

CURRICULUM VITAE

Name Erin Elizabeth Fox, BS, MS, PhD

Current Title Assistant Professor of Surgery

Address Center for Translational Injury Research (CeTIR)
University of Texas Health Science Center at Houston (UTHealth)
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Education

May 2007 Doctor of Philosophy
University of Texas Health Science Center at Houston, School of Public Health (UTSPH)
Specialization: Epidemiology
Minors: Biometry and Toxicology
Dissertation: *Cancer in Vietnam Veterans*

August 1999 Master of Science
UTSPH
Specialization: Epidemiology
Minor: Biometry
Thesis: *A Cross-sectional Study of Helicobacter pylori and Nutritional Factors in the Blood of Adolescents, Age 12-19*

April 1994 Bachelor of Science
University of Florida (UF)
Major: Microbiology
Minor: English

Academic Appointments

Dec 2012-present Assistant Professor of Surgery
Division of Acute Care Surgery, Department of Surgery
University of Texas Health Science Center at Houston, Medical School (UTMS)
Center for Translational Injury Research

Apr 2011-present Assistant Professor of Clinical and Translational Sciences
 Biostatistics, Epidemiology, and Research Design Core (BERD)
 Center for Clinical and Translational Sciences (CCTS)
 University of Texas Health Science Center at Houston (UTHSC-H)

Mar 2009-present Adjunct Assistant Professor of Epidemiology
 University of Texas Health Science Center, School of Public Health
 (UTSPH), San Antonio Regional Campus

Mar 2008-present Adjunct Assistant Professor of Epidemiology
 Texas A&M Health Science Center, School of Rural Public Health

Other Professional Experience

Nov 2008-Apr 2011 Project Coordinator
 Prospective Observational Multi-center Major Trauma Transfusion
 (PROMMTT) study
 CCTS-BERD
 University of Texas Health Science Center at Houston

Apr 2007-Jan 2008 Senior Cancer Research Epidemiologist
 Texas Department of State Health Services
 Cancer Epidemiology and Surveillance Branch

Summer 2006 Graduate Assistant
 UTSPH, Epidemiology Division

Feb 2002- Aug 2005 Graduate Assistant
 UTSPH, Environmental and Occupational Health Division

Dec 2002-May 2004 Research Assistant
 Shell Oil Company, Shell Health Services, Epidemiology Section

Jun-Oct 2003 Research Assistant
 American Cancer Society

Mar 1999- Jan 2003 Data Manager
 Vietnam Veterans and Family Health Study
 UTSPH, Epidemiology Discipline

Summer 2001 Graduate Assistant
 UTSPH, Epidemiology Discipline

Summer 2000 Research Associate
 Scientific Evidence, Inc.

Summer 1998 Database Developer/Manager
 Children's Assessment Center Baseline Study
 UTSPH, Epidemiology Discipline

Oct 1996- Nov 1997 Data Manager
Study of Neural Tube Defects on the Texas- Mexico Border
UTSPH, Environmental Science Discipline

Professional Organizations

2007-present American College of Epidemiology, Member
2000-present International Society for Environmental Epidemiology, Member
1999-present Society for Epidemiologic Research, Member
1998-2007 American College of Epidemiology, Associate Member

Honors and Awards

2004 John Trolinger Scholarship for Ethics in Healthcare, UTHealth
2003-2006 Recipient of NIOSH traineeship in Occupational Epidemiology, UTHealth
2000 Young Scientist Award, European *Helicobacter pylori* Study Group
1999 Merit scholarship, UTSPH, Epidemiology discipline
1998-9, 2001, 2007 Nominee for Teaching Assistant of the Year, UTSPH
1994 Phi Kappa Phi Honor Society, UF
1989-1994 Florida Undergraduate Scholar, UF

Editorial Positions

2008-2012 Associate Editor of Epidemiologic Perspectives & Innovations

Service

National grant review panels, study sections, or committees

2009 NIOSH, Special Emphasis Panel: State-based Occupational Health Surveillance
2014 NIOSH, Special Emphasis Panel: State-based Occupational Health Surveillance

UTHealth committees

2002 SPH Building Ad Hoc Committee, UTSPH
2001 Grading Working Group, UTSPH
2000 Associate Dean for Academic Affairs Search Committee, UTSPH

