, Rhodes RL, Brakenridge SC, **Phelan HA**. Multicenter external validation of the Geriatric Trauma Outcome Score: A study by the Prognostic Assessment of Life and LImitations After Trauma in the Elderly [PALLIATE] consortium. *J Trauma Acute Care Surg*. 2016 Feb;80(2):204-9. PMID: 26595708

64. Hodgman EI, Joseph B, Mohler J, Wolf SE, Paulk ME, Rhodes RL, Nakonezny PA, **Phelan HA**. 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. *J Trauma Acute Care Surg*. 2016; 81(1):168-72. PMID: 26885996.

65. Hodgman EI, Pastorek RA, Cripps MW, Bernstein IH, Wolf SE, Kowalske KJ, Arnoldo BD, **Phelan HA**. The Parkland Burn Center experience with 297 cases of child abuse from 1974 to 2010. *Burns*. 2016 Aug;42(5):1121-7. PMID: 27268012

66. Chopra A, Modrall JG, Knowles M, **Phelan HA**, Valentine RJ, Chung J. [Uncertain Patency of Covered Stents Placed for Traumatic Axillosubclavian Artery Injury.](https://www.ncbi.nlm.nih.gov/pubmed/27049785) *J Am Coll Surg.* 2016. 223(1): 174-83. PMID: 27049785

67. Orouji JT, Ibraheem K, Rhee P, Kulavatunyou N, Haider A, **Phelan HA**, Fain M, Mohler MJ, Joseph B. [Emergency general surgery specific frailty index: A validation study.](https://www.ncbi.nlm.nih.gov/pubmed/27257694) *J Trauma Acute Care Surg*. 2016 Aug;81(2):254-60. PMID: 27257694

68. Toosizadeh N, Joseph B, Heusser MR, OroujiJokar T, Mohler J, **Phelan HA**, Najafi B. Assessing Upper-Extremity Motion: An Innovative, Objective Method to Identify Frailty in Older Bed-Bound Trauma Patients. *J Am Coll Surg*. 2016 Aug;223(2):240-8. PMID: 27155751

69. Hodgman EI, Subramanian M, Arnoldo BD, **Phelan HA**, Wolf SE. Future Therapies in Burn Resuscitation. *Crit Care Clin*. 2016 Oct;32(4):611-9. PMID: 27600132

70. Partain NS, Subramanian M, Hodgman EI, Isbell CL, Wolf SE, Arnoldo BD, Kowalske KJ, **Phelan HA**. Characterizing End-of-Life Care after Geriatric Burns at a Verified Level I Burn Center. *J Palliat Med*. 2016 19(12):1275-80.PMID: 27626364

71. Joseph B, **Phelan HA**, Hassan A, Jokar TO, O'Keeffe T, Azim A, Gries L, Kulvatunyou N, Latifi R, Rhee P. The impact of frailty on failure-to-rescue in geriatric trauma patients: A prospective study. *J Trauma Acute Care Surg*. 2016 81(6):11505.PMID: 27602908

72. Ahl R, **Phelan HA**, Dogan S, Cao Y, Cook AC, Mohseni S. [Predicting In-Hospital and 1-Year Mortality in Geriatric Trauma Patients Using Geriatric Trauma Outcome Score.](https://www.ncbi.nlm.nih.gov/pubmed/28017806) *J Am Coll Surg*. 2017 Mar;224(3):264-269. PMID: 28017806

73. Bruns BR, Morris DS, Zielinski M, Mowery NT, Miller PR, Arnold K, **Phelan HA**, Murry J, Turay D, Fam J, Oh JS, Gunter OL, Enniss T, Love JD, Skarupa D, Benns M, Fathalizadeh A, Leung PS, Carrick MM, Jewett B, Sakran J, O'Meara L, Herrera AV, Chen H, Scalea TM, Diaz JJ. Stapled versus handsewn: A prospective emergency surgery study (SHAPES). An American Association for the Surgery of Trauma multi-institutional study. *J Trauma Acute Care Surg*. 2017 Mar;82(3):435-443. PMID: 28030492

74. Hodgman EI, Subramanian M, Wolf SE, Arnoldo BD, **Phelan HA**, Cripps MW, Abdel Fattah KR. [The Effect of Illicit Drug Use on Outcomes Following Burn Injury.](https://www.ncbi.nlm.nih.gov/pubmed/28009698) *J Burn Care Res*. 2017 Jan/Feb;38(1):e89-e94. PMID: 28009698

75. Joseph B, OroujiJokar T, Hassan A, Azim A, Mohler MJ, Kulvatunyou N, Siddiqi S, **Phelan HA**, Fain M, Rhee P. Redefining the association between old age and poor outcomes after trauma: The impact of frailty syndrome. *J Trauma Acute Care Surg*. 2017 Mar;82(3):575-581. PMID: 28225741

76. AbdelFattah KR, Edwards CR, Cripps MW, Minshall CT, **Phelan HA**, Minei JP, Eastman AL. Cannabis Use Has Negligible Effects Following Severe Traumatic Injury.

