

## STAR PUBLICATIONS - 2015

(FY 15 publications =162)

1. Pommerening MJ, DuBose JJ, Zielinski MD, Phelan HA, Scalea TM, Inaba K, Velmahos GC, Whelan JF, Wade CE, Holcomb JB, Cotton BA; **AAST Open Abdomen Study Group**. Time to first take-back operation predicts successful primary fascial closure in patients undergoing damage control laparotomy. *Surgery*. 2014;156:431-8.
2. **Menaker J**, Blumberg S, Wisner DH, Dayan PS, Tunik M, Garcia M, Mahajan P, Page K, Monroe D, Borgialli D, Kupperman N, Holmes JF. Use of the focused assessment with sonography for trauma (FAST) examination and its impact on abdominal computed tomography use in hemodynamically stable children with blunt torso trauma. *J Trauma Acute Care Surg*. 2014;77:427-32.
3. Low GM, Inaba K, Chouliaras K, Branco B, Lam L, Benjamin E, Menaker J, Demtriades D. The use of the anatomic 'zones' of the neck in the assessment of penetrating neck injury. *Am Surg*. 2014;80:970-4.
4. Borgialli DA, Ellison AM, Ehrlich P, Bonsu B, **Menaker J**, Wisner DH, Atabaki S, Olsen CS, Sokolove PE, Lillis K, Kupperman N, Holmes JF. "Association Between the Seat Belt Sign and Intra-abdominal Injuries in Children with Blunt Torso Trauma in Motor Vehicle Collisions *Acad Emerg Med*. 2014;21:1240-1248.
5. Zielinski MD<sup>1</sup>, Jenkins D, Cotton BA, Inaba K, Vercruysse G, Coimbra R, Brown CV, Alley DE, DuBose J, Scalea TM; **AAST Open Abdomen Study Group**. Adult respiratory distress syndrome risk factors for injured patients undergoing damage-control laparotomy: AAST multicenter post hoc analysis. *J Trauma Acute Care Surg*. 2014;77:886-9.
6. Adelgais KM, Kuppermann N, Kooistra J, Garcia M, Monroe DJ, Mahajan P, **Menaker J**, Ehrlich P, Atabaki S, Page K, Kwok M, Holmes JF. Accuracy of the Abdominal Examination for Identifying Children with Blunt Intra-Abdominal Injuries. *J Pediatr*. 2014; 165:1230-1235.
7. DuBose JJ, Savage SA, Fabian TC, **Menaker J**, Scalea TM, Holcomb JB, et al. The American Association for the Surgery of Trauma PROspective Observational Vascular Injury Treatment (PROOVIT) registry: Multicenter data on modern vascular injury diagnosis, management, and outcomes. *J Trauma Acute Care Surg* 2015;78:215–223.
8. Mackenzie CF, Gao C, Hu PF, Anazodo A, Chen H, Dinardo T, Imle PC, Hartsky L, Stephens C, **Menaker J**, Fouche Y, Murdock K, Galvagno S, Alcorta R, Shackelford S; ONPOINT Study Group. Comparison of Decision-Assist and Clinical Judgment of Experts for Prediction of Life Saving Interventions. *Shock*. 2014;43:238-43.
9. Saksobhavit N, Shanmuganathan K, Chen HH, DuBose JJ, Richard H, Khan MA, **Menaker J**, Mirvis SE, Scalea TM. Blunt splenic injury: Use of a multidetector CT-based

splenic injury grading system and clinical parameters for triage of patients at admission. *Radiology*. 2015;274:702-11

10. Inaba K, Nosanov L, **Menaker J**, Bosarge P, Williams L, Turay D, Cachecho R, de Moya M, Bukur M, Carl J, Kobayashi L, Kaminski S, Beekley A, Gomez M, Skiada D; AAST TL-Spine Multicenter Study Group. Prospective derivation of a clinical decision rule for thoracolumbar spine evaluation after blunt trauma: An American Association for the Surgery of Trauma Multi-Institutional Trials Group Study. *J Trauma Acute Care Surg*. 2015;78:459-67.
11. Anazodo AN, Murthi SB, Frank MK, Hu PF, Hartsky L, Imle PC, Stephens CT, **Menaker J**, Miller C, Dinardo T, Pasley J, Mackenzie CF. Assessing trauma care provider judgment in the prediction of need for life-saving interventions. *Injury*. 2015;46(5):791-7.
12. Wisner DH, Kuppermann N, Cooper A, **Menaker J**, Ehrlich P, Kooistra J, Mahajan P, Lee L, Cook LJ, Yen K, Lillis K, Holmes JF. Management of children with solid organ injuries after blunt torso trauma. *J Trauma Acute Care Surg*. 2015;79:206-14.
13. Dreizin D, **Menaker J**, Scalea TM. Extracorporeal membranous oxygenation (ECMO) in polytrauma: what the radiologist needs to know. *Emerg Radiol*. 2015 Jun 6. [Epub ahead of print]
14. Ginsberg Z, **Menaker J**. Trauma resuscitation: The use of blood and blood products. *Trauma Reports*. July/Aug 2014;15(4):1-11.
15. Uzcategui M, **Menaker J**. Blunt Pelvic Trauma. *Trauma Reports* Nov/Dec 2014;15(6):1-10.
16. Boswell K, **Menaker J**. Assessment and treatment of the trauma patient in shock. *Emerg Med Clin North Amer*. 2014;32:777-795.
17. **Menaker J**. Emergency Department Thoracotomy. *The Shock Trauma Manual of Operative Techniques*. Ed Scalea TM. Springer 2015.
18. Bordt, E.A. and **Polster, B.M.** (2014) NADPH Oxidase- and Mitochondria-derived Reactive Oxygen Species in Proinflammatory Microglial Activation: A Bipartisan Affair? *Free Radic Biol Med* 76: 34-46.
19. **Polster, B.M.**, Nicholls, D.G., Ge, S.X., and Roelofs, B.A. (2014) Use of Potentiometric Fluorophores in the Measurement of Mitochondrial Reactive Oxygen Species. *Methods in Enzymology* 547: 225-50.
20. Liu, W.J., Bhalla, K., Thompson, K., Anders, L., Devarakonda, S., Dewi, R., Buckley, S., Hwang, B.J., **Polster, B.**, Dorsey, S.G., Sun, Y., Sicinski, P., and Girnun, G.D. (2014)

Cyclin D1 Represses Gluconeogenesis via Inhibition of the Transcriptional Coactivator PGC1 $\alpha$ . *Diabetes* 63: 3266-3278.

