TERESA MARIA BELL, PH.D.

*Department of Surgery*

*Indiana University School of Medicine*

# 702 Rotary Circle Room 013

# Indianapolis, IN 46202

Office: (317) 274-7435

Fax: (317) 274-7426

Email: terebell@iupui.edu

## Education

2014 Ph.D., HEALTH OUTCOMES & POLICY RESEARCH

*University of Tennessee*

2007 B.S., NEUROSCIENCE

*Rhodes College*

## Academic Positions

2014– ASSISTANT PROFESSOR, TENURE-TRACK

Department of Surgery

*Indiana University School of Medicine*

2012–2014 GRADUATE RESEARCH ASSISTANT

Department of Surgery

*University of Tennessee Health Science Center*

2010–2012 QUALITY IMPROVEMENT INTERN

Emergency Medical Services

*City of Memphis Fire Department*

2010–2012 GRADUATE RESEARCH ASSISTANT

Center for Health, Education, and Economic Empowerment Research

*University of Tennessee Health Science Center*

2007–2010 RESEARCH TECHNOLOGIST

Department of Bone Marrow Transplant & Cellular Therapy

*St. Jude Children’s Research Hospital*

## Research Interests

Pediatric and adolescent trauma outcomes, outpatient complications following hospitalization, opioid use after injury and surgical procedures, implementation of evidence-based medicine, effectiveness of surgical and emergency care procedures, late effects of acute health events, trauma system improvement, hospital-based violence intervention programs, health policy, social determinants of health, integration of medical and social services

## Honors and Awards

2018 Joseph Tepas Award Finalist, Pediatric Trauma Society (PTS)

2018 Early Career Women Faculty Leadership Development Seminar, Association of American Medical Colleges (AAMC)

2018 Distinguished Oral Presentation, Association for Clinical and Translational Science (ACTS) Meeting

2017 Best Poster Award, Indiana Clinical and Translational Sciences Institute Annual Meeting

2017 Health Disparities Research Institute Scholar, National Institute on Minority Health and Health Disparities (NIH NIMHD)

2017 John M. Templeton Injury Prevention Research Scholarship, The Eastern Association for the

 Surgery of Trauma

2014 Selected to Present Research on Non-Urgent EMS Use to Tennessee Governor Bill Haslam

2013 American Public Health Association Presidential Road Safety Award

2013 College of Graduate Health Sciences Travel Awards. Received three individual travel awards to present at The International Society for Pharmacoeconomics and Outcomes Research annual meeting (May 2013), URISA GIS and Public Health meeting (June 2013), and the APHA annual meeting (November 2013).

2013 University of Tennessee Health Science Center Interprofessional Education and Clinical Simulation Healthcare Challenge, First Place

 2011 National Science Foundation Graduate Research Fellowship, Honorable Mention

2010 Graduate Assistantship in Health Outcomes & Policy Research, University of Tennessee

2003-2007 Undergraduate Scholarships and awards: Lettie Pate Whitehead Scholarship, 2005-2007; James and Virginia M. Smyth Scholarship, 2003-2007; Bolton High School Trust Fund Scholarship, 2003-2007; Rhodes College Performance Award, 2003-2007; Rhodes College Presidential Scholarship, 2003-2007; Tennessee Lottery Hope and General Assembly Scholarships, 2004-2007

## Academic & Professional Service

2018- Member, Indiana University-Purdue University Faculty Council

2018- Member, Diversity Committee, IU School of Medicine

2018- Member, Staff Relations Committee, Indiana University-Purdue University Indianapolis

2018- Faculty Affairs Ombudsmen, Indiana University-Purdue University Indianapolis

2018- Student Research Committee, IU School of Medicine

2018- Advisory Board, Indiana Medical Student Program for Research and Scholarship (IMPRS)

2017- Member, Teacher-Learner Advocacy Committee, Indiana University School of Medicine

2017- Member, Women’s Advisory Council, Indiana University School of Medicine

2014- Member, Indiana Violent Death Reporting System Advisory Board, Indiana State Department of Health