*J Trauma Nurs*. 2017 Mar/Apr;24(2):141-145. PMID: 28272189

77. Clark A, Neyra JA, Madni T, Imran J, **Phelan HA**, Arnoldo B, Wolf SE. Acute kidney injury after burn. *Burns.* 2017;43(5):898-908. PMID: 28412129

78. Madni TD, Ekeh AP, Brakenridge SC, Brasel KJ, Joseph B, Inaba K, Bruns BR, Kerby JD, Cuschieri J, Mohler MJ, Nakonezny PA, Clark A, Imran J, Wolf SE, Paulk ME, Rhodes RL, **Phelan HA.** A comparison of prognosis calculators for geriatric trauma: A P.A.L.LI.A.T.E. consortium study. *J Trauma Acute Care Surg.* 2017 Jul;83(1):90-96. PMID: 28422904

79. Hymel A, Asturias S, Zhao F, Bliss R, Moran T, Marshall RH, Benjamin E, **Phelan HA**, Krause PC, Marecek GS, Leonardi C, Stuke L, Hunt JP, Mooney JL. Selective vs Nonselective Embolization vs No Embolization in Pelvic Trauma: A Multicenter Retrospective Cohort Study. *J Trauma Acute Care Surg.* 2017 Sep;83(3):361-367. PMID: 28463936

80. Madni TD, Imran JB, Clark A, Arnoldo BA, **Phelan HA**, Wolf SE. Analysis of Operating Room Efficiency in a Burn Center. J Burn Care Res. 2018 Jan 1;39(1):89-93. PMID: 28481760

81. Madni TD, Nakonezny PA, Wolf SE, Joseph B, Mohler MJ, Imran JB, Clark A, Arnoldo BA, **Phelan HA**. The Relationship Between Frailty and the Subjective Decision to Conduct a Goals of Care Discussion With Burned Elders. J Burn Care Res. 2018;39(1):82-88. PMID: 28574881

82. Imran JB, Madni TD, Minshall CT, Mokdad AA, Subramanian M, Clark AT, **Phelan HA**, Cripps MW.Predictors of a histopathologic diagnosis of complicated appendicitis. *J Surg Res*. 2017 Jun 15;214:197-202. PMID: 28624044

83. Madni TD, Leshikar DE, Minshall CT, Nakonezny PA, Cornelius CC, Imran JB, Clark AT, Williams BH, Eastman AL, Minei JP, **Phelan HA**, Cripps MW. The Parkland grading scale for cholecystitis. Am J Surg. 2018 Apr;215(4):625-630. PMID: 28619262

84. Barron AU, Luk S, **Phelan HA**, Williams BH. Do acute-care surgeons follow best practices for breast abscess management? A single-institution analysis of 325 consecutive cases. *J Surg Res.* 2017 Aug;216:169-171. PMID: 28807202

85. Cook AC, Joseph B, Mohler MJ, Inaba K, Bruns BR, Nakonezny PA, Kerby JD, Brasel KJ, Wolf SE, Cuschieri J, Paulk ME, Rhodes RL, Brakenridge SC, Ekeh AP, **Phelan HA**. Validation of a Geriatric Trauma Prognosis Calculator: A P.A.L.Li.A.T.E. Consortium Study. J Am Geriatr Soc. 2017 Oct;65(10):2302-2307.PMID: 28804877

86. Haddad NN, Bruns BR, Enniss TM, Turay D, Sakran JV, Fathalizadeh A, Arnold K, Murry JS, Carrick MM, Hernandez MC, Lauerman MH, Choudhry AJ, Morris DS, Diaz JJ, **Phelan HA**, Zielinski MD; NSAIDs SHAPES Workgroup. Perioperative use of nonsteroidal anti-inflammatory drugs and the risk of anastomotic failure in emergency general surgery. J Trauma Acute Care Surg. 2017 Oct;83(4):657-661. PMID: 28930958

87. Perumean JC, Martinez M, Neal R, Lee J, Olajire-Aro T, Imran JB, Williams BH, **Phelan HA**. Low-grade blunt hepatic injury and benefits of intensive care unit monitoring. Am J Surg. 2017 Dec;214(6):1188-1192. PMID: 29079024