External reviewer

2011 3rd North American Congress of Epidemiology, abstract reviewer
2008-14 American Public Health Association (Epidemiology Section), abstract reviewer
2005 SER Student Caucus Abstracts Review Committee
2007-12 Epidemiologic Perspectives & Innovations, manuscript reviewer
2006 Society for Epidemiologic Research, abstract reviewer

Other professional service

2005 Rapid epidemiologic assessment of Hurricane Katrina evacuees, UTSPH
20002 Rapid Epidemiologic Assessment of Children's Health (REACH) project, UTSPH
1992-94 University of Florida AIDS Peer Educator

Sponsorship of Students

Postgraduate Candidates

Amber W. Trickey, PhD in Epidemiology, UTSPH, graduated 2012

Zachary Franco, MPH, UTSPH, graduated 2013

Medical Student Summer Research

Paul Fuchs, 2012

Blessing Oyeniya, 2014

Jacob Wilkerson, 2014

Teaching Experience

Classes taught

1. Advanced Epidemiologic Methods I, UTSPH, Role: Teaching Assistant, Fall 2000, 2001, 2005, and 2006
2. Introduction to Epidemiology, UTSPH, Role: Teaching Assistant, Fall 1997 and 1998, Spring 2006
3. Advanced Epidemiologic Methods II, UTSPH, Role: Lecturer (Poisson Regression), Spring 2003
4. Advanced Epidemiologic Methods II, UTSPH, Role: Teaching Assistant, Spring 2001 and 2002
5. Epidemiologic Proposal Development, UTSPH, Role: Teaching Assistant, Summer 1998 and 1999
6. Field Epidemiology, UTSPH, Role: Teaching Assistant, Spring 1998 and 1999

Guest Lectures

1. UTHealth Research Coordinator Forum, April 2010, topic: Clinical Research in Trauma: PROMMTT
2. San Jacinto Methodist Hospital, December 2007, topic: Cancer in Texas and Harris County
3. Field Epidemiology, UTSPH, Spring 2002 & 2003, topic: postal surveys and optical scanning

Research Support

Ongoing

Pragmatic, Randomized Optimal Platelet and Plasma Ratios (PROPPR) Study

Technical title: as above

Funding agent: Resuscitation Outcomes Consortium va through NIH/NHLBI

Role: Co-Investigator

Funding period : 10/1/10-9/30/14

Direct costs for total study period: \$13,634,188

Grant number: 5U01HL077863, May and van Belle (PI)

Statistical Methodology Development in Blood Transfusion Protocol Research

Technical title: as above

Funding agent: NIH/NHLBI

Role: Co-Investigator

Funding period: 07/15/2013-04/30/2015

Direct costs for total study period: \$250,000

Grant number: 1 R21 HL109479-01A1, Rahbar (PI)

Research Superiority Grant from the Texas Emerging Technology Fund for CeTIR

Technical title: as above

Funding agent: State of Texas

Role: Co-Investigator

Funding period: 09/01/2008-12/31/2016

Direct costs for total study period: \$1,000,000

Grant number: none, Holcomb/Burgess (PI)

Completed

Prospective Observational Multicenter Major Trauma Transfusion (PROMMTT) Study

Technical title: Massive Transfusion Prospective, Observational Multicenter Trial Data
Coordination Center

Funding agent: Department of Defense, US Army Medical Research Acquisition Act

Role: Co-Investigator and Project Coordinator

Funding period : 9/15/08-9/15/13

Direct costs for total study period: \$8.5 million

Contract: W81XWH-08-C-0712, Rahbar (PI)

Center for Clinical and Translational Sciences

Technical title: as above

Funding agent: NIH/NCATS

Role: Collaborator

Funding period : 7/1/12-5/31/17

Direct costs for total study period: \$15 million

Grant number: 2UL1TR000371-06A, McPherson (PI)

Prostate cancer incidence in the U.S. Air Force: Implications for screening and treatment in the general population

Technical title: as above

Funding agent: UTHealth CCTS T2 grant from NIH/NCRR grant

Role: Junior Investigator

Funding period: 9/01/09-9/01/11

Direct costs for total study period: \$100,000

Originating grant: 5UL1 RR024148-03, McPherson (PI)

Research

Abstracts

1. Wang C, **Fox EE**, Goodman K. Smoking and *Helicobacter pylori* seroprevalence in U.S. adults. *Gut* 2000;47(S1):A50. European *Helicobacter pylori* Study Group, October 2000.
2. **Fox EE**, Wang C, Goodman K. Alcohol consumption and *H. pylori* seroprevalence in U.S. adults. *Gut* 2000; 47(S1):A51. European *Helicobacter pylori* Study Group, October 2000.
3. Sweeney A, del Junco D, Robison T, Garzon A, **Fox E**, Moore S. Serum dioxin, P450 genes, and birth defects among offspring of Vietnam veterans. *Epidemiology*

2000;11(4):S72. Annual Meeting for the International Society for Environmental Epidemiology, September 2000.