2014- Member, Indiana Injury Prevention Advisory Council, Indiana State Department of Health

2012- Chair, Injury Control and Emergency Health Services Section Communications Committee, American Public Health Association

2013-2014 President, Interprofessional Student Council, University of Tennessee Health Science Center

2011-2012 President, College of Graduate Health Sciences Student Government, University of Tennessee Health Science Center

2011-2012 Member, Student Government Association Executive Committee, University of Tennessee Health Science Center

2011-2012 Vice President, ISPOR Student Chapter, University of Tennessee Health Science Center

2010-2014 Member, Graduate School Executive Committee, University of Tennessee Health Science Center

2010-2014 Member, ISPOR Student Chapter, University of Tennessee Health Science Center

## Analytical Skills

Analytical Software: SAS, SPSS, QDA Miner

Geographic Information Software: ESRI ArcGIS, ERDAS Imagine

Other Software Packages: Filemaker Pro, Adobe Photoshop, Microsoft Office

Analytical Techniques: Multiple Linear Regression, Generalized Linear Models, Longitudinal Data Analysis, Multilevel Modeling, Spatial Regression, Spatial Statistics, Trajectory Analysis, Mediation Analysis, Survival Analysis, Principal Components Analysis

Experience with Datasets: Health and Retirement Study (HRS), National Trauma Databank (NTDB), Nationwide Inpatient Sample (NIS), Nationwide Emergency Department Sample (NEDS), Regenstrief Institute’s Indiana Network for Patient Care (INPC)

## Additional Coursework and Training

2018 Early Career Women Faculty Leadership Development Seminar, Association of American

 Medical Colleges (AAMC)

2017 Health Disparities Research Institute, National Institute on Minority Health and Health Disparities (NIH NIMHD)

2017 Introduction to PROMIS, IRT, CAT and Implementing HealthMeasures in Clinical and

 Research Settings, Northwestern University

2017 Leadership in Academic Medicine Program (LAMP), Indiana University School of Medicine

2015 Innovation and Implementation Science Short Course, Indiana University

2012 The British and U.S. Health Care Systems: A Comparative Study, Harlaxton College, The British Campus of the University of Evansville, Grantham, England

2011 Graduate Certificate, Geographic Information Systems, The University of Memphis

## Affiliations

Pediatric Trauma Society

American Statistical Association

American Public Health Association

Academy Health

International Society for Pharmacoeconomics & Outcomes Research

## Scientific Referee

2018- JAMA Pediatrics

2017- PLOS One

2017- Journal of Adolescent Health

2016- American Journal of Public Health

2016- Traffic Injury Prevention

2016- International Journal of Injury Control and Safety Promotion

2016- Medicine

2015- Journal of Surgical Research

2015- Pediatrics

## Grants Awarded

## Indiana University Grand Challenge Phase II

## Title: Telehealth Recovery and Resilience Program – Opioid Extension (TRRP-O) in Adolescent and Young Adult Trauma Survivors

## State of Indiana

## Role: Co-I

## Amount: $850,000

## Indiana University Grand Challenges Phase I

## Title: Opioid Use, Substance Use Disorders, and Opioid Overdose Outcomes after Traumatic Injury in Adolescents

## State of Indiana

## Role: PI

## Amount: $527,206

## Research Support Funds Grant

## Title: Identifying Changes in Healthcare Needs Following Childhood Traumatic Injury

## IUPUI Office of the Vice Chancellor for Research

## Role: PI

## Amount: $34,905

## KL2 Young Investigator Award in Clinical-Translational Research

## Title: Risk Factors for Prescription Opioid Misuse after Traumatic Injury in Adolescents

## Granting Agency: Indiana CTSI

## Role: PI

## Amount: $ 194,175

## The Eastern Association for the Surgery of Trauma

## Title: Assessment of a Quality of Life Monitoring Intervention to Reduce Retaliation and Recidivism in Participants of a Hospital-Based Violence Intervention Program

## Role: PI

## Amount: $ 10,000

## Peer-Reviewed Publications

2018 Kim BJ, Misra S, Chan H, **Bell TM**, Koniaris LG, Valsangkar N. National Cancer Institute Cancer Centers and Society of Surgical Oncology Cancer Research Synergy. *Public Health*, In press.