88. Hodgman EI, Cripps MW, Mina MJ, Bulger EM, Schreiber MA, Brasel KJ, Cohen MJ, Muskat PC, Myers JG, Alarcon LH, Rahbar MH, Holcomb JB, Cotton BA, Fox EE, Del Junco DJ, Wade CE, **Phelan HA**; PROMMTT Study Group. External Validation of a Smartphone App Model to Predict the Need for Massive Transfusion Using Five Different Definitions. J Trauma Acute Care Surg. 2018 Feb;84(2):397-402. PMID: 29200079

89. 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, McNutt M, **Phelan HA**, Smith K, Moore FO, Tabas I, Dubose J; AAST Multi-Institutional Trials Committee. 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 J Emerg Surg. 2018 Feb 5;13:8. PMID: 29441123

90.Hernandez MC, Bruns BR, Haddad NN, Lauerman M, Morris DS, Arnold K, **Phelan HA**, Turay D, Murry J, Oh JS, Enniss T, Carrick MM, Scalea TM, Zielinski MD. RESHAPES: Increasing AAST EGS grade is associated with anastomosis type. J Trauma Acute Care Surg. 2018 Jun;84(6):855-863.PMID: 29538224

91. Madni TD, Nakonezny PA, Imran JB, Clark AT, Cunningham HB, Hoopman JE, Arnoldo BD, Wolf SE, Kenkel JM, **Phelan HA**. Patient satisfaction after fractional ablation of burn scar with 2940nm wavelength Erbium-Yag laser. Burns. 2018 Aug;44(5):1100-1105.PMID: 29627130

92. Madni TD, Imran JB, Clark AT, Cunningham HB, Taveras L, Arnoldo BD, **Phelan HA**, Wolf SE. Prospective Evaluation of Operating Room Inefficiency. J Burn Care Res. 2018 Oct 23;39(6):977-981. PMID: 29659854

93. Cunningham HB, Scielzo SA, Nakonezny PA, Bruns BR, Brasel KJ, Inaba K, Brakenridge SC, Kerby JD, Joseph BA, Mohler MJ, Cuschieri J, Paulk ME, Ekeh AP, Madni TD, Taveras LR, Imran JB, Wolf SE, **Phelan HA**. Burn Surgeon and Palliative Care Physician Attitudes Regarding Goals of Care Delineation for Burned Geriatric Patients. J Burn Care Res. 2018 Oct 23;39(6):1000-1005. PMID: 29771351

94. Madni TD, Hoopman JE, Li X, Imran JB, Clark AT, Cunningham HB, Wolf SE, Kenkel JM, **Phelan HA**. Impact of a Laser Service Line for Burn Scar on a Dedicated Burn OR's Flow and Productivity. J Burn Care Res. J Burn Care Res. 2018 Aug 17;39(5):811-814. PMID:29789856

95. Sperry JL, Guyette FX, Brown JB, Yazer MH, Triulzi DJ, Early-Young BJ, Adams PW, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Witham WR, Putnam AT, Duane TM, Alarcon LH, Callaway CW, Zuckerbraun BS, Neal MD, Rosengart MR, Forsythe RM, Billiar TR, Yealy DM, Peitzman AB, Zenati MS; PAMPer Study Group. [Prehospital Plasma during Air Medical Transport in Trauma Patients at Risk for Hemorrhagic Shock.](https://www.ncbi.nlm.nih.gov/pubmed/30044935) N Engl J Med. 2018 Jul 26;379(4):315-326. PMID: 30044935

96. Ready FL, Gebremedhem YD, Worku M, Mehta K, Eshte M, GoldenMerry YL, Nwariaku FE, Wolf SE, **Phelan HA**. Epidemiologic shifts for burn injury in Ethiopia from 2001 to 2016: Implications for public health measures. Burns. 2018 Nov;44(7):1839-1843. PMID: 30072197

97. Clark AT, Li X, Kulangara R, Adams-Huet B, Huen SC, Madni TD, Imran JB, **Phelan HA**, Arnoldo BD, Moe OW, Wolf SE, Neyra JA. Acute Kidney Injury After Burn: A Cohort Study From the Parkland Burn Intensive Care Unit. J Burn Care Res. 2019 Jan 1;40(1):72-78. PMID: 30189043

98. Madni TD, Nakonezny PA, Barrios E, Imran JB, Clark AT, Taveras L, Cunningham HB, Christie A, Eastman AL, Minshall CT, Luk S, Minei JP, **Phelan HA**, Cripps MW. Prospective validation of the Parkland Grading Scale for Cholecystitis. Am J Surg. 2019 Jan;217(1):90-97. PMID: 30190078

99. Madni TD, Lu K, Imran JB, Clark AT, Hoopman JE, Kenkel JM, **Phelan HA**. Chronic burn wound treatment by Erbium: YAG fractional ablation: First described report and literature review. Burns. 2019 Feb;45(1):256-258. PMID: 30342793