4. **Fox EE**, Wang C, Goodman KJ. Alcohol consumption and *Helicobacter pylori* serostatus. *Am J Epidemiol* 2000;151(suppl 11):S62. First North American Congress of Epidemiology, June 2000.
5. White DL, Harati Y, del Junco D, Echols CE, **Fox E**. ALS/MND and veterans: Are vets at increased risk? *J Neurol Sci.* 2002;199:S46. World Congress of Neurology, 2002.
6. **Fox EE**, del Junco DJ, Goodman KJ, Delclos GL, Selwyn BJ, Burau KD. Cancer in Texas Vietnam Veterans. *Am J Epidemiol* 2007;165(suppl 11):020-S. Annual Meeting of the Society for Epidemiologic Research, June 2007.
7. Carozza SE, **Fox E**, Weiss N, Huber C. Cancer registry data linkage to a newborn dried blood spot screening program: a resource for epidemiological studies of childhood cancers. Annual National Conference of the North American Association of Central Cancer Registries, 2008.
8. Puumala SE, Carozza SE, Chow EJ, **Fox EE**, Horel S, Johnson KJ, McLaughlin CC, Mueller BA, Reynolds P, Von Behren J, Spector LG. Increasing birth weight and childhood cancer. *Am J Epidemiol* 2008;167(suppl 11):351. Annual Meeting of the Society for Epidemiologic Research, June 2008.
9. Spector LG, Puumala SE, Carozza SE, Chow EJ, **Fox EE**, Horel S, Johnson KJ, McLaughlin CC, Mueller BA, Reynolds P, Von Behren J. Very low birth weight and the risk of childhood cancers. *Am J Epidemiol* 2008;167(suppl 11):351. Annual Meeting of the Society for Epidemiologic Research, June 2008.
10. Johnson KJ, Puumala SE, Carozza SE, Chow EJ, **Fox EE**, Horel S, McLaughlin CC, Mueller BA, Reynolds P, von Behren J, Spector LG. Maternal age and childhood cancer. *Am J Epidemiol* 2008;167(suppl 11):S59. Annual Meeting of the Society for Epidemiologic Research, June 2008.
11. Obrams GI, del Junco DJ, **Fox EE**. Clinical and Translational Science Awards and Opportunities for Epidemiologists. Breakfast Roundtable Presentation, American College of Epidemiology Annual Meeting, September 15, 2009.
12. Obrams GI, del Junco DJ, **Fox EE**. Clinical and Translational Science Awards. Poster presentation, American College of Epidemiology Annual Meeting, September 14, 2009.
13. **Fox EE**, del Junco DJ, Holcomb JB, Rahbar MH. The Role of Epidemiologist in Clinical Data Coordinating Centers. *Am J Epidemiol* 2011;173(suppl 11):0157. Third North American Congress of Epidemiology, June 2011.
14. Johnson KJ, Carozza SE, Chow EJ, **Fox EE**, Horel S, McLaughlin CC, Mueller BA, Puumala SE, Reynolds P, von Behren J, Spector LG. Carcinomas in childhood: A record linkage study. *Am J Epidemiol.* 2011;173:S166. Third North American Congress of Epidemiology, June 2011.

