Eastern Association for the Surgery of Trauma (EAST)
32nd Annual Scientific Assembly
SCIENTIFIC SESSIONS

WEDNESDAY, JANUARY 16, 2019

8:00 am-11:45 am Short Courses – Pre-registration Required

The Insider’s Guide to Kickstarting Your Research Career: What No One Ever Tells You About Becoming a Surgeon-Scientist
Presented by the EAST Research-Scholarship Committee
Location: Room 402-403, 4th Floor
Moderator: Robert D. Winfield, MD
Speakers:
Brandon Bruns, MD – Understanding local hiring practices
Rachael A. Callcut, MD, MSPH – What features does my ideal fit possess?
Michael W. Cripps, MD – What is my area of focus going to be?
Daniel N. Holena, MD, MSCE – Compensation/Rewards
Bellal Joseph, MD – Time and work commitment
David King, MD – Running an effective lab/team meetings
Jose L. Pascual, MD, PhD – What are my strengths and weaknesses?
Heena P. Santry, MD, MS – What do I need from a program to be successful & how do I negotiate it?
D. Dante Yeh, MD – Utilizing unpaid volunteers
Robert D. Winfield, MD – Handling difficult situations
Tanya L. Zakrison, MD, MPH – What am I trying to achieve?

How to Strategically Design, Implement, & Expand a Hospital-Based Injury Prevention Program
Presented by the EAST Injury Control & Violence Prevention Committee
Location: Room 408-409, 4th Floor
Moderator: Shea Gregg, MD
Speakers:
Ann Dyke, BHScN, MN, RN – How to increase the scale of geriatric injury prevention
Angela Fiege, MD – Rachael’s first week: Turning tragedy into prevention by beginning a novel intervention program targeting young adults
Michaela Graham, MPH – Applying a public health framework to injury prevention program development and implementation
Melissa Hockaday, MSN, ACNP-BC, TCRN – Model program principles and development
Katie Hokanson – Statewide intervention strategies and how hospital programs can combine efforts
Laurie Punch, MD – Life outside of violence: City-wide multi-agency effort to offer high-level violence prevention & increase data sharing

Developing a Trauma Quality & Safety Program
Presented by the EAST Quality, Safety, & Outcomes Committee
Location: Room 502-503, 5th Floor
Operationalizing the Trauma PI Plan:
Oscar Guillamondegui, MD, MPH – Multidisciplinary Teams
Jorie Klein, RN, BSN – Data Collection & Training
Trauma Registry: Essentials of Trauma Registries & Other Data Resources
Joan Pirrung, MSN, APRN, ACNS-BC – Trauma Registry
Elliott R. Haut, MD, PhD – Audits & National Benchmarks
Trauma Metrics: TQIP
Kevin Schuster, MD, MPH – Interpretation & Variance Identification
Bruce Crookes, MD – Using Data to Change Practice

Trauma Quality & Safety Committee
Christopher Dente, MD – Membership-Multidisciplinary
Sean Elwell, MSN, RN, NE-BC, TCRN, EMT – Creating the PI Agenda

Trauma Peer Review
Jose Diaz, MD – Peer Review: Institutional Integration & Risk Management
Glen Tinkoff, MD – Just Culture: Confidentiality & Peer Protection
WEDNESDAY, JANUARY 16, 2019 continued

12:00 pm-12:30 pm Flag Presentation and Opening Remarks
Location: JW Grand Ballrooms 6-8

SCIENTIFIC SESSION I – RAYMOND H. ALEXANDER, MD RESIDENT PAPER COMPETITION
Presiding: Andrew C. Bernard, MD & Rachel L. Warner, DO
12:30 pm-2:30 pm
Location: JW Grand Ballrooms 6-8

12:30 pm #1 PERCEIVED LOSS OF SOCIAL SUPPORT AFTER NON-NEUROLOGIC INJURY NEGATIVELY IMPACTS RECOVERY
Presenter: Bryan Carr, MD
Discussant: Stephanie Bonne, MD

12:50 pm #2 COLD-STORED WHOLE BLOOD PLATELET FUNCTION IS PRESERVED IN INJURED CHILDREN WITH HEMORRHAGIC SHOCK
Presenter: Christine M. Leeper, MD
Discussant: Randall S. Burd, MD

1:10 pm #3 EFFICACY OF INTERMITTENT VERSUS STANDARD REBOA IN A LETHAL SOLID ORGAN INJURY MODEL
Presenter: John P. Kuckelman, DO
Discussant: Joseph J. DuBose, MD

1:30 pm #4 ASSOCIATION BETWEEN ENHANCED OVERNIGHT OPERATING ROOM ACCESS AND MORTALITY FOR TRUE LIFE-THREATENING SURGICAL DISEASE
Presenter: Vijaya T. Daniel, MD, MPH
Discussant: Kimberly A. Davis, MD, MBA

1:50 pm #5 REGIONAL DISPARITIES IN ACCESS TO VERIFIED BURN CENTER CARE IN THE UNITED STATES
Presenter: Heather E. Carmichael, MD
Discussant: Laura S. Johnson, MD