100. Rosenthal J, Clark A, Campbell S, McMahon M, Arnoldo B, Wolf SE, **Phelan HA**. Effects of obesity on burn resuscitation. Burns. 2018 Dec;44(8):1947-1953. PMID: 30391062

101. Madni TD, Nakonezny PA, Imran JB, Taveras L, Cunningham HB, Vela R, Clark AT, Minshall CT, Eastman AL, Luk S, **Phelan HA**, Cripps MW. A comparison of cholecystitis grading scales. J Trauma Acute Care Surg. 2019 Mar;86(3):471-478. PMID: 30399131

102. Shoultz TH, Moore M, Reed MJ, Kaplan SJ, Bentov I, Hough C, Taitsman LA, Mitchell SH, So GE, Arbabi S, **Phelan HA**, Pham T. Trauma Providers' Perceptions of Frailty Assessment: A Mixed-Methods Analysis of Knowledge, Attitudes, and Beliefs. South Med J. 2019 Mar;112(3):159-163. PMID: 30830229

103. Cunningham HB, Scielzo SA, Nakonezny PA, Bruns BR, Brasel KJ, Inaba K, Brakenridge SC, Kerby JD, Joseph BA, Mohler MJ, Cuschieri J, Paulk ME, Ekeh AP, Madni TD, Taveras LR, Imran JB, Wolf SE, **Phelan HA**. Trauma Surgeon and Palliative Care Physician Attitudes Regarding Goals-of-Care Delineation for Injured Geriatric Patients. Am J Hosp Palliat Care 2019 Aug;36(8):669-674.PMID: 30614253

104. Madni TD, Nakonezny PA, Imran JB, Barrios E, Rizk P, Clark AT, Cunningham HB, Taveras L, Arnoldo BD, Cripps MW, **Phelan HA**, Wolf SE. Prospective Analysis of Operating Room and Discharge Delays in a Burn Center. J Burn Care Res 2019 Apr 26;40(3):281-286.PMID: 30816420

105: Pusateri AE, Moore EE, Moore HB, Le TD, Guyette FX, Chapman MP, Sauaia A, Ghasabyan A, Chandler J, McVaney K, Brown JB, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Witham WR, Putnam AT, Sperry JL. Association of Prehospital Plasma Transfusion With Survival in Trauma Patients With Hemorrhagic Shock When Transport Times Are Longer Than 20 Minutes: A Post Hoc Analysis of the PAMPer and COMBAT Clinical Trials. JAMA Surg. 2020 Feb 1;155(2):e195085. PMID: 31851290

106. Clark AT, Song J, Yao X, Carlson D, Huebinger RM, Mei Liu M, Madni TD, Imran JB, Taveras LR, Weis HB, Arnoldo BD, **Phelan HA**, Wolf SE. Muscle Homeostasis Is Disrupted in Burned Adults. J Burn Care Res. 2020 Jan 30;41(1):33-40. PMID: 31738430

107. Jeschke MG, **Phelan HA**, Wolf S, Romanowski K, Rehou S, Saetamal A, Weber J, Schulz J, New C, Wiktor A, Foster C, Deeter L, Tuohy K. State of the Science Burn Research: Burns in the Elderly. J Burn Care Res. 2020 Jan 30;41(1):65-83. PMID: 31999337

108. Gruen DS, Brown JB, Guyette FX, Vodovotz Y, Johansson PI, Stensballe J, Barclay DA, Yin J, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Neal MD, Zuckerbraun BS, Billiar TR, Sperry JL. Prehospital plasma is associated with distinct biomarker expression following injury. JCI Insight. 2020 Apr 23;5(8):e135350. PMID: 32229722

109. Gruen DS, Guyette FX, Brown JB, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA,** Yazer MH, Neal MD, Zuckerbraun BS, Sperry JL. Characterization of unexpected survivors following a prehospital plasma randomized trial. J Trauma Acute Care Surg. 2020 Nov;89(5):908-914. PMID: 32472902

110. Sim ES, Guyette FX, Brown JB, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Neal MD, Forsythe R, Zuckerbraun BS, Sperry JL. Massive transfusion and the response to prehospital plasma: It is all in how you define it. J Trauma Acute Care Surg. 2020 Jul;89(1):43-50. PMID: 32118820

111. Guyette FX, Sperry JL, Peitzman AB, Billiar TR, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, Putnam T, Duane TM, **Phelan HA**, Brown JB. Prehospital Blood Product and Crystalloid Resuscitation in the Severely Injured Patient: A Secondary Analysis of the Prehospital Air Medical Plasma Trial. Ann Surg. 2021 Feb 1;273(2):358-364. PMID: 30998533

112. Giaimo JD, Paulk KL, **Phelan HA**, Lau FH, Grieshaber EB, Carter JE. Remission of Pain From Frostbite and Erythromelalgia With Epidural Infusion of Ropivacaine: Results of a Two-Year Follow-Up. Am Surg. 2023;89(4):1060-1062. PMID: 33316170