15. Rahbar MH, Huang H, Ning J, del Junco D, **Fox E**, Holcomb JB. A latent class model for analyzing impact of damage control resuscitation on survival and blood product utilization. Joint Statistical Meetings (JSM) 2012, July 28-August 2, 2012.
16. 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 BRH on behalf of the PROMMTT Study Group. Defining when to initiate massive transfusion [MT]: A validation study of individual massive transfusion triggers in PROMMTT patients. American Association for the Surgery of Trauma, Annual Meeting, September 2012.
17. 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. Military Health System Research Symposium, Ft. Lauderdale, FL, August, 2013.
18. Pommerening MJ, Goodman MD, Holcomb JB, Wade CE, **Fox EE**, del Junco DJ, Brasel KJ, Bulger EM, Cohen MJ, Myers JG, Schreiber MA, Cotton BA. Not as good as we think we are: Trauma attending gestalt is an unreliable predictor of massive transfusion. American Association for the Surgery of Trauma Annual Meeting, September 2013.
19. Callcut RA, Muskat P, Cohen MJ, Holcomb JB, **Fox EE**, Wade CE, Schreiber MA, Rahbar MH, Cotton BA, Brasel KJ, Bulger EM, del Junco DJ, Myers JG, Alarcon LH, Robinson BRH. Blood product resuscitation of trauma patients presenting in cardiac arrest: Futile or not? American College of Surgeons Annual Meeting, September 2013.
20. Ross JA, Druley TE, Johnson KJ, Fonstad RK, von Behren J, Mueller B, Carozza S, Chow EJ, McLaughlin C, Reynolds P, Fox E, Horel S, Spector LG. Young paternal age and risk of infant acute lymphoblastic leukemia. *Blood*. 2013;122(21):1395. American Society of Hematology Annual Meeting, December 2013.
21. Fair K, Kiraly L, Cohen M, Phelan H, **Fox E**, Holcomb J, Schreiber M. Increased volume of plasma transfusion is predictive of deep venous thrombosis in the PROspective Observational Multicenter Major Trauma Transfusion (PROMMTT) study. Pacific Coast Surgical Association Annual Meeting, February 2014.
22. Alawadi Z, LeFebvre E, **Fox E**, del Junco D, Cotton BA, Wade C, Holcomb JB. Alternative endpoints for trauma studies: An academic trauma surgeons survey. *J Surg Res*. 2014;186(2):512. Association for Academic Surgery Annual Meeting, San Diego, February 2014
23. del Junco DJ, **Fox EE**, Wade CE, Holcomb JB, Rahbar MH. Seven deadly sins: Bias in comparative effectiveness research. Translational Science Annual Meeting, April 2014.
24. Moren A, Diggs B, Hampton D, Hansberry T, Kiraly L, **Fox E**, Holcomb J, Rahbar M, Brasel K, Cohen M, Bulger E, Phelan H, Schreiber M on behalf of the PROMMTT study group. Recursive Partitioning Identifies Greater Than 4 Units of PRBC's Per Hour as an

Improved Massive Transfusion Definition. Military Health System Research Symposium, August 2014.

25. del Junco DJ, Bulger EM, **Fox EE**, Holcomb JB, Brasel KJ, Hoyt DB, Grady JJ, Duran S, Klotz P, Dubick MA, Wade CE. When randomized trauma trials and bias collide: the trouble with subgrouping on surrogates for severity. Military Health System Research Symposium, August 2014.

Refereed Original Articles in Journals

1. Tsai SP, Chen VW, **Fox EE**, Wendt JK, Cheng Wu X, Foster DE, Fraser AE. Cancer incidence among refinery and petrochemical employees in Louisiana, 1983-1999. *Ann Epidemiol.* 2004;14(9):722-30.
2. Cooper SP, Heitman EH, **Fox EE**, Quill B, Knudson P, Zahm SH, MacNaughton N, Ryder R. Ethical issues in conducting migrant farmworker studies. *J Immigrant Health.* 2004; 6(1):29-39.
3. Tsai SP, **Fox EE**, Ransdell J, Waddell LC, Donnelly R. A hematology surveillance study among petrochemical workers exposed to benzene. *Regul Toxicol Pharmacol.* 2004; 40(1): 67-73.
4. Cooper SP, Weller NF, **Fox EE**, Cooper SR, Shipp EM. Comparative description of migrant farmworkers versus other students attending south Texas schools: demographic, academic, and health characteristics. *Texas Medicine.* 2005;101(8):58-62.
5. Cooper SP, Weller NF, **Fox EE**, Cooper SR. Comparative description of migrant farmworkers versus other students attending rural south Texas schools: Substance use, work, and injuries. *J Rural Health.* 2005;21(4):361-366.
6. Du XL, **Fox EE**, Lai D. Competing Causes of Death for Women with Breast Cancer and Change Over Time From 1975 to 2003. *Amer J Clin Oncol.* 2008;31(2):105-116. PMID: PMC2570158.
7. Puumala SE, Carozza SE, Chow EJ, **Fox EE**, Horel S, Johnson KJ, McLaughlin CC, Mueller BA, Reynolds P, Von Behren J, Spector LG. Childhood cancer among twins and higher order multiples. *Cancer Epidemiol Biomarkers Prev.* 2009;18(1):162-8. PMID: PMC2705199.
8. Johnson KJ, Carozza SE, Chow EJ, **Fox EE**, Horel S, McLaughlin CC, Mueller BA, Puumala SE, Reynolds P, Von Behren J, Spector LG. Parental age and risk of childhood cancer: a pooled analysis. *Epidemiol.* 2009;20(4):475-483. PMID: PMC2738598.
9. Spector LG, Puumala SE, Carozza SE, Chow EJ, **Fox EE**, Horel S, Johnson KJ, McLaughlin CC, Reynolds P, Von Behren J, Mueller BA. Cancer risk among children with very low birthweight. *Pediatrics.* 2009;124(1):96-104. PMID: PMC2704984.
10. Ognjanovic S, Carozza SE, Chow EJ, **Fox EE**, Horel S, McLaughlin CC, Mueller BA, Puumala S, Reynolds P, Von Behren J, Spector L. Birth characteristics and the risk of