2:10 pm #6 THE BRAIN TRAUMA OUTCOME SCORE (BTOS): ESTIMATING MORTALITY AFTER A TRAUMATIC BRAIN INJURY
Presenter: Mohammad Hamidi, MD
Discussant: Deborah M. Stein, MD, MPH

2:30 pm-2:45 pm Break – Refreshments in the Exhibit Area
SCIENTIFIC SESSION II – RAYMOND H. ALEXANDER, MD RESIDENT PAPER COMPETITION
Presiding: Elliott R. Haut, MD, PhD & John P. Kuckelman, DO
2:45 pm-4:25 pm
Location: JW Grand Ballrooms 6-8

2:45 pm #7 HOW LOW CAN YOU GO: ACHIEVING POST-OPERATIVE OUTPATIENT PAIN CONTROL WITHOUT OPIOIDS
Presenter: Alex Bulanov, DO
Discussant: Andrew C. Bernard, MD

3:05 pm #8 AN INFECTIONOUS PULMONARY INSULT POST-TBI WORSENS SUBSEQUENT SPATIAL LEARNING AND NEUROLOGICAL OUTCOMES
Presenter: Christina Jacovides, MD
Discussant: Matthew E. Lissauer, MD

3:25 pm #9 PREPERITONEAL BALLOON TAMPONADE AND RESUSCITATIVE BALLOON OCCLUSION OF THE AORTA: ALTERNATIVES TO OPEN PACKING FOR PELVIC FRACTURE-ASSOCIATED HEMORRHAGE
Presenter: Woo Do, MD
Discussant: Ronald B. Tesoriero, MD

3:45 pm #10 FUNCTIONAL RECOVERY AND POSTTRAUMATIC STRESS DISORDER AFTER INJURY: EDUCATION IS AN IMPORTANT PREDICTOR
Presenter: Juan P. Herrera-Escobar, MD
Discussant: Joseph V. Sakran, MD, MPH, MPA

4:05 pm #11 EARLY INSULIN THERAPY ABROGATES STRESS ASSOCIATED HYPERGLYCEMIA EFFECTS ON THE GLYCOCALYX-ENDOTHELIAL VASCULAR BARRIER
Presenter: Jonathan Martin, MD
Discussant: Alicia M. Mohr, MD

End of Raymond H. Alexander, MD Resident Paper Competition

4:30 pm-5:30 pm Opening Keynote – Presidential Address
EAST: A Legacy of Inclusion
Andrew C. Bernard, MD, FACS
Location: JW Grand Ballrooms 6-8

5:40 pm-6:40 pm EAST Annual Business Meeting – Open to all EAST Members
Location: JW Grand Ballrooms 6-8
THURSDAY, JANUARY 17, 2019

7:00 am-8:10 am
No Suit, No Problem Networking Breakfast
Presented by the EAST Career Development Committee
Location: JW Grand Ballroom 5

8:15 am-9:00 am
EAST Annual Oriens Presentations
Presented by the EAST Career Development Committee
Supported by an unrestricted grant from the Polk Family Charitable Foundation
Location: JW Grand Ballrooms 6-8
8:20 am-8:50 am Keynote Address
The Yin and Yang of Life as a Surgeon
Andrew B. Peitzman, MD, FACS

8:50 am-9:00 am 2018 EAST Oriens Essay Presentations
Resident Winner – Danby Kang, MD
Fellow Winner – Lisa M. Kodadek

9:00 am-10:00 am Parallel Plenary Sessions

Engage the Masters
Presented by the EAST Career Development Committee
Location: JW Grand Ballrooms 6-8
Moderators: Eric Bradburn, DO, Stefan Leichtle, MD, Gregory Peck, DO, & Ayodele Sangosanya, MD
Masters: Amy J. Goldberg, David H. Livingston, MD, & Kenneth L. Mattox, MD
Case Presentations:
Gabrielle E. Hatton, MD – Austere Environment Case
Megan T. Quintana, MD – Trauma Case
Charles Fredericks, MD – Emergency General Surgery Case

From Burnout to Suicide: How Do We Protect Ourselves & Each Other?
Presented by the EAST Mentoring Committee
Location: JW Grand Ballroom 5
Moderator: Thomas Duncan, DO
Speakers:
Sharmila Dissanaike, MD - Risk Factors associated with healthcare related burnout/depression
Joseph Sakran, MD, MPH, MPA - Treatment options for individuals facing healthcare related burnout/depression
Michael Sise, MD - Tools/preventive strategies for healthcare providers facing burnout/depression