21. Kahraman, S., Siegel, A., **Polster, B.M.**, and Fiskum, G. (2015) Permeability transition pore-dependent and PARP-mediated depletion of neuronal pyridine nucleotides during anoxia and glucose deprivation. *J Bioenerg and Biomembr* 47: 53-61.
22. Bol, G.M., Vesuna, F., Xie, M., Zeng, J., Aziz, K., Gandhi, N., Levine, A., Irving, A., Korz, D., Tantravedi, S., Heerma van Voss, M.R., Gabrielson, K., Bordt, E.A., **Polster, B.M.**, Cope, L., van der Groep, P., Kondaskar, A., Rudek, M.A., Hosmane, R.S., van der Wall, E., van Diest, P.J., Tran, P.T., and Raman, V. (2015) Targeting DDX3 with a small molecule inhibitor for lung cancer therapy. *EMBO Mol Med* 7:648-69.
23. Jaber, S. and **Polster, B.M.** (2015) Idebenone and Neuroprotection: Antioxidant, Pro-oxidant, or Electron Carrier? *J Bioenerg and Biomembr* 47: 111-8.
24. Loane DJ, Stoica BA, Faden AI. Neuroprotection for traumatic brain injury. *Handb Clin Neurol.* 2015;127:343-66. doi: 10.1016/B978-0-444-52892-6.00022-2. PubMed PMID: 25702227.
25. He X, Lakkaraju SK, Hanscom M, Zhao Z, Wu J, Stoica B, MacKerell AD Jr, Faden AI, Xue F. Acyl-2-aminobenzimidazoles: a novel class of neuroprotective agents targeting mGluR5. *Bioorg Med Chem.* 2015 May 1;23(9):2211-20. doi: 10.1016/j.bmc.2015.02.054. Epub 2015 Mar 6. PubMed PMID: 25801156.
26. Zhao Z, Sabirzhanov B, Wu J, Faden AI, Stoica BA. Voluntary Exercise Preconditioning Activates Multiple Antiapoptotic Mechanisms and Improves Neurological Recovery after Experimental Traumatic Brain Injury. *J Neurotrauma.* 2015 May 7. [Epub ahead of print] PubMed PMID: 25419789.
27. Lakkaraju SK, Mbatia H, Hanscom M, Zhao Z, Wu J, Stoica B, MacKerell AD Jr, Faden AI, Xue F. Cyclopropyl-containing positive allosteric modulators of metabotropic glutamate receptor subtype 5. *Bioorg Med Chem Lett.* 2015 Jun 1;25(11):2275-9. doi: 10.1016/j.bmcl.2015.04.042. Epub 2015 Apr 20. PubMed PMID: 25937015.
28. Lipinski MM, Wu J, Faden AI, Sarkar C. Function and Mechanisms of Autophagy in Brain and Spinal Cord Trauma. *Antioxid Redox Signal.* 2015 Apr 28. [Epub ahead of print] PubMed PMID: 25808205.
29. Liu S, Sarkar C, Dinizo M, Faden AI, Koh EY, Lipinski MM, Wu J. Disrupted autophagy after spinal cord injury is associated with ER stress and neuronal cell death. *Cell Death Dis.* 2015 Jan 8;6:e1582. doi: 10.1038/cddis.2014.527. PubMed PMID: 25569099.
30. Faden AI, Wu J, Stoica BA, Loane DJ. Progressive inflammation-mediated neurodegeneration after traumatic brain or spinal cord injury. *Br J Pharmacol.* 2015 May 4. doi: 10.1111/bph.13179. [Epub ahead of print] PubMed PMID: 25939377.

31. Faden AI, Loane DJ. Chronic neurodegeneration after traumatic brain injury: Alzheimer disease, chronic traumatic encephalopathy, or persistent neuroinflammation? *Neurotherapeutics*. 2015 Jan;12(1):143-50. doi: 10.1007/s13311-014-0319-5. PubMed PMID: 25421001; PubMed Central PMCID: PMC4322076.
32. Sabirzhanov B, Zhao Z, Stoica BA, Loane DJ, Wu J, Borroto C, Dorsey SG, Faden AI. Downregulation of miR-23a and miR-27a following experimental traumatic brain injury induces neuronal cell death through activation of proapoptotic Bcl-2 proteins. *J Neurosci*. 2014 Jul 23;34(30):10055-71. doi: 10.1523/JNEUROSCI.1260-14.2014. PubMed PMID: 25057207; PubMed Central PMCID: PMC4107397.
33. Loane DJ, Stoica BA, Tchantchou F, Kumar A, Barrett JP, Akintola T, Xue F, Conn PJ, Faden AI. Novel mGluR5 positive allosteric modulator improves functional recovery, attenuates neurodegeneration, and alters microglial polarization after experimental traumatic brain injury. *Neurotherapeutics*. 2014 Oct;11(4):857-69. doi: 10.1007/s13311-014-0298-6. PubMed PMID: 25096154; PubMed Central PMCID: PMC4391388.
34. Aungst SL, Kabadi SV, Thompson SM, Stoica BA, Faden AI. Repeated mild traumatic brain injury causes chronic neuroinflammation, changes in hippocampal synaptic plasticity, and associated cognitive deficits. *J Cereb Blood Flow Metab*. 2014 Jul;34(7):1223-32. doi: 10.1038/jcbfm.2014.75. Epub 2014 Apr 23. PubMed PMID: 24756076; PubMed Central PMCID: PMC4083389.
35. Skopin MD, Kabadi SV, Viechweg SS, Mong JA, Faden AI. Chronic decrease in wakefulness and disruption of sleep-wake behavior after experimental traumatic brain injury. *J Neurotrauma*. 2015 Mar 1;32(5):289-96. doi: 10.1089/neu.2014.3664. Epub 2014 Dec 17. PubMed PMID: 25242371; PubMed Central PMCID: PMC4348369.
36. Wu J, Zhao Z, Sabirzhanov B, Stoica BA, Kumar A, Luo T, Skovira J, Faden AI. Spinal cord injury causes brain inflammation associated with cognitive and affective changes: role of cell cycle pathways. *J Neurosci*. 2014 Aug 13;34(33):10989-1006. doi: 10.1523/JNEUROSCI.5110-13.2014. PubMed PMID: 25122899; PubMed Central PMCID: PMC4131014.
37. Kabadi SV, Faden AI. Selective CDK inhibitors: promising candidates for future clinical traumatic brain injury trials. *Neural Regen Res*. 2014 Sep 1;9(17):1578-80. doi: 10.4103/1673-5374.141779. Review. PubMed PMID: 25368642; PubMed Central PMCID: PMC4211197.
38. Stocchetti N, Taccone FS, Citerio G, Pepe PE, Le Roux PD, Oddo M, Polderman KH, Stevens RD, Barsan W, Maas AI, Meyfroidt G, Bell MJ, Silbergleit R, Vespa PM, Faden AI, Helbok R, Tisherman S, Zanier ER, Valenzuela T, Wendon J, Menon DK, Vincent JL. Neuroprotection in acute brain injury: an up-to-date review. *Crit Care*. 2015 Apr 21;19:186. doi: 10.1186/s13054-015-0887-8. PubMed PMID: 25896893; PubMed Central PMCID: PMC4404577.