childhood rhabdomyosarcoma based on histological subtype. *Br J Cancer*. 2010;102(1):227-31. PMID: PMC2813761.

11. Carozza SE, Puumala SE, Chow EJ, **Fox EE**, Horel S, Johnson KJ, McLaughlin CC, Reynolds P, Von Behren J, Mueller BA, Spector L. Parental education attainment as an indicator of socioeconomic status and risk of childhood cancers. *Br J Cancer*. 2010;103(1):136-42. PMID: PMC2905284.
12. Chow EJ, Puumala SE, Mueller BA, Carozza SE, **Fox EE**, Horel S, Johnson KJ, McLaughlin CC, Reynolds P, Von Behren J, Spector LG. Childhood cancer in relation to parental race and ethnicity: a five-state pooled analysis. *Cancer*. 2010;116(12):3045-53. PMID: PMC2903004.
13. Von Behren J, Spector LG, Mueller BA, Carozza SE, Chow EJ, **Fox EE**, Horel S, Johnson KJ, McLaughlin C, Puumala SE, Ross JA, Reynolds P. Birth order and risk of childhood cancer: A pooled analysis from five US States. *Int J Cancer*. 2011;128(11):2709-16. PMID: PMC3008504.
14. Del Junco DJ, **Fox EE**, Cooper S, Goldhagen M, Koda E, Rogers D, Canby-Hagino E, Kim J, Pettaway C, Boyd DD. Increasing low-risk prostate cancer incidence in United States Air Force servicemen and selection of treatments. *J Urol*. 2011;185(6):2137-42. PMID: PMC3171171.
15. Rogers D, Boyd DD, **Fox EE**, Cooper S, Goldhagen M, Shen Y, del Junco DJ. Prostate cancer incidence in U.S. Air Force aviators compared with non-aviators. *Aviat Space Environ Med* 2011;82(11):1067-1070. PMID: PMC3250083.
16. Johnson KJ, Carozza SE, Chow EJ, **Fox EE**, Horel S, McLaughlin CC, Mueller BA, Puumala SE, Reynolds P, Von Behren J, Spector LG. Birth characteristics and childhood carcinomas. *Br J Cancer*. 2011;105(9):1396-1401. PMID: PMC3241539.
17. Rahbar MH, **Fox EE**, del Junco DJ, Cotton BA, Podbielski JM, Matijevic N, Cohen MJ, Schreiber MA, Zhang J, Mirhaji P, Duran S, 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*. 2012;83(4):459-464. PMID: PMC3303947.
18. Dossett LA, **Fox EE**, del Junco DJ, Zaydfudim V, Kauffmann R, Shelton J, Wang W, Cioffi WG, Holcomb JB, Cotton BA. Do not forget the posters! Quality and content variables associated with accepted abstracts at a national trauma meeting. *J Trauma Acute Care Surg*. 2012;2(5):1429-1434.
19. Rahbar MH, Huang H, Ning J, del Junco DJ, **Fox EE**, Holcomb JB. A latent class model for defining massive hemorrhage. *Joint Statistical Meetings Proceedings, Statistics in Epidemiology Section*. 2012; Alexandria, VA: American Statistical Association. 3252-3264.