2018 Alghnam S, Alqahtani F, Cook L, **Bell TM**, Castillo R. Maternal and child health following injuries: A two-year follow-up of a nationally representative sample. *J Surg Res*, In press.

2018 Ogbemudia B, Raymond J, Vetor A, Hatcher L, Rouse T, Carroll AE, **Bell TM**. Assessing Outpatient Follow-up Care Compliance, Complications, and Sequelae in Children Hospitalized for Isolated Traumatic Abdominal Injuries. *J Ped Surg*, In press.

2018 Qiao N, Carroll AE, **Bell TM**. Factors affecting the Affordable Care Act Marketplace stand-alone pediatric dental plan premiums. *J Public Health Dent*. 2018 Sep 20.

2018 Alghnam S, Towhari J, Alkeya M, Binahmad A, **Bell TM**. The effectiveness of introducing detection cameras on compliance with mobile phone and seatbelt laws: a before-after study among drivers in Riyadh, Saudi Arabia. *Inj Epidemiol*. 2018 Aug 6;5(1):31

2018 **Bell TM**, Vetor A, Zarzaur BL. "Prevalence and Treatment of Depression and Posttraumatic Stress Disorder among Trauma Patients with Non-neurological Injuries. *J Trauma.* In press

2018 Crafts TD, **Bell TM**, Srisuwananukorn A, Applebaum H, Markel TA. Accounting for early job turnover in recent pediatric surgery fellowship graduates: An American Pediatric Surgical Association Membership and Credentials Committee study. *J Pediatr Surg*. 2018 Apr 27

2018 Kays J, Sahda S, Koniaris L, **Bell TM**, Melissa S, et al. Three Cachexia Phenotypes and the Impact of Fat-Only Loss on Survival in FOLFIRINOX Therapy for Pancreatic Cancer. *JCSM Clinical Reports.* Aug;9(4):673-684.

2018 Kays J, Liang T, Murphy M, Kim B, Milgrom D, Fajardo A, **Bell TM**, Abduljabar H, Zimmers T, Koniaris L. Sarcopenia is a significant predictor of Mortality after Abdominal Aortic Aneurysm Repair. *JCSM Clinical Reports.* In press

2018 McKinley TO, McCarroll T, Metzger C, Zarzaur BL, Savage SA, **Bell TM**, Gaski GE. Shock Volume: Patient-Specific Cumulative Hypoperfusion Predicts Organ Dysfunction in a Prospective Cohort of Multiply Injured Patients. *J Trauma Acute Care Surg*. Jul;85(1S Suppl 2):S84-S91

2018 Fecher A, Valsangkar N, Rozycki G, **Bell T**, Koniaris L. Current State Of Women In Academic Surgical Subspecialties: How A New Metric in Measuring Academic Productivity May Change the Equation? *Am Surg.* May 1;84(5):746-748

2018 Drucker N, McDuffie L, Groh E, Hackworth J, **Bell T**, et al. Physical Examination is the Best Predictor of the Need for Abdominal Surgery in Children Following Motor Vehicle Collision. The *J Emerg Med.* 2017 Oct 26

2018  **Bell TM**, Gilyan D, Moore BA, Martin J, Ogbemudia B, McLaughlin BE, Moore R, Simons, CJ, Zarzaur BL. Long-term Evaluation of a Hospital-Based Violence Intervention Program using a Regional Health Information Exchange. *J Trauma Acute Care Surg.* 2018 Jan;84(1):175-182.

2017 Jenkins PC, Stokes S, **Bell TM**, & Zarzaur BL. Clinical Indicators of Hemorrhagic Shock in Pregnancy. *Trauma Surgery & Acute Care Open*;2:e000112. doi: 10.1136/tsaco-2017-000112

2017 Milgrom DP, Koniaris LG, Valsangkar NP, Lad N, **Bell TM**, Wojcik B, Zimmers TA. An Assessment of the Academic Impact of Shock Society Members. *Shock*. 2017 Nov 3.