39. K Colton, S Yang, **PF Hu**, HH Chen, B Bonds, TM Scalea, DM Stein. Intracranial pressure response after pharmacologic treatment of intracranial hypertension. *J Trauma Acute Care Surg.* 2014 Jul;77(1):47-53;PMID: 24977754
40. K Colton, S Yang, **PF Hu**, HH Chen, LG Stansbury, TM Scalea, DM Stein. Responsiveness to therapy for increased intracranial pressure in traumatic brain injury is associated with neurological outcome. *Journal of Injury JINJ-D-14-00698R1* (Accepted Aug 28,2014, Online Sep 09,2014)
41. C Mackenzie, C Gao, **PF Hu**, A Anazodo, H Chen, T Dinardo, PC Imle, L Hartsy, C Stephens, J Menaker, Y Fouche, K Murdock, S Galvagno, R Alcorta, S Shackelford Comparison of decision-assist and clinical judgment of experts for prediction of life saving interventions. *Journal of Shock* 2014 Nov 26. [Epub ahead of print] PMID: 25394243
42. A Anazodo, S Murthi, K Frank, **PF Hu**, L Hartsy, PC Imle, C Stephens, J Menaker, C Miller, J Pasley, C Mackenzie. Assessing Trauma-Care Provider Judgment in the Prediction of Need for Life-Saving Interventions. *Journal of Injury.* Nov 18,2014 [Epub ahead of print] PMID: 25541418
43. K Colton, S Yang, **PF Hu**, HH Chen, B Bonds, LG Stansbury, TM Scalea, DM Stein Pharmacologic Treatment Reduces Pressure Times Time Dose and Relative Duration of Intracranial Hypertension. *Journal of Intensive Care Medicine* (online Oct 15,2014)
44. K. Kalpakis, S. Yang, **P.F. Hu**, C. F. Mackenzie, L.G. Stansbury, D.M. Stein, T.M. Scalea, Permutation entropy analysis of vital signs data for outcome prediction of patients with severe traumatic brain injury, *Computers in Biology and Medicine*, 2015 Jan;56:167-74. PMID: 25464358
45. Galvagno SM, **Hu P**, Yang S, Gao C, Hanna D, Shackelford S, Mackenzie CF. Accuracy of continuous noninvasive hemoglobin monitoring for the prediction of blood transfusions in trauma patients. *J Clin Monit Comput* 2015; accepted for publication on 23 Feb 2015. PMID: 25753142
46. Shackelford S, Yang S, **Hu P**, Miller C, Anazodo A, Galvagno S, Wang Y, Hartsy L, Fang R, Mackenzie C. Predicting blood transfusion using automated analysis of pulse oximetry signals and lab values. *J Trauma Acute Care Surg.* 2015; accepted for publication on 7 Apr 2015.
47. Bonds BW, Yang S, Hu PF, Kalpakis K, Stansbury LG, Scalea TM, Stein DM. Predicting secondary insults after severe traumatic brain injury. *J Trauma Acute Care Surg.* 2015 Jul;79(1):85-90. PMID: 26091319
48. Rabin J, Harris DG, Crews GA, Ho M, Taylor BS, Sarkar R, O'Connor JV, **Scalea TM**, Crawford RS. Early aortic repair worsens concurrent traumatic brain injury. *Annals of Thoracic Surgery.* 98:46-52, 2014.

49. Bruns BR, Tesoriero R, Kufera J, Sliker C, Laser A, **Scalea TM**, Stein DM. Blunt cerebrovascular injury screening guidelines – What are we willing to miss? *Journal of Trauma and Acute Care Surgery*. 76(3), 691-695, 2014.
50. Galvagno S, DuBose J, Grissom T, Fang R, Smith R, Bebarta V, Shackelford S, **Scalea TM**. The epidemiology of critical care air transport team operations in contemporary warfare. *Military Medicine*. 179:612:618, 2014.
51. Bradley M, Galvagno S, Dhanda A, Rodriguez C, Lauerman M, DuBose J, **Scalea T**, Stein D. Damage control resuscitation protocol and the management of open abdomens in trauma patients. *The American Surgeon*. 80:768:775, 2014.
52. Brenner M, Hoehn M, Pasley J, DuBose J, Stein D, **Scalea T**. Basic endovascular skills for trauma course: Bridging the gap between endovascular techniques and the acute care surgeon. *The Journal of Trauma and Acute Care Surgery*. 77:286-291, 2014.
53. Scalea JR, Scurci S, Danquah J, Sarkar R, O'Connor J, Crawford R, **Scalea TM**. Below the knee arterial injury (BKAI): The type of vessel may be more important than the number of vessels injured. *Journal of Trauma and Acute Care Surgery*. 77(6):920-925, 2014.
54. Baraniuk S, Tilley BC, del Junco DJ, Fox EE, van Belle G, Wade CE, Podbielski JM, Beeler AM, Hess JR, Bulger EM, Schreiber MA, Inaba K, Fabian TC, Kerby JD, Cohen MJ, Miller CN, Rizoli S, **Scalea TM**, O'Keeffe T, Brasel JK, Cotton BA. Pragmatic randomized optimal platelet and plasma rations (PROPPR) Trial: design, rationale and implementation. *Injury*. 45(9):1287-1295, 2014.
55. O'Connor JV, DuBose JJ, **Scalea TM**. Damage control thoracic surgery: Management and outcomes. *J Trauma Acute Care Surg* 77:660-665, 2014.
56. **Scalea TM**, Carco D, Reece M, Fouche YL, Pollak AN, Nagarkatti SS. Effect of a novel financial incentive program on operating room efficiency. *JAMA Surgery* 149:920-924, 2014
57. Scalea JR, Crawford R, Scurci S, Danquath J, Sarkar R, Kufera J, O'Connor J, **Scalea TM**. Below the knee arterial injury: The type of vessel may be more important than the number of vessels injured. *J Trauma and Acute Care Surgery*. 77:920-925, 2014.
58. Steinhardt JJ, Peroutka RJ, Mazan-Mamczarz K, Chen Q, Houg S, Robles C, Barth R, DuBose J, Bruns B, Tesoriero R, Stein D, Fang R, Jones K, Hanna N, Pasley J, Rodriguez C, Kligman D, Bradley M, Rabin J, Shackelford S, Dai B, Landon AL, **Scalea T**, Livak F, Garterhous RB. Inhibiting CARD11 translation during BCR activation by targeting the eIF4A RNA helicase. *Blood*. 124:3758-3767, 2014.
59. Fox N, Schwartz D, Salazar JH, Haut ER, Dahm P, Black JH, Brakenridge SC, Como JJ, Hendershot K, King DR, Maung AA, Moorman ML, Nagy K, Petrey LB, Tesoriero R,