113. Reitz KM, Gruen DS, Guyette F, Brown JB, Yazer MH, Vodovotz Y, Johanssen PI, Stensballe J, Daley B, Miller RS, Harbrecht BG, Claridge J, **Phelan HA**, Neal MD, Zuckerbraun BS, Sperry JL. Age of thawed plasma does not affect clinical outcomes or biomarker expression in patients receiving prehospital thawed plasma: a PAMPer secondary analysis. Trauma Surg Acute Care Open. 2021;6(1):e000648. PMID: 33634214

114. Canton SP, Lutfi W, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Guyette FX, Sperry JL, Brown JB. Lactate as a mediator of prehospital plasma mortality reduction in hemorrhagic shock. J Trauma Acute Care Surg. 2021;91(1):186-191. PMID: 33797485

115. Zimmermann CJ, Zelenski AB, Buffington A, Baggett ND, Tucholka JL, Weis HB, Marka N, Schoultz T, Kalbfell E, Campbell TC, Lin V, Lape D, Brasel KJ, **Phelan HA**, Schwarze ML. Best case/worst case for the trauma ICU: Development and pilot testing of a communication tool for older adults with traumatic injury. J Trauma Acute Care Surg. 2021;91(3):542-551. PMID: 34039930 PMCID: PMC8939782

116. Taylor GM, Barnett SA, Tuggle CT, Carter JE, **Phelan HA**. Outcomes for Hand Burns Treated With Autologous Skin Cell Suspension in 20% TBSA and Smaller Injuries. J Burn Care Res. 2021;42(6):1093-1096. PMID: 34143200

117. **Phelan HA**, Holmes Iv JH, Hickerson WL, Cockerell CJ, Shupp JW, Carter JE. Use of 816 Consecutive Burn Wound Biopsies to Inform a Histologic Algorithm for Burn Depth Categorization. J Burn Care Res. 2021;42(6):1162-1167. PMID: 34387313

118. Ladhani HA, Ho VP, Charbonnet CC, Sperry JL, Guyette FX, Brown JB, Daley BJ, Miller RS, Harbrecht BG, Phelan HA, Claridge JA; PAMPer Study Group. Dose-dependent association between blood transfusion and nosocomial infections in trauma patients: A secondary analysis of patients from the PAMPer trial. J Trauma Acute Care Surg. 2021;91(2):272-278. PMID: 34397951 PMCID: PMC8664092

119. Hrebinko KA, Sperry JL, Guyette FX, Brown JB, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Neal MD, Zuckerbraun BS, Yazer MH, Nicholson KJ. Evaluating the Cost-effectiveness of Prehospital Plasma Transfusion in Unstable Trauma Patients: A Secondary Analysis of the PAMPer Trial. JAMA Surg. 2021;156(12):1131-1139. PMID: 34550318 PMCID: PMC8459310

120. Wu J, Moheimani H, Li S, Kar UK, Bonaroti J, Miller RS, Daley BJ, Harbrecht BG, Claridge JA, Gruen DS, **Phelan HA**, Guyette FX, Neal MD, Das J, Sperry JL, Billiar TR. High Dimensional Multiomics Reveals Unique Characteristics of Early Plasma Administration in Polytrauma Patients With TBI. Ann Surg 2022;276(4):673-683. PMID: 35861072 PMCID: PMC9463104.

121. 2021 American Burn Association State and Future of Burn Science Working Group. Proceedings of the 2021 American Burn Association State and Future of Burn Science Meeting. J Burn Care Res. 2022; 43(6):1241-1259. PMID: 36181690

122. Wu J, Cyr A, Gruen DS, Lovelace TC, Benos PV, Das J, Kar UK, Chen T, Guyette FX, Yazer MH, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Zuckerbraun BS, Neal MD, Johansson PI, Stensballe J, Namas RA, Vodovotz Y, Sperry JL, Billiar TR; PAMPer study group. Lipidomic signatures align with inflammatory patterns and outcomes in critical illness. Nat Commun. 2022;13(1):6789. PMID: 36357394

123. Campwala I, Guyette FX, Brown JB, Yazer MH, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Eastridge B, Nirula R, Vercruysse GA, O'Keeffe T, Joseph B, Neal MD, Zuckerbraun BS, Sperry JL. Evaluation of critical care burden following traumatic injury from two randomized controlled trials. Sci Rep 2023 13(1):1106. PMID: 36670216

124. Deeb AP, Guyette FX, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, **Phelan HA**, Eastridge BJ, Joseph B, Nirula R, Vercruysse GA, Sperry JL, Brown JB. Time to early resuscitative intervention association with mortality in trauma patients at risk for hemorrhage. J Trauma Acute Care Surg 2023 94(4):504-512. PMID: 36728324 PMCID: PMC10038862