2017 **Bell TM**, Stokes S, Jenkins PC, Hatcher L, Fecher AM. Prevalence of Cardiovascular and Respiratory Complications Following Trauma in Patients with Obesity. *Heart Lung.* 2017 Sep - Oct;46(5):347-350.

2017 Zarzaur BL, **Bell TM**, Zanskas SA. Resiliency and Quality of Life Trajectories after Injury. *J Trauma Acute Care Surg.* 2017 May;82(5):939-945

2017 Markel TA, Valsangkar NP, **Bell TM**, Kiel BA, Zimmers TA, Koniaris LG. Endangered Academia: preserving the pediatric surgeon scientist. *J Pediatr Surg.* 2017 Jul;52(7):1079-1083

2017 Chan KH, Benneyworth BD, Carroll AE, **Bell T**. Validation of antibiotic charges in administrative data for outpatient pediatric urologic procedures. *J Pediatr Urol.* 2017 Apr;13(2):185-186

2016 Kumar M, Turrentine MW, Rodefeld MD, **Bell T**, Brown JW. Right Ventricular Outflow Tract Reconstruction With a Polytetrafluoroethylene Monocusp Valve: A 20-Year Experience. *Semin Thorac Cardiovasc Surg.* 2016 Summer;28(2):463-470

2016 Chan KH, Benneyworth B, **Bell TM**, Carroll A. Variation in surgical antibiotic prophylaxis for outpatient pediatric urologic procedures at U.S. children's hospitals. *J Urol.* 2017 Mar;197(3 Pt 2):944-950.

2016 Kim BJ, Valsangkar NP, Liang TW, Murphy MP, Zimmers TA, **Bell TM**, Davies M, Koniaris L. Impact of Integrated Vascular Fellowships on Academic Productivity within Vascular Surgery Divisions. *Ann Vasc Surg.* 2017 Feb;39:242-249.

2016 Qiao N & **Bell TM**. Indigenous Adolescents' Suicidal Behaviors and Risk factors: Evidence from the National Youth Risk Behavior Survey. *J Immigr Minor Health.* 2017 Jun;19(3):590-597.

2016 **Bell TM**, Bayt DR, Jenkins PC, Stokes SM, Yoder J, and Fecher AM. Infectious Complications in Obese Patients Following Trauma Journal of Surgical Research. *J Surg Res.* 2016 Aug;204(2):393-397

2016 Valsangkar N, Fecher AM, Rozycki GS, Blanton C, **Bell TM**, Freischlag J, Ahuja N, Zimmers TA, & Koniaris LG. Understanding the barriers to hiring and promoting women in surgical subspecialties. *JACS* 2016 Aug;223(2):387-398.e2.

2016 Ekser B, Fridell JA, Mangus RS, Kubal CA, Nagai S, Bay DR, **Bell TM**, Powelson JA, Goggins WC, & Tector JA. A novel approach in combined liver and kidney transplantation with long-term outcomes. *Annals of Surgery,* in press.

2016 Valsangkar NP, Blanton C, Mayo J, Rozycki GS, **Bell TM**, Zimmers TA, Feliciano DV, & Koniaris LG. Is there an impending loss of academically productive trauma surgical faculty? An analysis of 4,015 faculty. *J Trauma,* 2016 Aug;81(2):244-53.

2016 Hammer P.M., Storey AC, Bayt D.R., **Bell T.M**., & Zarzaur B.L.Improving Geriatric Trauma Outcomes: A Small Step Toward a Big Problem. *J Trauma* 2016 Jul;81(1):162-7.

2016 **Bell T.M**., Valsangkar N, Joshi M, Mayo J, Blanton C, Zimmers T, Torbeck L, & Koniaris L.The role of PhD faculty in advancing research in departments of surgery. *Ann Surg.* 2017 Jan;265(1):111-115.