- Scalea TM**, Fabian TC. Evaluation and management of blunt traumatic aortic injury: A practice management guideline from the Eastern Association for the Surgery of Trauma. *J Trauma and Acute Care Surgery*. 78:136-146, 2015.
60. Fox N, Schwartz D, Salazar JH, Haut ER, Dahm P, Black JH, Brackenridge SC, Como JJ, Hendershot K, King DR, Maung AA, Moorman ML, Nagy K, Petrey LB, Tesoriero R, Scalea TM, Fabian TC. Evaluation and management of blunt traumatic aortic injury: A practice management guideline for the Eastern Association for the Surgery of Trauma. *Journal of Trauma Nursing*. 22(2): 99-110, Mar-Apr 2015.
61. Brenner M, Hoehn M, Stein DM, Rasmussen TE, **Scalea, TM**. Central pressurized cadaver model (CPCM) for resuscitative endovascular balloon occlusion of the aorta training and device testing. *J Trauma Acute Care Surgery*. 78:197-200, 2015.
62. Holcomb JB, Tilley BC, Baraniuk S, Fox EE, Wade CE, Podbielski JM, del Junco DJ, Brasel KJ, Bulger EM, Callcut RA, Cohen MJ, Cotton BA, Fabian TC, Inaba K, Kerby JD, Muskat P, O’Keeffe T, Rizoli S, Robinson BRH, **Scalea TM**, Schreiber MA, Stein DM, Weinberg JA, Callum JL, Hess JR, Matijevic N, Miller CN, Pittet J-F, Hoyt DB, Pearson GD, Leroux B, van Belle G for the PROPPR Study Group. Transfusion of plasma, platelets, and red blood cells in a 1:1:1 vs. a 1:1:2 ratio and mortality in patients with severe trauma: The PROPPR Randomized Clinical Trial. *JAMA*. 313(5):471-482, 2015.
63. Harris DG, Rabin J, Kufera JA, Taylor BS, Sarkar R, O’Connor JV, **Scalea TM**, Crawford RS. A new aortic injury score predicts early rupture more accurately than clinical assessment. *Journal of Vascular Surgery*. 61(2);332-338, 2015.
64. DuBose JJ, Leake SS, Brenner M, Pasley J, O’Callaghan T, Luo-Owen X, Trust MD, Mooney J, Zhao FZ, Azizzadeh A, and the **Aortic Trauma Foundation**. Contemporary management and outcomes of blunt thoracic aortic injury: A multicenter retrospective study. *J Trauma Acute Care Surgery*. 78;(2);360-369, 2015.
65. Inaba K, Nosanov L, Menaker J, Bosarge P, Williams L, Turay D, Cachecho R, de Moya M, Bukur M, Carl J, Kobayashi L, Kaminski S, Beekley A, Gomez M, Skiada D, and the **AAST TL-Spine Multicenter Study Group**. Prospective derivation of a clinical decision rule for thoracolumbar spine evaluation after blunt trauma: An American Association for the Surgery of Trauma Multi-Institutional Trials Group Study. *Journal of Trauma and Acute Care Surgery*. 78:459-467, 2015.
66. Zarzaur BL, Kozar R, Myers JG, Claridge JA, **Scalea TM**, Neideen T, Maung AA, Alarcon L, Corcos A, Kerwin AJ, Coimbra R. The splenic injury outcomes trial: An American Association for the Surgery of Trauma Multi-Institutional Study. *Journal of Trauma and Acute Care Surgery*. Accepted. JT-D-14-02988R2, 2015.
67. Harris DG, Koo G, McCrone MP, Welz AS, Chiu WC, Sarkar R, **Scalea TM**, Diaz JJ, Lissauer ME, Crawford, RS. Acute kidney injury in critically ill vascular surgery patients is common and associated with increased mortality. *Frontiers in Surgery*. In

Press. 2296-875X

68. Hu P, Chen SY, Stansbury LG, Chang CI, DuBose JB, **Scalea TM**, Mackenzie CF. Are there optimal pre-hospital vital signs predicting immediate transfusion? Importance of 3-D ROC age and gender. *Injury*. Submitted
69. Reilly P, Murthi SB, Markandaya M, Fang R, Hong CM, Galvagno SM, Lissauer ME, Stansbury LG, **Scalea TM**. Focused comprehensive, quantitative, functionally-based echocardiographic evaluation in the critical care unit is feasible and impacts care. *Military Medicine*. Supplement, 74-79, 2015.
70. Harris DG, McCrone MP, Koo G, Weltz AS, Chiu WC, **Scalea TM**, Diaz JJ, Lissauer ME. Sepsis/Acute kidney injury: epidemiology and outcomes of acute kidney injury in critically ill surgical patients. *Journal of Critical Care*. 2015;30;102-106.
71. Shiber J, Fontane E, Rabinowitz R, Gens D, Habashi N, **Scalea T**. Incomplete Lemierre syndrome. *Pediatric Emergency Care*. 31:39-41, 2015.
72. Zahoor BA, **Scalea TM**, Noorbakhsh MR and Bruns BR. Penetrating cardiac injury as the result of pre-hospital needle decompression. *Heart, Lung and Circulation*. 2015. Volume 24, Supplement 1. e69-72.
73. Lauerman MH, Feeney T, Sliker CW, Saksobhavit N, Bruns BR, Laser A, Tesoriero R, Brenner M, **Scalea TM**, Stein DM. Lethal now or lethal later: The natural history of Grade 4 blunt cerebrovascular injury. *Journal of Trauma and Acute Care Surgery*. 78(6); 1071-1075, 2015.
74. Jacobs MJ and **the Joint Committee to Create a National Policy to Enhance Survivability from Intentional Mass-Casualty and Active Shooter Events**. The Hartford Consensus III: Implementation of Bleeding Control. V100 No 7 BULLETIN American College of Surgeons, 2015.
75. Bruns BR, Tesoriero R, Narayan M, Klyushnenkova EN, Chen H, **Scalea TM**, Diaz JJ. Emergency general surgery: Defining burden of disease in the State of Maryland. *The American Surgeon*. 81:829-834, 2015.
76. Steinhardt, J; Peroutka, R; Mazan-Mamczarz, K; Chen, Q; Houg, S; Robles, C; Barth, R; DuBose, J; **Bruns, B**; Tesoriero, R; Stein, D; Fang, R; Jones, K; Hanna, N; Pasley, J; Rodriguez, C; Kligman, M; Bradley, M; Rabin, J; Shackelford, S; Dai, B; Landon, A; Scalea, T; Livak, F; Gartenhaus, R. Inhibiting CARD11 Translation During BCR Activation by Targeting the eIF4A RNA Helicase. *Blood*. 2014. Dec;124(25):3758-67.
77. **Bruns, BR**; DuBose, J; Pasley, J; Kheirbek, T; Chouliaras, K; Riggle, A; Frank, KM; Phelan, HA; Holena, D; Inaba, K; Diaz, J; Scalea, TM. Loop versus End Colostomy Reversal: Has Anything Changed? *European Journal of Trauma and Emergency Surgery*. 2014. Sep. DOI 10.1007/s00068-014-0444-1.