125. Deeb AP, Lu L, Guyette FX, Peitzman AB, Daley BJ, Miller RS, Harbrecht BG, **Phelan HA**, Sperry JL, Brown JB. Optimal Prehospital Crystalloid Resuscitation Volume in Trauma Patients at Risk for Hemorrhagic Shock. J Am Coll Surg 2023 Mar 28. doi: 10.1097/XCS.0000000000000695. Online ahead of print. PMID: 36975122

126. Kearns RD, Flores CA, Arledge F, Hargrove P, Prats R, Kanter J, Sittig K, Barrios J, **Phelan HA**, Carter JE.  [Development of Prepositioned Burn Care-Specific Disaster Resources for a Burn Mass Casualty Incident.](https://pubmed.ncbi.nlm.nih.gov/37095604/) J Burn Care Res. 2023 Apr 24:irad059. doi: 10.1093/jbcr/irad059. Online ahead of print. PMID: 37095604

**Complete pubmed Citations at:**

<http://www.ncbi.nlm.nih.gov/sites/myncbi/1N9GbocQbfE5b/bibliography/47793266/public/?sort=date&direction=ascending>

**CONSORTIUM AUTHORSHIPS**

1. Rahbar MH, Fox EE, del Junco DJ, Cotton BA, Podbielski JM, Matijevic N, Cohen MJ, Schreiber MA, Zhang J, Mirhaji P, Duran SJ, Reynolds RJ, Benjamin-Garner R, Holcomb JB, and the PROMMTT Investigators. Coordination and management of multicenter clinical studies in trauma: Experience from the PRospective Observational Multicenter Major Trauma Transfusion (PROMMTT) Study. *Resuscitation* 83:459-64, 2012.

2. Callcut RA, Cotton BA, Muskat P, Fox EE, Wade CE, Holcomb JB, Schreiber MA, Rahbar MH, Cohen MJ, Knudson MM, Brasel KJ, Bulger EM, Del Junco DJ, Myers JG, Alarcon LH, Robinson BR; PROMMTT Study Group. [Defining when to initiate massive transfusion: a validation study of individual massive transfusion triggers in PROMMTT patients.](http://www.ncbi.nlm.nih.gov/pubmed/23271078)*J Trauma Acute Care Surg*74(1):59-65, 2013.

3. del Junco DJ, Fox EE, Camp EA, Rahbar MH, Holcomb JB on behalf of the PROMMTT Study Group. Seven deadly sins in trauma outcomes research: An epidemiologic post-mortem for major causes of bias*. J Trauma Acute Care Surg* 75(1): S97-103, 2013.

4. DuBose J, Inaba K, Okoye O, Demetriades D, Scalea T, O'Connor J, Menaker J, Morales C, Shiflett T, Brown C, Copwood B; AAST Retained Hemothorax Study Group. [Development of posttraumatic empyema in patients with retained hemothorax: results of a prospective, observational AAST study.](http://www.ncbi.nlm.nih.gov/pubmed/22929504)*J Trauma Acute Care Surg* 73(3):752-7, 2012.

5. DuBose J, Inaba K, Demetriades D, Scalea TM, O'Connor J, Menaker J, Morales C, Konstantinidis A, Shiflett A, Copwood B; AAST Retained Hemothorax Study Group. [Management of post-traumatic retained hemothorax: a prospective, observational, multicenter AAST study.](http://www.ncbi.nlm.nih.gov/pubmed/22310111)*J Trauma Acute Care Surg* 72(1):11-22, 2012.

6. Cook MR, Holcomb JB, Rahbar MH, Fox EE, Alarcon LH, Bulger EM, Brasel KJ, Schreiber MA; PROMMTT Study Group.[An abdominal computed tomography may be safe in selected hypotensive trauma patients with positive Focused Assessment with Sonography in Trauma examination.](http://www.ncbi.nlm.nih.gov/pubmed/25805456)*Am J Surg*209(5):834-40, 2015. PMID: 25805456

7. Moren AM, Hamptom D, Diggs B, Kiraly L, Fox EE, Holcomb JB, Rahbar MH, Brasel KJ, Cohen MJ, Bulger EM, Schreiber MA; PROMMTT Study Group.[Recursive partitioning identifies greater than 4 U of packed red blood cells per hour as an improved massive transfusion definition.](https://www.ncbi.nlm.nih.gov/pubmed/26680135)J Trauma Acute Care Surg. 2015 Dec;79(6):920-4. PMID: 26680135