2016 Frantz TL, Steenburg SD, Gaski GE, Zarzaur BL, **Bell TM**, McCarroll T, McKinley TO.Tissue Damage Volume Predicts Multiple Organ Failure and Inflammation. *Journal of Surgical Research,* 2016 May 1;202(1):188-95.

2016 Zarzaur B.L. & **Bell T.M.** Trajectory Subtypes after Injury: Implications in the Era of Patient Centered Outcomes. *Journal of Surgical Research,* 2016 May 1;202(1):103-10.

2016 **Bell T.M.,** Qiao N., Fecher A.M. Trends in emergency department visits for nonfatal violence-related injuries among adolescents in the United States, 2009-2013. *Journal of Adolescent Health* 2016 May;58(5):573-5.

2016 Qiao N. & **Bell T.M.** State all-driver distracted driving laws and high school students' texting while driving behavior. *Traffic Inj Prev*. 2;17(1):5-8.

2015 Soleimani T., **Bell T.M.,** Greathouse S.T., Sood R., Tahiri Y., Flores R.L., Nosrati N., Tholpady, S.S. Epidemiology and Cause-Specific Outcome of Facial Fracture in Hospitalized Children. *J Craniomaxillofac Surg.* 43(10):1979-85.

2015 Gaski G., Frantz T., Steenburg S., **Bell T**., McKinley T. Large magnitude pelvic damage predicts organ failure. *Clinical Orthopaedics and Related Research* 2016 Jun;474(6):1410-6.

2015 Bayt D.R. & **Bell T.M.** Trends in pediatric sports-related injuries presenting to US emergency departments, 2001-2013. *Inj Prev.* 2016 Oct;22(5):361-4.

2015 Savage S.A., Sumislawski J.J., **Bell T.M.**, & Zarzaur B.L. Utilizing group-based trajectory modeling to understand patterns of hemorrhage and resuscitation. *Ann Surg.* 2016 Dec;264(6):1135-1141.

2015 **Bell T.M.**, Zarzaur B.L., Wang, J., Nolly R., Ozdenerol E., & Relyea G. Predictors of functional status trajectories after injury in a nationally representative U.S. older adult population. *Ann Epidemiol.* 25(12):894-900.

2015 Valsangkar N, Zimmers TA, Kim BL, Blanton C, Joshi M, **Bell T.M.**, Nakeeb A, Dunnington GL, Koniaris LG. Determining the Drivers of Academic Success in Surgery: An Analysis of 3,449 Faculty. *PLoS One.* 10(7):e0131678.

2015 Shahan C.P., **Bell T.M**., Paulus E., & Zarzaur BL. Emergency General Surgery Outcomes at Safety Net Hospitals. *J Surg Res.* 196(1):113-7.

2015 **Bell T.M.**, Boustany K.C., & Zarzaur B.L. Trauma Center Volume and Its Relationship to Complication, Failure to Rescue, and Mortality Outcomes. *J Surg Res.* 196(2):350-7.

2015 **Bell T.M.** & Zarzaur B.L. Smoker’s Paradox’ in Patients Treated for Severe Injuries: Lower Risk of Mortality after Trauma Observed in Current Smokers. *Nicotine Tob Res.* (12):1499-504.

2015 **Bell T.M**., Qiao N., & Zarzaur B.L. Mature Driver Laws and State Predictors of Motor Vehicle Crash Fatality Rates among the Elderly. *Traffic Inj Prev.* 16(7):669-76.

2015 **Bell T.M.** & Zarzaur B.L. The Impact of Pre-Existing Comorbidities on Failure to Rescue Outcomes in Non-Elderly Trauma Patients. *J Trauma Acute Care Surg*. 78(2):312-7.

2013 **Bell T.M.** & Zarzaur B.L. Insurance Status Is a Predictor of Failure-to-Rescue in Trauma Patients at Both Safety Net and Non-Safety Net Hospitals. *J Trauma Acute Care Surg* 2 (4):728-33.