10:00 am-10:15 am Morning Break – Visit the Exhibit Hall – JW Grand Ballrooms 1-4
<table>
<thead>
<tr>
<th>Time</th>
<th>#</th>
<th>Title</th>
<th>Presenter</th>
<th>Discussant</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15 am</td>
<td>#12</td>
<td>BETTER UNDERSTANDING THE UTILIZATION OF DAMAGE CONTROL LAPAROTOMY: A MULTI-INSTITUTIONAL QUALITY IMPROVEMENT PROJECT</td>
<td>John A. Harvin, MD</td>
<td>Bryce R.H. Robinson, MD, MD, MS</td>
</tr>
<tr>
<td>10:35 am</td>
<td>#13</td>
<td>A SINGLE-CENTER PROSPECTIVE RANDOMIZED STUDY COMPARING THE EFFECTIVENESS OF 14 FRENCH PERCUTANEOUS CATHETERS(PIGTAIL) VERSUS 28-36 FRENCH CHEST TUBE IN THE MANAGEMENT OF TRAUMATIC HEMOTHORAX/HEMOPNEUMOTHORAX</td>
<td>Zachary M. Bauman, DO, MHA</td>
<td>Mark J. Seamon, MD</td>
</tr>
<tr>
<td>10:55 am</td>
<td>#14</td>
<td>PREDICTORS OF POST-TRAUMATIC RETAINED HEMOTHORAX: RESULTS OF AN EAST MULTI-INSTITUTIONAL TRIAL</td>
<td>Sarah A. Moore, MD</td>
<td>Narong Kulvatunyou, MD</td>
</tr>
<tr>
<td>11:15 am</td>
<td>#15</td>
<td>ANTICOAGULATION THERAPY IN PATIENTS WITH TRAUMATIC BRAIN INJURY (ACT-TBI): AN EAST MULTICENTER PROSPECTIVE STUDY</td>
<td>Kazuhide Matsushima, MD</td>
<td>Bellal Joseph, MD</td>
</tr>
<tr>
<td>11:35 am</td>
<td>#16</td>
<td>SAFETY PROFILE AND IMPACT OF LOW-TITER GROUP O WHOLE BLOOD FOR EMERGENCY USE IN TRAUMA</td>
<td>James Williams, BS</td>
<td>Lucy Z. Kornblith, MD</td>
</tr>
<tr>
<td>11:55 am</td>
<td>#17</td>
<td>PROLONGED PRE-HOSPITAL TREATMENT WITH ADENOSINE, LIDOCAINE, AND MAGNESIUM HAS INFERIOR SURVIVAL COMPARED TO CURRENT TACTICAL COMBAT CASUALTY CARE RESUSCITATION IN A PORCINE MODEL OF HEMORRHAGIC SHOCK</td>
<td>Remealle A. How, MD</td>
<td>Matthew J. Eckert, MD</td>
</tr>
</tbody>
</table>
PARALLEL SCIENTIFIC SESSION III-B – COX-TEMPLETON INJURY PREVENTION PAPER COMPETITION
Presiding: Joseph V. Sakran, MD, MPH, MPA & Tanya L. Zakrison, MD, MPH
10:15 am – 12:15 pm
Location: JW Grand Ballroom 5

10:15 am #18 USING THE TRAUMA REGISTRY TO GUIDE YOUR INJURY PREVENTION PROGRAMS
Presenter: Christopher A. Missler, RN, BSN
Discussant: Sean Elwell, MSN, RN, NE-BC, TCRN, EMT

10:35 am #19 DETERMINING THE INCIDENCE OF DISTRACTON AMONG TRAUMA PATIENTS IN ALL MODES OF TRANSPORTATION
Presenter: Brittany Le, BS
Discussant: Jamie J. Coleman, MD

10:55 am #20 PREVENTING TEEN DISTRACTED DRIVING: A PROGRAM FROM INITIATION THROUGH TO EVALUATION
Presenter: Peter Ehrlich, MD, MSc, H BSc
Discussant: Shannon M. Foster, MD

11:15 am #21 FALL PREVENTION INITIATIVE: A FALL SCREENING PILOT STUDY IN THE AMBULATORY SETTING
Presenter: Susan Kartiko, MD, PhD
Discussant: Linda Ding, MD

11:35 am #22 GOOGLE STREET VIEW ASSESSMENT OF ENVIRONMENTAL SAFETY FEATURES AT THE SCENE OF PEDESTRIAN INJURY
Presenter: Patrick D. Isola, BSChem
Discussant: Hee Soo Jung, MD

11:55 am #23 BICYCLE LANES: ARE WE RUNNING IN CIRCLES OR CYCLING IN THE RIGHT DIRECTION?
Presenter: James Palmer, MS
Discussant: Amy Stewart, MD

End of Cox-Templeton Injury Prevention Paper Competition

12:15 pm-1:30 pm Lunch on your own
1:30 pm-2:30 pm Parallel Plenary Sessions

EAST Master Class Surgical Videos Session
Presented by the EAST Annual Scientific Assembly Committee
Location: JW Grand Ballrooms 6-8
Moderators: Matthew Lissauer, MD & Adrian Maung, MD

- The Bigger They Are: Video Tips & Techniques for Managing Acute Care Surgery Emergencies in the Post-Bariatric Surgery Patient – Dominic M. Forte, MD, Madigan Army Medical Center
- From IPOM to TAR: Complex Minimally Invasive Abdominal Wall Reconstruction is in the Armamentarium of the Acute Care Surgeon – Andrea Pakula, MD, Kern Medical Center
- Successful Management of Injuries to the Portal Triad – Kenneth Conley Coleman, MD, West Virginia University
- Ultrasound in Trauma Resuscitation & Critical Care with Continuous Hemodynamic Trans-Esophageal Echocardiographic Guidance – Timothy Nowack, MD, Mercer University School of Medicine
- The Future is Now: Utilization of Evolving Technology in Trauma Care – Eugene F. Reilly, MD, Reading Trauma Center
THURSDAY, JANUARY 17, 2019 continued