8. Chung KK, Coates EC, Smith DJ Jr, Karlnoski RA, Hickerson WL, Arnold-Ross AL, Mosier MJ, Halerz M, Sprague AM, Mullins RF, Caruso DM, Albrecht M, Arnoldo BD, Burris AM, Taylor SL, Wolf SE; Randomized controlled Evaluation of high-volume hemofiltration in adult burn patients with Septic shoCk and acUtekidnEy injury (RESCUE) Investigators.High-volume hemofiltration in adult burn patients with septic shock and acute kidney injury: a multicenter randomized controlled trial.Crit Care. 2017 Nov 25;21(1):289.PMID: 29178943

**BOOK CHAPTERS**

1. **Phelan HA**, Hunt JP. “Shock and Hypoperfusion States”. O’Leary (ed) *The PhysiologicBasis 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 PhysiologicBasis 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.

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

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.

16. Hudson H, **Phelan HA**. “Chemical Burns.” For Jong (ed). *Essential Burn care for Non-Burn Specialists*, Switzerland AG; Springer Nature, 2023.

17. Schoen J, **Phelan HA**. “Crush Injuries.” In: Velmahos, Degiannis, Doll. (ed). *Penetrating Trauma, A Practical Guide on Operative Technique and Peri-operative management;3ndt edition*. Heidelburg, London, New York: Springer; 2023.

18. Schoen J, **Phelan HA**. “Small and Large Bowel Injuries.” In: Velmahos, Degiannis, Doll. (ed). *Penetrating Trauma, A Practical Guide on Operative Technique and Peri-operative management; 3rd edition*. Heidelburg, London, New York: Springer; 2023.

19. Schoen J, **Phelan HA**. “Burns and Inhalation Injuries.” In: Velmahos, Degiannis, Doll. (ed). *Penetrating Trauma, A Practical Guide on Operative Technique and Peri-operative management;3rd edition*. Heidelburg, London, New York: Springer; 2023.

**e-PUBLICATIONS**

1.**Phelan HA.**

 1.Blunt pancreatic transection and distal pancreatectomy.

 <http://www.aast.org/Library/Image.aspx?cid=ca6c1edd-0d5d-47e3-b7c7-b1814f80e2b8>

2.**Phelan HA**. <http://www.vesalius.com/cfoli_frms.asp?VID=1308&StartFrame=1&tnVID=1309>

1.Chronic diaphragm injury and repair (cardiothoracic folios).

3. **Phelan HA**. <http://www.vesalius.com/cfoli_frms.asp?VID=1317&StartFrame=1&tnVID=1318>

 1. Strangulated femoral hernia with McVay repair (hernia folios)

4. **Phelan HA**. Acute Care Surgery (ACS) educational curriculum for the AAST – “Open pneumothorax” (2016), <http://www.aast.org/coursedetail/850c659f-186a-4bab-870b-e006b0f7d5aa>

5. Brown ZW, **Phelan HA**. ““Evaluating Quality of Evidence” *Scientific American Critical Care of the Surgical Patient*, (2017). <https://www.deckerip.com/products/critical-care-of-the-surgical-patient/table-of-contents/>

6. Bernal E, **Phelan HA**. “Treatment of Deep Burns”, *UpToDate*, Posted April 27, 2018. <https://www.uptodate.com/contents/treatment-of-deep-burns>

**INVITED PRESENTATIONS – LOCAL**

1. “The clinical aspects of alcoholic liver disease”, *Research Society on Alcoholism* Grand Rounds, New Orleans, LA, 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-SouthwesternMedicalCenter, Dept. of Surgery Grand Rounds, Dallas, TX 2008

15. “Pancreatic trauma.” UT-SouthwesternMedicalCenter, 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-SouthwesternMedicalCenter, 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

58. “Burn care for the Emergency Medicine Provider,” LSUHSC-NO Dept of Emergency Medicine Grand Rounds, NOLA 2020

59. “Misconceptions and rookie mistakes in clinical research,” UMC Burn Program Lecture Series, NOLA, 2020

60. “Updates in Geriatric Burns,” UMC Burn Program Lecture Series, NOLA, 2020

61. “Burn care in 2021: The Basics and Beyond,” LSUHSC-NO Division of Plastic Surgery Grand Rounds, NOLA 2021

62. “Providing patient-centered geriatric burn care,” LSUHSC-NO Division of Pulmonary Medicine Grand Rounds, NOLA 2021

63. “Burn care for the Rehab doctor,” LSUHSC-NO Division of PM&R Resident didactic lecture, NOLA, 2021

64. “Communication Instruments for Goals of Care Discussions in the ICU,” LSUHSC-NO Dept of Surgery Grand Rounds, NOLA, 2021

65. “Questions to ask before you start a research project,” LSU-New Orleans School of Pharmacy lecture, NOLA, 2021