78. Narayan, M; Tesoriero, R; **Bruns, BR**; Klyushnenkova, EN; Chen, H; Diaz, JJ. Acute Care Surgery: Defining Mortality in Emergency General Surgery in the State of Maryland. *Journal of the American College of Surgeons*. 2015. Apr;220(4):762-770.
79. Lauerman, ML; Feeney, T; Sliker, CW; Saksobhavit, N; **Bruns, BR**; Laser, A; Tesoriero, R; Breneer, M; Scalea, TM; Stein, DM. Lethal Now or Lethal Later: The Natural History of Grade IV Blunt Cerebrovascular Injury. *The Journal of Trauma and Acute Care Surgery*. 2015. June;78(6):1071-1075.
80. Laser, A; **Bruns, BR**; Kufera, JA; Tesoriero, R; Sliker, CW; Scalea, TM; Stein, DM. Initial Screening Test for Blunt Cerebrovascular Injury: Validity Assessment of Whole-Body CT. *Surgery*. 2015. June 8. Doi: 10.1016/j.surg.2015.03.063. [Epub ahead of print]
81. **Bruns, BR**; Lissauer, M; Tesoriero, R; Narayan, M; Buchanan, L; Galvagno, SM; Diaz, JJ. Infectious Complications and Mortality in an American Acute Care Surgical Service. *European Journal of Trauma and Emergency Surgery*. 2015. In press. Epub 19 May 2015.
82. **Bruns, BR**; Tesoriero, R; Narayan, M; Lauerman, M; Klyushnenkova, EN; Chen, H; Scalea, TM; Diaz, JJ. Emergency General Surgery: Defining Burden of Disease in the State of Maryland. *The American Surgeon*. Aug;81(8):829-34.
83. Nable JV, Margolis AM, Lawner BJ, Hirshon JM, Perricone AJ, Galvagno SM, Lee D, Millin MG, Bissell RA, Alcorta RL. Comparison of prediction models for use of medical resources at urban auto-racing events. *Prehosp Disaster Med* 26:1-6, September 2014 [Epub ahead of print].
84. Risko N, Anderson D, Golden B, Wasil E, Barrueto F, Pimentel L, Hirshon JM. The impact of electronic health record implementation on emergency physician efficiency and patient throughput. *Healthcare: The Journal of Delivery Science and Innovation* 3(2):201-204, September 2014.
85. Furuno JP, Comer AC, Johnson JK, Rosenberg JH, Moore SL, MacKenzie TD, Hall KK, Hirshon JM. Using antibiograms to improve antibiotic prescribing in skilled nursing facilities. *Infect Control Hosp Epidemiol* 35(suppl 3):S56-S61, October 2014.
86. Albrecht JS, Gruber-Baldini AL, Hirshon JM, Brown CH, Goldberg R, Rosenberg JH, Comer AC, Furuno JP. Hospital discharge instructions: comprehension and compliance among older adults. *J Gen Intern Med* 29(11):1491-1498, November 2014 [Epub 2014 Jul 12].
87. El-Shinawi M, McCunn M, Sisley AC, El-Setouhy M, Hirshon JM. Developing Sustainable Trauma Care Education in Egypt: Sequential Trauma Education Program, Steps to Success. *J Surg Educ*. 2015 Jul-Aug;72(4):e29-32.

88. Widener MJ, Ginsberg Z, Schleith D, Floccare DJ, Hirshon JM, Galvagno S. Ground and Helicopter Emergency Medical Services Time Tradeoffs Assessed with Geographic Information. *Aerosp Med Hum Perform*. 2015 Jul;86(7):620-7
89. Elboray S, Elawdy MY, Dewedar S, Elezz NA, El-Setouhy M, Smith GS, Hirshon JM. Knowledge, Attitudes, and Practices of Family Physicians and Nurses Regarding Unintentional Injuries among Children under 15 Years in Cairo, Egypt. *Int J Inj Contr Saf Promot* (accepted)
90. Rowthorn V, Olsen J, Hirshon JM, editors. Interprofessional Global Health Education: Ensuring Collaboration and the Promise of 21st Century Global Health Practice Supplement. *J Law Med Ethics* Jan 2015;42(s2) pg 5-8
91. Dezman ZDW, Comer A, Smith GS, Narayan M, Scalea T, Hirshon JM. *Failure to Clear Elevated Lactate Predicts 24-Hour Mortality in Trauma Patients*. *J Trauma Acute Care Surg* (accepted)
92. Dezman Z, **Hirshon JM**. How do I write a grant? In: Wilson MP, Guluma KZ, Hayden SR, editors. *Making Order Out of Chaos: Practical Advice for Doing Research in the Emergency and Acute Care Setting* (scheduled release 2015).
93. Magidson PD, Hirshon JM. Ethical Issues and End of Life Care. In by Mattu A, Grossman S, Rosen P., editors. *Geriatric Emergencies: A Discussion-Based Review*. (scheduled release 2015)
94. *Geriatric Emergencies: A Discussion-Based Review*. Edited by Mattu A, Grossman S, Rosen P. Associate Editor. Wiley (scheduled release 2015).
95. Choi J, Chandrasekaran K, Demarest TG, Kristian T, Xu S, Vijaykumar K, Dsouza KG, Qi NR, Yarowsky PJ, Gallipoli R, Koch LG, **Fiskum GM**, Britton SL, Russell JW. Brain diabetic neurodegeneration segregates with low intrinsic aerobic capacity *Ann Clin Transl Neurol*. 2014 Aug;1(8):589-604. doi: 10.1002/acn3.86. Epub 2014 Aug 19. PMID: 25356430
96. Grissom CK, Hirshberg EL, Dickerson JB, Brown SM, Lanspa MJ, Liu KD, Schoenfeld D, Tidswell M, Hite RD, Rock P, Miller RR 3rd, Morris AH; National Heart Lung and Blood Institute Acute Respiratory Distress Syndrome Clinical Trials Network. Fluid management with a simplified conservative protocol for the acute respiratory distress syndrome\*. *Crit Care Med*. 2015 Feb;43(2):288-95. doi: 10.1097/CCM.0000000000000715. PMID: 25599463
97. Harris AD, Fleming B, Bromberg JS, Rock P, Nkonge G, Emerick M, Harris-Williams M, Thom KA. Surgical site infection after renal transplantation. *Infect Control Hosp Epidemiol*. 2015 Apr;36(4):417-23. doi: 10.1017/ice.2014.77. PMID: 25782896
98. Chiu WT, Charney Le R, Blitz IL, Fish MB, Li Y, Biesinger J, Xie X, Cho KW. Genome-wide view of TGF $\beta$ /Foxh1 regulation of the early mesendoderm program.