1:30 pm-2:30 pm Parallel Plenary Sessions

Scientific Papers That Should Have Changed Your Practice
Presented by the EAST Manuscript & Literature Review Committee
Location: JW Grand Ballroom 5
Moderator: Damien Carter, MD
Speakers:
Gerard Baltazar, DO – Surgical Critical Care Manuscripts from 2018
Vanessa Ho, MD, MPH – Trauma Manuscripts from 2018
Nathan Mowery, MD – Emergency General Surgery from 2018

QUICK SHOTS PARALLEL SESSION I
Presiding: William C. Chiu, MD & Jeffrey A. Claridge, MD, MS
2:30 pm-3:30 pm
Location: JW Grand Ballrooms 6-8

2:30 pm  #1 EAST & AAST MEMBER ATTITUDES ON FIREARM INJURY PREVENTION AND ADVOCACY
Presenter: Deborah Kuhls, MD

2:36 pm  #2 MASS SHOOTINGS IN AN URBAN TRAUMA SYSTEM: A SILENT EPIDEMIC
Presenter: Jessica Beard, MD, MPH

2:42 pm  #3 INCREASED COSTS OF TRAUMA ACTIVATION FOR MINIMALLY INJURED PATIENTS
Presenter: Michael T. Scott, MD

2:48 pm  #4 OXYGEN MICROBUBBLES CORRECT ACUTE HYPOXIA IN A RAT MODEL OF SMOKE INHALATION INJURY
Presenter: Keely Buesing, MD

2:54 pm  #5 CORRELATION BETWEEN PTT AND XA VALUES IN AN ICU
Presenter: Lauren Steward, MD

3:00 pm  #6 SUCCESSFUL MANAGEMENT OF SELECT RADIOGRAPHIC INTRACRANIAL INJURIES IN A RURAL TRAUMA CENTER WITHOUT NEUROSURGEON COVERAGE USING A MODIFIED BRAIN INJURY GUIDELINE
Presenter: Mathew Edavettal, MD, PhD

3:06 pm  #7 INTRODUCTION OF A COLLABORATIVE PALLIATIVE CARE INITIATIVE ON AN ACUTE CARE SURGERY SERVICE
Presenter: Tess H. Aulet, MD

3:12 pm  #8 UNDERTRIAGE DESPITE USE OF GERIATRIC-SPECIFIC TRAUMA TEAM ACTIVATION GUIDELINES: WHO ARE WE MISSING?
Presenter: Ram V. Anantha, MD, MSc

3:18 pm  #9 ATRIAL FIBRILLATION AND A FALL: RISK SCORES DO NOT ACCURATELY STRATIFY FOR STROKE OR BLEED IN ELDERLY FALL VICTIMS
Presenter: Bryan Carr, MD

3:24 pm  #10 EARLY ANALYSIS OF LEVEL IV TRAUMA CENTERS WITHIN AN ORGANIZED TRAUMA SYSTEM
Presenter: Tawnya Vernon, BA
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 pm</td>
<td>#11</td>
<td>VALIDATION OF THE AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA (AAST) EMERGENCY GENERAL SURGERY SCORE FOR ACUTE APPENDICITIS: A POST-HOC SECONDARY ANALYSIS</td>
<td>Georgia Vasileiou</td>
</tr>
<tr>
<td>2:36 pm</td>
<td>#12</td>
<td>A COMPARATIVE STUDY ON THE EFFICACY OF HYPERTONIC SALINE BOLUS OR CONTINUOUS INFUSION FOR THE TREATMENT OF CEREBRAL EDEMA AND ELEVATED INTRACRANIAL PRESSURE FOLLOWING TRAUMATIC BRAIN INJURY</td>
<td>Matthew Lamb, MD</td>
</tr>
<tr>
<td>2:42 pm</td>
<td>#13</td>
<td>A NOVEL USE OF THE TRAUMA REGISTRY: INCIDENTAL FINDINGS IN THE TRAUMA PATIENT</td>
<td>Jordan Shealy, MD</td>
</tr>
<tr>
<td>2:48 pm</td>
<td>#14</td>
<td>A NOVEL PROTOCOL TO MAINTAIN CONTINUOUS ACCESS TO THAWED PLASMA AT A RURAL TRAUMA CENTER</td>
<td>Cara Hannigan, MD</td>
</tr>
<tr>
<td>2:54 pm</td>
<td>#15</td>
<td>GENDER DIFFERENCES IN NATIONWIDE OUTCOMES AND HOSPITALIZATION COSTS FOR INTIMATE PARTNER VIOLENCE</td>
<td>Tanya L. Zakrison, MD, MPH</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>#16</td>
<td>LIMITATIONS OF AVAILABLE BLOOD PRODUCTS FOR MASSIVE TRANSFUSION DURING MASS CASUALTY EVENTS AT US LEVEL 1 TRAUMA CENTERS</td>
<td>James Williams, BS</td>
</tr>
<tr>
<td>3:06 pm</td>
<td>#17</td>
<td>YOUNG LIVES CUT SHORT-THE RELATIONSHIP BETWEEN FIREARMS AND PEDIATRIC SUICIDE</td>
<td>Robert J. McLoughlin, MD</td>
</tr>
<tr>
<td>3:12 pm</td>
<td>#18</td>
<td>PREDICTING LENGTH OF STAY FOR TRAUMA AND EMERGENCY GENERAL SURGERY PATIENTS</td>
<td>Benjamin Stocker, MD</td>
</tr>
<tr>
<td>3:18 pm</td>
<td>#19</td>
<td>COMPARING REALITY TO CONSENSUS: REPORTED OPIOID USE VS. CLINICIAN CONSENSUS RECOMMENDATIONS</td>
<td>Kortney A. Robinson, MD</td>
</tr>
<tr>
<td>3:24 pm</td>
<td>#20</td>
<td>HIGHER INJURY SEVERITY SCORE IS ASSOCIATED WITH INFLAMMATORY STATE AND SEVERE ANEMIA</td>
<td>Elizabeth S. Miller, MD</td>
</tr>
</tbody>
</table>