2013 Zarzaur B. L., **Bell T.M**., Croce M.A.**,** & Fabian T.C. Geographic variation in susceptibility to ventilator-associated pneumonia after traumatic injury. *J Trauma Acute Care Surg* 75(2):234-40.

2010 Rubnitz J., Inaba H., Ribeiro R., Pounds S., Rooney B., **Bell T.,** Pui C.H., & Leung W. NKAML, a pilot study to determine the safety and feasibility of haploidentical natural killer cell transplantation in childhood acute myeloid leukemia. *J Clin Oncol* 20;28(6):955-9.

2009 Bari R., **Bell T**., Leung W-H., Vong Q., Chan W.K., Das Gupta N., Holladay M., Rooney B. & Leung W. Significant functional heterogeneity among KIR2DL1 alleles and a pivotal role of arginine245. *Blood* 10;114(25):5182-90.

## Conference Presentations (partial list)

2018  **Bell TM**, Raymond J, Vetor A, Mongalo A†, Adams Z, Rouse T, and Carroll A. Long-term Prescription Opioid Utilization after Pediatric Trauma (Podium presentation, Pediatric Trauma Society 2018, Joseph Tepas Paper Competition)

2018 **Bell TM**, Harle C, Watson D, Carroll A.Risk Factors for Prescription Opioid Misuse after Traumatic Injury in Adolescents (Distinguished Oral Presentation, Association for Clinical and Translational Science 2018)

2017 Alghnam S, **Bell TM**, Alqahtan F, Cook L.The association between rehabilitative services and health outcomes: A retrospective analysis of traumatic brain injury (TBI) patients in Saudi Arabia (Podium presentation, SAVIR 2017)

2017 **Bell T.M.,** Hackworth J, Carroll AE.Assessment of Outpatient Complications and Secondary Health Conditions in Traumatically Injured Children using a Health Information Exchange (Podium presentation, Pediatric Trauma Society 2017)

2017 Ogbemudia B**.,** Hackworth J, Rouse T, **Bell TM**.Assessing Outpatient Follow-up Care Compliance in Children Hospitalized for Traumatic Abdominal Injuries. (Podium presentation, American Public Health Association 2017)

2017 **Bell T.M.,** Hackworth J, Carroll AE.Assessment of Outpatient Complications and Secondary Health Conditions in Traumatically Injured Children using a Health Information Exchange (Podium presentation, American Public Health Association 2017)

2016 **Bell T.M.,** Alghnam S, Jenkins P, Storey A, & Fecher AM.The Impact of American College of Surgeons Trauma Center Verification on Unexpected Death after Injury (Poster presentation, American Public Health Association 2016)

2016 Qiao N, Carroll AE & **Bell T.M.** National Instant Criminal Background Check System and High School Students’ Gun Carrying Behavior (Poster presentation, American Public Health Association 2016)

2016 Qiao N, Carroll AE & **Bell T.M.** An Analysis of Marketplace Child Dental Plan Premium Variations (Poster presentation, American Public Health Association 2016)

2015 Yoder J., Bayt R., Stokes S., & **Bell T.M.** Impact of obesity on length of hospital stay and mortality before discharge for surgical trauma patients. (Poster presentation, National Conference on Health Statistics 2015)

2015 Bayt R., Stokes S., Yoder J. & **Bell T.M**. Obesity and the association with infectious complications following traumatic injury. (Poster presentation, National Conference on Health Statistics 2015)

2015 Stokes S., Bayt R., Yoder J. & **Bell T.M**. Incidence of cardiac and respiratory complications following trauma for obese versus non-obese patients.(Poster presentation, National Conference on Health Statistics 2015)

2015 Zarzaur B.L., **Bell T.M**., & Zanskas S.A. Resiliency and quality of life trajectories after injury. (Poster presentation, AAST Conference 2015)

2015 Jenkins P.C., Stokes S., Coleman J., **Bell T.M.**, & Zarzaur B.L. Clinical indicators of hemorrhagic shock in pregnancy. (Poster presentation, AAST Conference 2015)