Development. 2014 Dec;141(23):4537-47. doi: 10.1242/dev.107227. Epub 2014 Oct 30. PMID: 25359723

99. Harris DG, McCrone MP, Koo G, Weltz AS, Chiu WC, Scalea TM, Diaz JJ, Lissauer ME. Epidemiology and outcomes of acute kidney injury in critically ill surgical patients. J Crit Care. 2015 Feb;30(1):102-6. doi: 10.1016/j.jcrc.2014.07.028. Epub 2014 Aug 6. PMID: 25171816
100. Yang MM, Lin YC, Wu Y, Fisher N, Saimanee T, Sangtongpraow B, Zhu C, Chiu WC, Salle JL. Two new Aprostocetus species (Hymenoptera: Eulophidae: Tetrastichinae), fortuitous parasitoids of invasive eulophid gall inducers (Tetrastichinae) on Eucalyptus and Erythrina. Zootaxa. 2014 Aug 1;3846:261-72. doi: 10.11646/zootaxa.3846.2.6. PMID: 25112251
101. Sartelli M, Abu-Zidan FM, Ansaloni L, Bala M, Beltrán MA, Biffi WL, Catena F, Chiara O, Coccolini F, Coimbra R, Demetrasvili Z, Demetriades D, Diaz JJ, Di Saverio S, Fraga GP, Ghnam W, Griffiths EA, Gupta S, Hecker A, Karamarkovic A, Kong VY, Kafka-Ritsch R, Kluger Y, Latifi R, Leppaniemi A, Lee JG, McFarlane M, Marwah S, Moore FA, Ordonez CA, Pereira GA, Plaudis H, Shelat VG, Ulrych J, Zachariah SK, Zielinski MD, Garcia MP, Moore EE. The role of the open abdomen procedure in managing severe abdominal sepsis: WSES position paper. World J Emerg Surg. 2015 Aug 12;10:35. doi: 10.1186/s13017-015-0032-7. eCollection 2015. Review. PMID: 26269709
102. Weltz AS, Harris DG, O'Neill NA, O'Meara LB, Brenner ML, Diaz JJ. The use of resuscitative endovascular balloon occlusion of the aorta to control hemorrhagic shock during video-assisted retroperitoneal debridement or infected necrotizing pancreatitis. Int J Surg Case Rep. 2015;13:15-8. doi: 0.1016/j.ijscr.2015.05.027. Epub 2015 May 30. PMID: 26074486
103. Narayan M, Tesoriero R, Bruns BR, Klyushnenkova EN, Chen H, Diaz JJ. Acute care surgery: defining mortality in emergency general surgery in the state of Maryland. J Am Coll Surg. 2015 Apr;220(4):762-70. doi: 10.1016/j.jamcollsurg.2014.12.051. Epub 2015 Jan 22. PMID: 25797764
104. Kauffmann RM, Hayes RM, VanLaeken AH, Norris PR, Diaz JJ, May AK, Collier BR. Hypocaloric enteral nutrition protects against hypoglycemia associated with intensive insulin therapy better than intravenous dextrose. Am Surg. 2014 Nov;80(11):1106-11. PMID: 25347500
105. Harris DG, McCrone MP, Koo G, Weltz AS, Chiu WC, Scalea TM, Diaz JJ, Lissauer ME. Epidemiology and outcomes of acute kidney injury in critically ill surgical patients. J Crit Care. 2015 Feb;30(1):102-6. doi: 10.1016/j.jcrc.2014.07.028. Epub 2014 Aug 6. PMID: 25171816

106. Elterman J, Zonies D, Stewart I, Fang R, Schreiber M. Rhabdomyolysis and acute kidney injury in the injured war fighter. *J Trauma Acute Care Surg.* 2015 Jun 30. [Epub ahead of print] PMID: 26131786
107. Pasley J, Miller CH, DuBose JJ, Shackelford SA, Fang R, Boswell K, Halcome C, Casey J, Cotter M, Matsuura M, Relph N, Tarmey NT, Stein DM. Intraosseous infusion rates under high pressure: a cadaveric comparison of anatomic sites. *J Trauma Acute Care Surg.* 2015 Feb;78(2):295-9. doi: 10.1097/TA.0000000000000516. PMID: 25757113
108. Murthi SB, Markandaya M, Fang R, Hong CM, Galvagno SM, Lissauer M, Stansbury LG, Scalea TM. Focused comprehensive, quantitative, functionally based echocardiographic evaluation in the critical care unit is feasible and impacts care. *Mil Med.* 2015 Mar;180(3 Suppl):74-9. doi: 10.7205/MILMED-D-14-00374. PMID:25747636
109. Grissom TE, Fang R. Topical hemostatic agents and dressings in the prehospital setting. *Curr Opin Anaesthesiol.* 2015 Apr;28(2):210-6. doi: 10.1097/ACO.0000000000000166. PMID:25674988
110. Steinhardt JJ, Peroutka RJ, Mazan-Mamczarz K, Chen Q, Houg S, Robles C, Barth RN, DuBose J, Bruns B, Tesoriero R, Stein D, Fang R, Hanna N, Pasley J, Rodriguez C, Kligman MD, Bradley M, Rabin J, Shackelford S, Dai B, Landon AL, Scalea T, Livak F, Gartenhaus RB. Inhibiting CARD11 translation during BCR activation by targeting the eIF4A RNA helicase. *Blood.* 2014 Dec 11;124(25):3758-67. doi: 10.1182/blood-2014-07-589689. Epub 2014 Oct 15. PMID:25320244
111. Mac Donald CL, Johnson AM, Wierzechowski L, Kassner E, Stewart T, Nelson EC, Werner NJ, Zonies D, Oh J, Fang R, Brody DL. Prospectively assessed clinical outcomes in concussive blast vs nonblast traumatic brain injury among evacuated US military personnel. *JAMA Neurol.* 2014 Aug;71(8):994-1002. doi: 10.1001/jamaneurol.2014.1114. PMID:24934200
112. Bowyer MW, Shackelford SA, Garofalo E, Pugh K, Mackenzie CF. Perception does not equal reality for resident vascular trauma skills. *J Surg Res.* 2015 Apr 1. pii: S0022-4804(15)00347-9. doi: 10.1016/j.jss.2015.03.082. [Epub ahead of print] PMID: 25918003
113. Njoku M, St Peter D, Mackenzie CF. Haemoglobin-based oxygen carriers: indications and future applications. *Br J Hosp Med (Lond).* 2015 Feb;76(2):78-83. doi: 10.12968/hmed.2015.76.2.78. Review. PMID: 25671471
114. Anazodo AN, Murthi SB, Frank MK, Hu PF, Hartsy L, Imle PC, Stephens CT, Menaker J, Miller C, Dinardo T, Pasley J, Mackenzie CF. Assessing trauma care provider judgement in the prediction of need for life-saving interventions. *Injury.* 2015

May;46(5):791-7. doi: 10.1016/j.injury.2014.10.063. Epub 2014 Nov 18. PMID: 25541418