3:30 pm-3:45 pm Afternoon Break – Visit the Exhibit Hall – JW Grand Ballrooms 1-4
THURSDAY, JANUARY 17, 2019 continued

3:45 pm-5:00 pm  Parallel Plenary Sessions

EAST Presidential Plenary Session - #EAST4All: An Introduction to the EAST Equity, Quality, & Inclusion in Trauma Surgery Practice Ad Hoc Task Force  
Presented by the EAST Equity, Quality, & Inclusion in Trauma Surgery Practice Ad Hoc Task Force  
Location: JW Grand Ballrooms 6-8  
Moderators: Tanya L. Zakrison, MD, MPH & Brian Williams, MD  
Speakers:  
Patricia Byers, MD & Kimberly Joseph, MD – Testimonial: Implicit Gender Bias in Early Career  
Bellal Joseph, MD & William Lynn Weaver, MD – Testimonial: Racial Bias & Early Career  
Sandra DiBrito, MD, PhD & Paula Ferrada, MD - Testimonial: Gender Identity & Sexual Orientation Bias  
Stephanie Bonne, MD & Rishi Rattan, MD – Sticky Floors & Glass Ceilings in Trauma: How Gender Disparity & Unconscious Bias Affects Trauma Teams & Leadership in Trauma  
D’Andrea Joseph, MD, Haytham Kaafarani, MD & Ariel Santos, MD – Racial Inequity in Trauma Surgery: How Racism or Country of Origin Bias Prevents Trauma Teams from Thriving  
Brian Williams, MD, Robert Winfield, MD & Tanya Zakrison, MD, MPH – How EAST is Taking a Leadership Role in Identifying & Mitigating Discrimination & Bias to Encourage Diversity in our Profession

Integration of a Best Practice Radiology Guideline in the Trauma Population  
Presented by the Society of Trauma Nurses (STN)  
Location: JW Grand Ballroom 5  
Moderator: Elizabeth Seislove, RN, MSN, CCRN  
Speakers:  
Mark Bernstein, MD – Principles of the Development of the Radiology Best Practice Guideline & Application to Practice  
Gail Tominaga, MD – Review of the TQIP Radiology Best Practice Guideline  
Jorie Klein, RN, BSN – Implementation of the Radiology Guideline

PARALLEL QUICK SHOTS SESSION III  
Presiding: Daniel J. Bonville, DO & Robert D. Winfield, MD  
5:00 pm – 6:15 pm  
Location: JW Grand Ballrooms 6-8

5:00 pm  #21  PLATELET INHIBITION IN SEVERELY-INJURED CHILDREN IS ASSOCIATED WITH TRAUMATIC BRAIN INJURY  
Presenter: Christine M. Leeper, MD

5:06 pm  #22  CRITICAL TRAUMATIC BRAIN INJURY IS ASSOCIATED WITH WORSE COAGULOPATHY  
Presenter: Daniel Cucher, MD, MS

5:12 pm  #23  ABDOMINAL SEATBELT SIGN: EXCLUSION OF HOLLOW VISCOUS INJURY IS EASIER THAN PREDICTION  
Presenter: Patrick Delaplain, MD

5:18 pm  #24  SAVE 2.0: SIMULATION TEAM-TRAINING FOR PENETRATING INJURIES  
Presenter: Emily J. Onufer, MD, MPH

5:24 pm  #25  INJURIES RESULTING FROM "AIR GUNS" AT FIVE PEDIATRIC LEVEL 1 TRAUMA CENTERS  
Presenter: Nadja Apelt, MD

5:30 pm  #26  USE OF HELICOPTERS FOR RETRIEVAL OF TRAUMA PATIENTS: A GEOSPATIAL ANALYSIS  
Presenter: Weston A. Smedley, BSc
THURSDAY, JANUARY 17, 2019 continued

5:36 pm  #27  UNPLANNED READMISSION AFTER TRAUMATIC INJURY: A LONG-TERM NATIONWIDE ANALYSIS
Presenter:  Hiba Ezzeddine, MD