20. Holcomb JB, del Junco DJ, **Fox EE**, Wade CE, Cohen MJ, Schreiber MA, Alarcon LH, Bai Y, Brasel KJ, Bulger EM, Cotton BA, Matijevic N, Muskat P, Myers JG, Phelan HA, White CE, Zhang J, Rahbar MH on behalf of the PROMMTT Study Group. The PRospective Observational Multicenter Major Trauma Transfusion (PROMMTT) study: Comparative effectiveness of a time-varying treatment with competing risks. *JAMA Surg.* 2013;148(2):127-136. PMID: PMC3740072.
21. 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 BRH on behalf of the PROMMTT Study Group. Defining when to initiate massive transfusion: A validation study of individual massive transfusion triggers in PROMMTT patients. *J Trauma Acute Care Surg.* 2013;74(1):59-68. PMID: PMC3771339.
22. **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 MH, on behalf of the PROMMTT Study Group. Waiver of consent in non-interventional, observational emergency research: the PROMMTT experience. *J Trauma Acute Care Surg.* 2013;75:S3-S8. PMID: PMC3744180.
23. Holcomb JB, **Fox EE**, Wade CE on behalf of the PROMMTT Study Group. The PRospective Observational Multicenter Major Trauma Transfusion (PROMMTT) Study. *J Trauma Acute Care Surg.* 2013;75:S1-S2.
24. 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.* 2013;75:S97-S103. PMID: PMC3715063.
25. 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.* 2013;75:S68-S74. PMID: PMC3736742.
26. 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.* 2013;75:S9-S15. PMID: PMC3744192.
27. Hubbard A, Munoz ID, Decker A, Holcomb JB, Schreiber MA, Bulger EM, Brasel KJ, **Fox EE**, del Junco DJ, Wade CE, Rahbar MH, Cotton BA, Phelan HA, Myers JG, Alarcon LH, Muskat P, Cohen MJ, on behalf of the PROMMTT study group. Time-Dependent Prediction and Evaluation of Variable Importance Using SuperLearning in High Dimensional Clinical Data. *J Trauma Acute Care Surg.* 2013;75:S53-S60. PMID: PMC3744063.

28. 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.* 2013;75:S48-S52. PMCID: PMC3744056.
29. Rahbar E, **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.* 2013;75:S16-S23. PMCID: PMC3744217.
30. 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.* 2013;75:S75-S81. PMCID: PMC3744188.
31. 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.* 2013;75:S40-S47. PMCID: PMC3755603.
32. 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.* 2013;75:S89-S96. PMCID: PMC3744055.
33. Robinson BRH, 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.* 2013;75:S61-S67. PMCI: PMC3744064.
34. 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.* 2013;75:S31-S39. PMCID: PMC3736696.
35. 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.* 2013;75:S82-88. PMID: PMC3744183.

36. 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.* 2013;75:S24-S30. PMID: PMC3744122.
37. Holcomb JB, **Fox EE**, Scalea TM, Napolitano LM, Albarado R, Gill B, Dunkin BJ, Kirkpatrick AW, Cotton BA, Inaba K, Dubose JJ, Cohen AM, Azizzadeh A, Brenner M, Cohen MJ, Wade CE, Lumsden AB, Andrassy R, Rhee PM, Bass BL, Mattox KL, Britt LD, Eastman AB, Hoyt DB, Rasmussen TE; Catheter-Based Hemorrhage Control Study Group. Current opinion on catheter-based hemorrhage control in trauma patients. *J Trauma Acute Care Surg.* 2014 Mar;76(3):888-93.
38. 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 and the PROPPR Study Group. Pragmatic Randomized Optimal Platelet and Plasma Ratios (PROPPR) Trial: Design, rationale and implementation. *Injury.* 2014;45(9):1287-95. PMID: PMC4137482.
39. Matijevic N, Wang Y-W, Wade CE, Holcomb JB, Cotton BA, Schreiber MA, Muskat P, **Fox EE**, del Junco DJ, Cardenas JC, Rahbar MH and Cohen MJ on behalf of the PROMMTT Study Group. Cellular microparticle and thrombogram phenotypes in the PRospective Observational Multicenter Major Trauma Transfusion (PROMMTT) Study: correlation with coagulopathy. *Thrombosis Res.* 2014;134(3):652-8. PMID in progress.