115. Kalpakis K, Yang S, Hu PF, Mackenzie CF, Stansbury LG, Stein DM, Scalea TM. Permutation entropy analysis of vital signs data for outcome prediction of patients with severe traumatic brain injury. *Comput Biol Med.* 2015 Jan;56:167-74. doi: 10.1016/j.combiomed.2014.11.007. Epub 2014 Nov 15. PMID: 25464358
116. Mackenzie CF, Gao C, Hu PF, Anazodo A, Chen H, Dinardo T, Imle PC, Hartsy L, Stephens C, Menaker J, Fouche Y, Murdock K, Galvagno S, Alcorta R, Shackelford S; ONPOINT Study Group. Comparison of Decision-Assist and Clinical Judgment of Experts for Prediction of Lifesaving Interventions. *Shock.* 2015 Mar;43(3):238-43. doi: 10.1097/SHK.0000000000000288. PMID: 25394243
117. Yang S, Njoku M, Mackenzie CF. 'Big data' approaches to trauma outcome prediction and autonomous resuscitation. *Br J Hosp Med (Lond).* 2014 Nov;75(11):637-41. doi: 10.12968/hmed.2014.75.11.637. Review. PMID: 25383434
118. Shackelford SA, Colton K, Stansbury LG, Galvagno SM Jr, Anazodo AN, DuBose JJ, Hess JR, Mackenzie CF. Early identification of uncontrolled hemorrhage after trauma: current status and future direction. *J Trauma Acute Care Surg.* 2014 Sep;77(3 Suppl 2):S222-7. doi: 10.1097/TA.0000000000000198. PMID: 24770559
119. Kozar RA, Arbabi S, Stein DM, Shackford SR, Barraco RD, Biffi WL, Brasel KJ, Cooper Z, Fakhry SM, Livingston D, Moore F, Luchette F. Injury in the aged: Geriatric trauma care at the crossroads. *J Trauma Acute Care Surg.* 2015 Jun;78(6):1197-209. doi: 10.1097/TA.0000000000000656. PMID: 26151523
120. Novak DJ, Bai Y, Cooke RK, Marques MB, Fontaine MJ, Gottschall JL, Carey PM, Scanlan RM, Fiebig EW, Shulman IA, Nelson JM, Flax S, Duncan V, Daniel-Johnson JA, Callum JL, Holcomb JB, Fox EE, Baraniuk S, Tilley BC, Schreiber MA, Inaba K, Rizoli S, Podbielski JM, Cotton BA, Hess JR; PROPPR Study Group. Making thawed universal donor plasma available rapidly for massively bleeding trauma patients: experience from the Pragmatic, Randomized Optimal Platelets and Plasma Ratios (PROPPR) trial. *Transfusion.* 2015 Jun;55(6):1331-9. doi: 10.1111/trf.13098. Epub 2015 Mar 30. PMID: 25823522
121. Pasley J, Miller CH, DuBose JJ, Shackelford SA, Fang R, Boswell K, Halcome C, Casey J, Cotter M, Matsuura M, Relph N, Tarmey NT, Stein DM. Intraosseous infusion rates under high pressure: a cadaveric comparison of anatomic sites. *J Trauma Acute Care Surg.* 2015 Feb;78(2):295-9. doi: 10.1097/TA.0000000000000516. PMID: 25757113
122. Stein DM, Sheth KN. Management of acute spinal cord injury. *Continuum (Minneapolis, Minn).* 2015 Feb;21(1 Spinal Cord Disorders):159-87. doi: 10.1212/01.CON.0000461091.09736.0c. PMID: 25651224

123. Holcomb JB, Tilley BC, Baraniuk S, Fox EE, Wade CE, Podbielski JM, del Junco DJ, Brasel KJ, Bulger EM, Callcut RA, Cohen MJ, Cotton BA, Fabian TC, Inaba K, Kerby JD, Muskat P, O'Keeffe T, Rizoli S, Robinson BR, Scalea TM, Schreiber MA, Stein DM, Weinberg JA, Callum JL, Hess JR, Matijevic N, Miller CN, Pittet JF, Hoyt DB, Pearson GD, Leroux B, van Belle G; PROPPR Study Group. Transfusion of plasma, platelets, and red blood cells in a 1:1:1 vs a 1:1:2 ratio and mortality in patients with severe trauma: the PROPPR randomized clinical trial. *JAMA*. 2015 Feb 3;313(5):471-82. doi: 10.1001/jama.2015.12. PMID: 25647203
124. Baraniuk S, Tilley BC, del Junco DJ, Fox EE, van Belle G, Wade CE, Podbielski JM, Beeler AM, Hess JR, Bulger EM, Schreiber MA, Inaba K, Fabian TC, Kerby JD, Cohen MJ, Miller CN, Rizoli S, Scalea TM, O'Keeffe T, Brasel KJ, Cotton BA, Muskat P, Holcomb JB; PROPPR Study Group. Pragmatic Randomized Optimal Platelet and Plasma Ratios (PROPPR) Trial: design, rationale and implementation. *Injury*. 2014 Sep;45(9):1287-95. doi: 10.1016/j.injury.2014.06.001. Epub 2014 Jun 10. PMID: 24996573
125. Bulger EM, Maier RV, Sperry J, Joshi M, Henry S, Moore FA, Moldawer LL, Demetriades D, Talving P, Schreiber M, Ham B, Cohen M, Opal S, Segalovich I, Maislin G, Kaempfer R, Shirvan A. A Novel Drug for Treatment of Necrotizing Soft-Tissue Infections: A Randomized Clinical Trial. *JAMA Surg*. 2014;149(6):528-536.
126. Shackelford S, Garofalo E, Shalin V, Phgh K, Chen H, Pasley J, Sarani B, Henry S, Bower M, Mackenzie C. Development and Validation of Trauma Surgical Skills Metrics: Preliminary Assessment of Performance after Training. *Trauma Acute Care Surgery*, Volume 79, Number 1, Pages 105-110.
127. Henry S. Trauma and Emergency Care. Skin and Soft Tissue. Extremity Gas Gangrene. 11th Edition Current Surgical Therapy. Cameron JL, Cameron AM. (eds.) Elsevier Saunders. 742-744, 2014.
128. Henry SM. Pelvic Fracture. In: Yelon, JA, Luchette FA (eds) Geriatric Trauma and Critical Care; New York, New York, Springer. 263-269, 2014.
129. Dowling, Matthew; MacIntire, Ian; White, Joseph; Narayan, M; Duggan, Michael; King, David; Raghavan, Srinivasa. Sprayable Foams Based on an Amphiphilic Biopolymer for Control of Hemorrhage Without Compression. *ACS Biomaterials Science & Engineering* – accepted for publication, 2015.
130. Connolly M, Magarakis M, Narayan M. Simultaneous Cecal Volvulus and Gastric Erosion Secondary to Laparoscopic Adjustable Gastric Band. *Surgery for Obesity and Related Diseases*, Published Online: June 15, 2015 Publication stage: In Press Accepted Manuscript. DOI: <http://dx.doi.org/10.1016/j.soard.2015.06.009>