5:42 pm  #28  RISK FACTORS FOR INTENSIVE CARE UNIT ADMISSION FOR TRAUMA PATIENTS ADMITTED TO THE FLOOR: A TQIP ANALYSIS
Presenter:  Michael Mazzei, MD, MS

5:48 pm  #29  EFFECT OF HEMORRHAGE CONTROL ADJUNCTS IN SEVERE PELVIC FRACTURE: A MULTI-INSTITUTIONAL STUDY
Presenter:  Juan Duchesne, MD

5:54 pm  #30  INTEGRATING COMORBIDITIES IN TRAUMA INJURY SEVERITY SCORING SYSTEM: DOES IT MATTER?
Presenter:  Adel Elkbuli, MD, MPH

6:00 pm  #31  ELECTRONIC MONITORING OF PRACTICE MANAGEMENT GUIDELINES: THE FUTURE OF COMPLIANCE
Presenter:  Abby McCall, PA-C

6:06 pm  #32  EXPRESSION OF HIGH MOBILITY GROUP BOX 1 PROTEIN IN A POLYTRAUMA MODEL TREATED WITH ECLS AT GROUND LEVEL AND HIGH ALTITUDE
Presenter:  Jae Choi, PhD, DVSc

PARALLEL QUICK SHOTS SESSION IV
Presiding:  Brad Dennis, MD & Paula Ferrada, MD
5:00 pm-6:15 pm
Location: JW Grand Ballroom 5

5:00 pm  #33  PHENYLEPHRINE PROTECTS THE ENDOTHELIAL GLYCOCALYX IN A CELLULAR MODEL FOR SHOCK
Presenter:  Jessica Friedman, MD

5:06 pm  #34  DEVELOPMENT OF A CLINICAL TRACHEOSTOMY SCORE TO IDENTIFY SPINAL CORD INJURY PATIENTS REQUIRING PROLONGED VENTILATOR SUPPORT
Presenter:  Dane Scantling, DO, MPH

5:12 pm  #35  A SYSTEMATIC APPROACH FOR TRAUMA TEAM MEMBERS (TTMS) TO COPE AFTER MASS CASUALTY INCIDENTS (MCIS)
Presenter:  Mayur Narayan, MD, MPH, MBA, MHPE

5:18 pm  #36  QUANTIFYING GEOGRAPHIC BARRIERS TO TRAUMA CARE: URBAN-RURAL VARIATION IN PREHOSPITAL MORTALITY
Presenter:  Molly P. Jarman, PhD, MPH

5:24 pm  #37  ORGAN DONATION AFTER TRAUMA; A 30 YEAR REVIEW
Presenter:  Adam M. Ackerman, MD

5:30 pm  #38  ANALYSIS OF AN AMERICAN COLLEGE OF SURGEONS COMMITTEE ON TRAUMA (ACS-COT) APPROVED PILOT PROJECT TO INCREASE PROVIDER COMMUNICATION DURING INTER-HOSPITAL TRAUMA PATIENT TRANSFERS
Presenter:  Brian Fletcher, MS, RN, ACNP-BC

5:36 pm  #39  PATHWAY TO SUCCESS: IMPLEMENTATION OF AN INDEPENDENT MULTIPROFESSIONAL ACUTE TRAUMA HEALTHCARE TEAM DECREASES LENGTH OF STAY IN SEVERE TRAUMATIC BRAIN AND SPINAL CORD INJURY PATIENTS REQUIRING TRACHEOSTOMY
Presenter:  Alvin Perry, MD
THURSDAY, JANUARY 17, 2019 continued

5:42 pm  #40 MANAGEMENT AND OUTCOMES OF MODERN WARLIKE CERVICAL CAROTID INJURY
Presenter: Patrick F. Walker, MD

5:48 pm  #41 THE BEERS CRITERIA: NOT JUST FOR GERIATRICS ANYMORE? ANALYSIS OF BEERS MEDICATIONS IN NON-GERIATRIC TRAUMA PATIENTS AND THEIR ASSOCIATION WITH FALLS
Presenter: Adam Maerz, MD

5:54 pm  #42 PREVENTABLE DEATH AND INTERPERSONAL VIOLENCE IN THE UNITED STATES: WHO CAN BE SAVED?
Presenter: Heather E. Carmichael, MD

6:00 pm  #43 MAINTAINING THE HIGH: ILLICIT DRUG USE IS PREDICTIVE OF DELIRIUM AND MORTALITY IN THE ICU
Presenter: Vaidehi Agrawal, PhD

6:06 pm  #44 TRANEXAMIC ACID ADMINISTRATION AND NEUROLOGIC OUTCOMES IN A COMBAT SETTING: IS TXA IDEAL FOR TBI?
Presenter: Douglas R. Morte, MD

FRIDAY, JANUARY 18, 2019

7:00 am-7:45 am EAST Awards Ceremony & Recognition
Location: JW Grand Ballrooms 6-8