2015 Storey A., Hammer P., Bayt D., **Bell T.M.,** & Zarzaur B.L. Improving outcomes of injured geriatric patients: small steps, bigger problem. (Podium presentation, Eastern Association of Trauma Conference 2015)

2015 Alqahtani F., **Bell T.M**., Alghnam S. The Association Between Injuries and Suboptimal Health of Children: Results from a Nationally Representative Survey in the United States. (American Academy of Pediatrics National Conference 2015)

2015 Valsangkar N.P, Rozycki G.S., Blanton C., Zimmers T.A., **Bell T.M**., Feliciano D.V., & Koniaris L.G. Is there an impending loss of academically-productive trauma surgeons? (Plenary presentation, American Association for the Surgery of Trauma Conference 2015)

2015 Bayt D.R. & **Bell T.M.** Trends in pediatric sports-related injuries presenting to US emergency departments, 2001-2013. (Poster presentation, APHA Conference 2015)

2015 Stokes S. & **Bell T.M.** Trend Analysis of ED Utilization for Patients Presenting with Chest Pain from 2010-2012. (Podium presentation, American Public Health Association Conference 2015)

2015 **Bell T.M**., Qiao N., & Fecher A.M. Causes of Non-Fatal and Fatal Violence-Related Injuries among Children in the United States, 2001-2013.(Podium presentation, American Public Health Association Conference 2015)

2015 **Bell T.M**., Jenkins P., Fecher A.M., & Zarzaur B.L. Impact of Prehospital Times on Major In-hospital Complication after Trauma.(Podium presentation, APHA Conference 2015)

2015 **Bell T.M,** Jenkins P., Zarzaur B.L. The influence of patient volume on failure to rescue outcomes at level I and II U.S. trauma centers. (Poster presentation, Academy Health Conference 2015)

2014 **Bell T.M,** Zarzaur B.L., & Fecher A.M. Validation of a Risk Score For Predicting Unplanned Intubation in Postoperative Patients. (Poster presentation, Central Surgical Association Conference 2015)

2014 Zarzaur B.L. & **Bell T.M.** Trajectory Subtypes After Injury: Implications In The Era Of Patient Centered Outcomes. (Podium presentation, Academic Surgical Congress Conference 2015)

2014Soleimani T., **Bell T.M.**, Tahiri Y., Sood R., Flores R.L., Nosrati N., Tholpady S.S. Epidemiology and Cause-Specific Outcome of Facial Fracture in Hospitalized Children in the US. (Podium presentation, Academic Surgical Congress Conference 2015)

2014 **Bell T.M.** & Zarzaur B.L. Functional Status Trajectories and Predictors of Long-Term Functional Outcomes in Older Adults after Injury. (Podium presentation, American Public Health Association Conference 2014)

2014 **Bell T.M.** & Zarzaur B.L.Assessing the Relationship between Health Insurance and Medical Care Use on Long-Term Functional Outcomes after Injury in Older Adults. (Poster presentation, Academy Health Annual Research Meeting 2014)

2014 Shahan C.P., Paulus E., **Bell T.M.**, and Zarzaur B.L. Emergency General Surgery Outcomes at Safety Net Hospitals. (Poster presentation, Academic Surgical Congress Conference 2014)

2013 **Bell T.M.** & Zarzaur B.L. Mature Driver Laws and State Predictors of Motor Vehicle Crash Fatality Rates among the Elderly. (Poster presentation, American Public Health Association Conference, November 2013)

2013 **Bell T.M.** & Zarzaur B.L. Travel Time to Primary Care Providers and Non-Urgent EMS Use. (Poster presentation, URISA's GIS and Public Health Conference, June 2013)

2013 **Bell T.M.** & Zarzaur B.L. The Impact of Pre-Existing Comorbidities on Failure to Rescue Outcomes in Trauma Patients. (Poster presentation, International Society for Pharmacoeconomics and Outcomes Research Conference, May 2013)