66. Panel participant, New Orleans Prehospital Provider Injury Symposium, NOLA, 2021

67. “Turkey Friar Injuries: Facts and Prevention,” New Orleans Prehospital Provider Injury Symposium, NOLA, 2022

67. “Clinical research for beginners,” UMC burn education series, NOLA 2022

68. “Enzymatic Debridement of Burn Wounds,” New Orleans Prehospital Provider Injury Symposium, NOLA, 2023

69. Panel Participant, LSUHSC-NO MD/PhD Program, “Matching into a Clinical Specialty,” NOLA, 2023

70. “Research questions you were always afraid to ask,” Department of Surgery Grand Rounds, NOLA 2023

71. “Department of Surgery Research Update: Visions for the future” NOLA, 2023

72. Moderator and host, Department of Surgery Research Day, NOLA 2023

73. Moderator and host, Department of Surgery Cohn’s Society Research Day, NOLA 2023

74. “How to find the research project that’s right for you,” LSUHSC-NO Surgery Interest Group, NOLA 2023

**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."Quickshotpresentation, 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.“Traumasurgeon 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. “Use of a burn sepsis screening protocol results in lower antibiotic usage rates,” Podium presentation, Southern Region Burn Conference, virtual presentation, 2020\*

22. “The Tower of Babel in Burns- Developing A Burn Biopsy Algorithm for Burn Depth Analysis,” Podium presentation, Southern Region Burn Conference, virtual presentation, 2020

23. “Iterative refinement of a histologic algorithm for burn depth categorization
based on 1142 consecutive burn wound biopsies,” Podium presentation, Southern Region Burn Conference, NOLA, 2021

24. “Outcomes for 43 hand burns treated with 2:1 meshed and epidermal autografts when donor sites are abundant,” Podium presentation, Southern Region Burn Conference, NOLA, 2021 \*

25. “Histologic Changes of Skin Biopsies After Autologous Skin Cell Suspension,” Podium presentation, Southern Region Burn Conference, NOLA, 2021 \*

26. “A needs assessment of military burn care providers for educational gaps,” Abstract for submission to Southern Region 2023 Burn Conference, Birmingham, AL (deadline 06 July) \*

27. “Effects of autologous skin cell suspension on length of stay,” Abstract for submission to Southern Region 2023 Burn Conference, Birmingham, AL (deadline 06 July) \*

28. “BloodStopTM, a novel new topical hemostatic agent in burn care,” Abstract for submission to Southern Region 2023 Burn Conference, Birmingham, AL (deadline 06 July) \*

\*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-AMulticenter 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

69. Moderator, Elderly Care in Burn Injury session, *American Burn Association* annual meeting- Cancelled, 2020

70. “Goal setting after geriatric burn injury,” Podium presentation, *American Burn Association* annual meeting- Cancelled, 2020

71. “Outcomes for hand burns treated with autologous skin cell suspension in 20% TBSA and smaller injuries,” Podium presentation*, American Burn Association* annual meeting, 2021, virtual event \*

72. “The effects of the COVID-19 pandemic on implementation of a psychological distress screening program after burn injury,” Poster presentation, *American Burn Association* annual meeting, 2021, virtual event \*

73. “Use of a burn sepsis screening protocol results in lower antibiotic usage rates,” *American Burn Association* annual meeting, 2021, virtual event \*

74. “The effects of the COVID-19 pandemic on implementation of a psychological distress screening program after burn injury” *American Burn Association* annual meeting, 2021, virtual event \*

75. “Use of 816 consecutive burn wound biopsies to inform a histologic algorithm for burn depth categorization,” Podium presentation, *American Burn Association* annual meeting, 2021, virtual event

76. “Burn Injury at the Extremes of Age,” Podium presentation *ABA State and Future of the Science*, quadrennial meeting, 2021, NOLA

77. “Geriatric burn research,” Section leader. *ABA State and Future of the Science*, quadrennial meeting, 2021, NOLA

78. “The National Injury Research Database,” Poster presentation, *Military Health Sciences Research Symposium*, 2022, Orlando, FL \*

79. “Outcomes for 43 hand burns treated with 2:1 meshed and epidermal autografts when donor sites are abundant,” Podium presentation, *American Burn Association* annual meeting, 2022, Las Vegas, NV \*

80. "A Prospective Assessment of Hand Burns Treated with Sheet Graft vs 2:1 Autograft plus Autologous Skin Cell Suspension," Podium presentation, *American Burn Association* annual meeting, 2023, Dallas, TX \*

81. "Use of Autologous Skin Cell Suspension in the Treatment of Nonthermal Soft Tissue Injuries: A Case Series," Poster presentation, *American Burn Association* annual meeting, 2023, Dallas, TX \*

\*Denotes 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\*

\*Denotes corresponding author or primary mentor