7:45 am-8:45 am Parallel Plenary Session & Quick Shots Session V

There are No Narcotics Left: Now What? Contemporary Options for Pain Management
Presented by the EAST Guidelines Committee
Location: JW Grand Ballrooms 6-8
Moderator: Babak Sarani, MD
Speakers:
Jonathan Messing, ACNP – Managing Patient Expectations & Alternatives to Conventional Medicine
Tom Scott, MD – Operative Management of Injury with the Goal of Lessing Pain & Role of Intraoperative Blocks
Kristen Conrad-Schnetz, DO – Improving Pain Control through Peer Recovery and the Trauma Survivors Network

QUICK SHOTS SESSION V – Clinical Science & Trauma Critical Care
Presiding: Daniel J. Grabo, MD & David S. Morris, MD
7:45 am-8:45 am
Location: JW Grand Ballroom 5

7:45 am  #45 ARTIFICIAL NEURAL NETWORKS CAN PREDICT TRAUMA VOLUME AND ACUITY: A MULTICENTER STUDY
Presenter: Brad Dennis, MD

7:51 am  #46 CITATION RATES OF INJURED INTOXICATED DRIVERS - HAVE WE IMPROVED OVER TIME?
Presenter: Michelle Yen, BA

7:57 am  #47 HYPOBARIA WITH AND WITHOUT VIBRATION REDUCED WHITE BLOOD CELL COUNT AND INFLAMMATORY CYTOKINES 48 HOURS AFTER SIMULATED AEROMEDICAL EVACUATION IN BLAST TBI RATS
Presenter: Debra Malone, MD

8:03 am  #48 REDEFINING MINIMAL TRAUMATIC BRAIN INJURY (mTBI): A NOVEL CT CRITERIA TO PREDICT INTERVENTION
Presenter: Michael R. Arnold, MD

8:09 am  #49 HIGH-PERFORMANCE ACUTE CARE HOSPITALS: EXCELLING ACROSS MULTIPLE EMERGENCY GENERAL SURGERY OPERATIONS IN THE GERIATRIC PATIENT
Presenter: Michael P. DeWane, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenter</th>
<th>Discussant</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15 am</td>
<td>#50</td>
<td>TWO URGENCY CATEGORIES, SAME OUTCOME: NO DIFFERENCE AFTER “THERAPEUTIC” VS “PROPHYLACTIC” FASCIOTOM</td>
<td>Megan T. Quintana, MD</td>
<td></td>
</tr>
<tr>
<td>8:21 am</td>
<td>#51</td>
<td>DRIVING BIOLOGY: THE EFFECT OF STANDARDIZED WOUND MANAGEMENT ON WOUND BIOMARKER PROFILES</td>
<td>Christopher J. Dente, MD</td>
<td></td>
</tr>
<tr>
<td>8:27 am</td>
<td>#52</td>
<td>ELDERLY PATIENTS PRESENTING TO A LEVEL I TRAUMA CENTER WITH A POLST FORM: A PROPENSITY-MATCHED ANALYSIS</td>
<td>Jessica Ballou, MD</td>
<td></td>
</tr>
<tr>
<td>8:33 am</td>
<td>#53</td>
<td>LAPAROSCOPIC VS OPEN COLECTOMY FOR COLONIC VOLVULUS: A NSQIP DATABASE REVIEW</td>
<td>Jordan M. Kirsch, DO</td>
<td></td>
</tr>
<tr>
<td>8:39 am</td>
<td>#54</td>
<td>ESTABLISHING THE LIMITS OF AGGRESSIVE RESUSCITATION IN PATIENTS WITH GUNSHOT WOUNDS TO THE BRAIN - AN EAST MULTICENTER STUDY</td>
<td>Leigh A. Robinson, MD</td>
<td></td>
</tr>
<tr>
<td>8:45 am-9:45 am</td>
<td>Closing Keynote – Scott B. Frame, MD Memorial Lecture</td>
<td>The Business of Research: An Exploration Into the Experiences Gained from a Career in Academia &amp; Industry</td>
<td>Juan B. Ochoa, MD, FACS, FCCM</td>
<td></td>
</tr>
</tbody>
</table>

PARALLEL SCIENTIFIC SESSION IV-A –Critical Care
Presiding: Jose Pascual, MD, PhD & Alexander Eastman, MD, MPH
10:00 am-12:00 pm
Location: JW Grand Ballrooms 6-8