132. Ryb GE, Dischinger P, Auman KM, KUfera JA, Cooper C, Mackenzie C, and Kane RL. S-100B does not predict outcome after mild traumatic brain injury. *Brain Injury* 2014, 28 (11): 1430-5.
133. Lauerman M, Tesoriero R, Diaz JJ. Comorbidities and Ventral Hernia Repair. In
134. *Abdominal Wall Defects: Prevalance, Surgical Management Strategies, and Clinical Care*, edited by Jose J. Diaz, NOVA Publishers. 2014
135. Lauerman M, Tesoriero R, Diaz JJ. Biologic Mesh in the Infected Field. In *Abdominal Wall Defects: Prevalance, Surgical Management Strategies, and Clinical Care*, edited by Jose J. Diaz, NOVA Publishers. 2014
136. Tesoriero RB. Cardiac Injury. In *The Shock Trauma Manual of Operative techniques*, edited by Thomas M. Scalea, Springer. 2015
137. Tesoriero RB. Repair of Cardiac Injuries. In *Atlas of Emergency Medicine Procedures* (submitted for anticipated publication by Springer 2015
138. Verster JC, Alford C, Bervoets AC, de Klerk S, Grange JA, Hogewoning A, Jones K, Kruisselbrink DL, Owen L, Piasecki TM, Raasveld SJ, Royle S, Slutske WS, Smith GS, Stephens R, Hangover Research Group TA. Hangover Research Needs: Proceedings of the 5th Alcohol Hangover Research Group Meeting. *Curr Drug Abuse Rev.* 2014, 21;.
139. Taylor JA, Lacovara AV, Smith GS, Pandian R, Lehto M. Near-miss narratives from the fire service: a Bayesian analysis. *Accid Anal Prev.* 2014;62:119-29
140. Afshar M, Smith GS, Terrin ML, Barrett M, Lissauer ME, Mansoor S, Jeudy J, Netzer G. Blood alcohol content, injury severity, and adult respiratory distress syndrome. *J Trauma Acute Care Surg.* 2014; 76(6):1447-55.
141. Albrecht JS, Liu X, Baumgarten M, Langenberg P, Rattinger GB, Smith GS, Gambert SR, Gottlieb SS, Zuckerman IH. Benefits and risks of anticoagulation resumption following traumatic brain injury. *JAMA Intern Med.* 2014; 174(8):1244-51.
142. McAninch J, Greene C, Sorkin JD, Lavoie MC, Smith GS. Higher psychological distress is associated with unintentional injuries in US adults. *Inj Prev.* 2014; 20(4):258-65.
143. Rockett IR, Smith GS, Caine ED, Kapusta ND, Hanzlick RL, Larkin GL, Naylor CP, Nolte KB, Miller TR, Putnam SL, De Leo D, Kleinig J, Stack S, Todd KH, Fraser DW. Confronting Death from Drug Self-Intoxication (DDSI): Prevention Through a Better Definition. *Am J Public Health.* 2014; 104(12):e49-55.
144. Liu X, Baumgarten M, Smith G, Gambert S, Gottlieb S, Rattinger G, Albrecht J, Langenberg P, Zuckerman I. Warfarin usage among elderly atrial fibrillation patients with traumatic injury, an analysis of United States Medicare fee-for-service enrollees. *J Clin Pharmacol.* 2015;55(1):25-32
- 145.

146. Afshar M, Richards S, Mann D, Cross A, Smith GS, Netzer G, Kovacs E, Hasday J. Acute immunomodulatory effects of binge alcohol ingestion. *Alcohol*. 2015 Feb;49(1):57-64.
147. Albrecht JS, Liu X, Smith GS, Baumgarten M, Rattinger GB, Gambert SR, Langenberg P, Zuckerman IH. Stroke incidence following traumatic brain injury in older adults. *J Head Trauma Rehabil*. 2015;30(2):E62-7.
148. Mansoor S, Afshar M, Barrett M, Smith GS, Barr EA, Lissauer ME, McCurdy MT, Murthi SB, Netzer G. Acute respiratory distress syndrome and outcomes after near hanging. *Am J Emerg Med*. 2015;33(3):359-62.
149. Zhu M, Cummings P, Zhao S, Coben JH, Smith GS. The association of graduated driver licensing with miles driven and fatal crash rates per miles driven among adolescents. *Inj Prev*. 2015;21(e1):e23-7.
150. Elboray S, Elawdy MY, Dewedar S, Elezz NA, El-Setouhy M, Smith GS, Hirshon JM. Knowledge, attitudes, and practices of family physicians and nurses regarding unintentional injuries among children under 15 years in Cairo, Egypt. *Int J Inj Contr Saf Promot*. 2015;15:1-8.
151. Albrecht JS, Kiptanui Z, Tsang Y, Khokhar B, Smith GS, Zuckerman IH, Simoni-Wastila L. Patterns of Depression Treatment in Medicare Beneficiaries with Depression after Traumatic Brain Injury. *J Neurotrauma*. 2015;32(16):1223-9.
152. Lane-Fall MB, Speck RM, Shea JA, Ibrahim SA, McCunn M, Bosk CL. Are attendings different? Intensivists explain their handoff ideals, perceptions and practices. *Annals of the American Thoracic Society* 2014;11(3):360-6.
153. Sethuraman K, Marcolini E, McCunn M, Hansoti B, Vaca F, Napolitano L: Gender-Specific Issues in Traumatic Injury and Resuscitation. *Academic Emergency Medicine*. 2014;21(12):1386-94.
154. Dagal A, Greer S, McCunn M: International disparities in trauma care. *Curr Opin Anes* 2014;27:233-9.
155. Developing Sustainable Trauma Care Education in Egypt: STEPS to Success. Shinawi M, McCunn M, Sisley AC, El-Souty M, Hirshon JM. *Journal of Surgical Education*. 2015 (epub ahead of print)
156. McCunn M, Dutton RP, Dagal A, Varon A, Kaslow O, Kucik JC, Hagberg C, McLaasc J, Pittet JF, Dunbar P, Grissom T, Vavilala M: Trauma, Critical Care, and Emergency-Care Anesthesiology: A New Paradigm for the “Acute Care” Anesthesiologist?” *Anesthesia and Analgesia*, In press.

157. Conti B, McCunn M: Penetrating biventricular cardiac injury in a trauma patient: Heart versus machete. *Cardiothoracic and Vascular Anesthesia*. June 2015;29(3): 549-828. Invited editorial response
158. Jain U, McCunn M, Smith CE, Pittet JF: Management of the Traumatized Airway. *Anesthesiology*. Accepted for publication.
159. McCunn M, Dutton RP, Heim C, Gilmore C, Pittet JF: trauma anesthesia contributions to the acute care anesthesiology model and perioperative surgical home. *Current Reports in Anesthesiology*. Accepted for publication.
160. Albrecht JS, McCunn M, Stein DM, Simoni-Wastila L, Smith GS: Sex Differences in Traumatic Brain Injury Mechanism and Severity among older Adults. Manuscript submitted.
161. McQueen KAK, Hagberg C, McCunn M: The global trauma burden and anesthesia needs in low income countries. *ASA Newsletter*. 2014;78:16.
162. McCunn M, Heim C, Gilmore C, Dutton RP, Pittet JF: Trauma anesthesia contributions to the acute care anesthesiology model and the perioperative surgical home. *Current Reports in Anesthesiology* 2015, Fall. Accepted for publication