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenter</th>
<th>Discussant</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 am</td>
<td>#24</td>
<td>INFECTION AFTER PENETRATING BRAIN INJURY: AN EASTERN ASSOCIATION FOR THE SURGERY OF TRAUMA MULTICENTER TRIAL</td>
<td>Laura Harmon, MD</td>
<td>Mayur B. Patel, MD, MPH</td>
</tr>
<tr>
<td>10:20 am</td>
<td>#25</td>
<td>A CONCOMITANT LONG BONE FRACTURE WORSENS TRAUMATIC BRAIN INJURY RECOVERY: A TIME DEPENDENT PROCESS</td>
<td>Yujin Suto, MD, PhD</td>
<td>Jeffrey J. Skubic, DO</td>
</tr>
<tr>
<td>10:40 am</td>
<td>#26</td>
<td>OPTIMIZING ENERGY EXPENDITURE AND PULMONARY MECHANICS TO DECREASE VENTILATOR AND ICU DAYS</td>
<td>Darwin Ang, MD, PhD</td>
<td>Martin Avery, MD</td>
</tr>
<tr>
<td>11:00 am</td>
<td>#27</td>
<td>MULTI-ORGAN FAILURE IN ARDS: EFFECTS OF ADJUNCT TREATMENTS ON END-ORGAN DAMAGE AND HISTOLOGICAL INJURY SEVERITY</td>
<td>Jae Choi, PhD, DVSc</td>
<td>Matthew E. Kutcher, MD</td>
</tr>
<tr>
<td>11:20 am</td>
<td>#28</td>
<td>EXTERNAL VALIDATION OF A NOVEL DIGITAL SIGNATURE TO DETECT EARLY RESPIRATORY DETERIORATION OF ICU PATIENTS</td>
<td>Rachael Callcut, MD</td>
<td>David Meyer, MD, MS</td>
</tr>
<tr>
<td>11:40 am</td>
<td>#29</td>
<td>THE ACUTE INFLAMMATORY RESPONSE AFTER TRAUMA IS HEIGHTENED BY FRAILTY: A PROSPECTIVE EVALUATION OF INFLAMMATORY AND ENDOCRINE SYSTEM ALTERATIONS IN FRAILTY</td>
<td>James Palmer, MS</td>
<td>Scott C. Brakenridge, MD, MSCS</td>
</tr>
</tbody>
</table>
PARALLEL SCIENTIFIC SESSION IV-B – Emergency General Surgery & Trauma Systems
Presiding: Jeffry Nahmias, MD, MHPE & D. Dante Yeh, MD
10:00 am-12:00 pm
Location: JW Grand Ballroom 5

10:00 am #30 MULTICENTER STUDY OF THE TREATMENT OF APPENDICITIS IN NORTH AMERICA: ACUTE, PERFORATED, AND GANGRENOUS (MUSTANG) – AN EAST MULTICENTER STUDY
Presenter: D. Dante Yeh, MD
Discussant: Rachael A. Callcut, MD, MSPH

10:20 am #31 RE-EXAMINING “NEVER LETTING THE SUN RISE OR SET ON A BOWEL OBSTRUCTION” IN THE ERA OF ACUTE CARE SURGERY
Presenter: Adrian Diaz, MD, MPH
Discussant: Brian Yorkgitis, PA-C, DO

10:40 am #32 ESCALATION OF MORTALITY AND RESOURCE UTILIZATION IN EMERGENCY GENERAL SURGERY TRANSFER PATIENTS
Presenter: David D. Keeven
Discussant: Nina Glass, MD

11:00 am #33 THE AFTERMATH OF FIREARM VIOLENCE: SURVIVAL IS NOT "GOOD ENOUGH"
Presenter: Michael Vella, MD
Discussant: Robyn Richmond, MD

11:20 am #34 LOCATION, LOCATION, LOCATION: UTILIZING NBATS-2 IN TRAUMA SYSTEM PLANNING
Presenter: Jennings H. Dooley, BS
Discussant: Shelby Resnick, MD

11:40 am #35 DEFINING GEOGRAPHIC EMS COVERAGE IN TRAUMA SYSTEMS
Presenter: Joshua B. Brown, MD, MSc
Discussant: Farheen A. Qurashi, MD

1:15 pm-3:15 pm
Practice Management Guidelines (PMGs) Plenary Session
Presented by the EAST Guidelines Committee
Location: JW Grand Ballroom 5
Moderator: John J. Como, MD, MPH
PMGs scheduled to be presented (subject to change):

Injury Prevention
- Orthogeriatrics Management- Kaushik Mukherjee, MD, MSCI
- Alcohol-Related Trauma Recidivism Prevention: Hospital-Based Screening in Adult Populations – Lisa Kodadek, MD
- Prevention of Firearm Related Injuries with Gun Buyback Programs & Community-Based Violence Prevention Programs – Stephanie Bonne, MD

Pediatric Trauma
- Screening for Child Abuse in Young Children Presenting with Fractures – Ian Mitchell, MD

Surgical Critical Care
- Antimotility Agents in Diarrhea – Nikolay Bugaev, MD

Trauma
- Preperitoneal Packing for Pelvic Fracture Hemorrhage – Nikolay Bugaev, MD
- Management of Duodenal Trauma – Krista Haines, DO
- Presumptive Antibiotics for Tube Thoracostomy in Trauma – Cory Vatsaas, MD
FRIDAY, JANUARY 18, 2019 continued

1:15 pm-3:15 pm

You Have Entered the Twilight Zone: Late Career & Retirement Success for Surgeons
Presented by the EAST Seniors Committee
Location: Room 502-503, 5th Floor
Moderator: Ronald I. Gross, MD
Speakers:
Susan Briggs, MD – From Home Base to Foreign Lands
John Fortune, MD – A Surgeon’s Transition from Active Clinical Practice: When & Why
Kimball Maull, MD – Staying Relevant & Enjoying Life – It IS Possible
Ronald Stewart, MD – The Finances of Surviving as a Surgeon – Before & After Practice

3:15 pm  Scientific Program Adjourns