

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

WEDNESDAY, JANUARY 16, 2019 continued

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 INFECTIOUS 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 Dissanaiké, 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

THURSDAY, JANUARY 17, 2019 continued

PARALLEL SCIENTIFIC SESSION III-A – Clinical Trauma & Resuscitation

Presiding: A. Britton Christmas, MD & Bruce Crookes, MD

10:15 am-12:15 pm

Location: JW Grand Ballrooms 6-8

- 10:15 am # 12 BETTER UNDERSTANDING THE UTILIZATION OF DAMAGE CONTROL LAPAROTOMY: A MULTI-INSTITUTIONAL QUALITY IMPROVEMENT PROJECT
Presenter: John A. Harvin, MD
Discussant: Bryce R.H. Robinson, MD, MS
- 10:35 am #13 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
Presenter: Zachary M. Bauman, DO, MHA
Discussant: Mark J. Seamon, MD
- 10:55 am #14 PREDICTORS OF POST-TRAUMATIC RETAINED HEMOTHORAX: RESULTS OF AN EAST MULTI-INSTITUTIONAL TRIAL
Presenter: Sarah A. Moore, MD
Discussant: Narong Kulvatunyou, MD
- 11:15 am #15 ANTICOAGULATION THERAPY IN PATIENTS WITH TRAUMATIC BRAIN INJURY (ACT-TBI): AN EAST MULTICENTER PROSPECTIVE STUDY
Presenter: Kazuhide Matsushima, MD
Discussant: Bellal Joseph, MD
- 11:35 am #16 SAFETY PROFILE AND IMPACT OF LOW-TITER GROUP O WHOLE BLOOD FOR EMERGENCY USE IN TRAUMA
Presenter: James Williams, BS
Discussant: Lucy Z. Kornblith, MD
- 11:55 am #17 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
Presenter: Remealle A. How, MD
Discussant: Matthew J. Eckert, MD

THURSDAY, JANUARY 17, 2019 continued

**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

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| 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

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| 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 |

THURSDAY, JANUARY 17, 2019 continued

Quick Shots Parallel Session II

Presiding: Jason W. Smith, MD, PhD & Alison M. Wilson, MD

2:30 pm-3:30 pm

Location: JW Grand Ballroom 5

- 2:30 pm #11 VALIDATION OF THE AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA (AAST) EMERGENCY GENERAL SURGERY SCORE FOR ACUTE APPENDICITIS: A POST-HOC SECONDARY ANALYSIS
Presenter: Georgia Vasileiou
- 2:36 pm #12 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
Presenter: Matthew Lamb, MD
- 2:42 pm #13 A NOVEL USE OF THE TRAUMA REGISTRY: INCIDENTAL FINDINGS IN THE TRAUMA PATIENT
Presenter: Jordan Shealy, MD
- 2:48 pm #14 A NOVEL PROTOCOL TO MAINTAIN CONTINUOUS ACCESS TO THAWED PLASMA AT A RURAL TRAUMA CENTER
Presenter: Cara Hannigan, MD
- 2:54 pm #15 GENDER DIFFERENCES IN NATIONWIDE OUTCOMES AND HOSPITALIZATION COSTS FOR INTIMATE PARTNER VIOLENCE
Presenter: Tanya L. Zakrisson, MD, MPH
- 3:00 pm #16 LIMITATIONS OF AVAILABLE BLOOD PRODUCTS FOR MASSIVE TRANSFUSION DURING MASS CASUALTY EVENTS AT US LEVEL I TRAUMA CENTERS
Presenter: James Williams, BS
- 3:06 pm #17 YOUNG LIVES CUT SHORT-THE RELATIONSHIP BETWEEN FIREARMS AND PEDIATRIC SUICIDE
Presenter: Robert J. McLoughlin, MD
- 3:12 pm #18 PREDICTING LENGTH OF STAY FOR TRAUMA AND EMERGENCY GENERAL SURGERY PATIENTS
Presenter: Benjamin Stocker, MD
- 3:18 pm #19 COMPARING REALITY TO CONSENSUS: REPORTED OPIOID USE VS. CLINICIAN CONSENSUS RECOMMENDATIONS
Presenter: Kortney A. Robinson, MD
- 3:24 pm #20 HIGHER INJURY SEVERITY SCORE IS ASSOCIATED WITH INFLAMMATORY STATE AND SEVERE ANEMIA
Presenter: Elizabeth S. Miller, MD

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

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| 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 VISCUS 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 I 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 WARTIME 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-Schnetzer, 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

FRIDAY, JANUARY 18, 2019 continued

- 8:15 am #50 TWO URGENCY CATEGORIES, SAME OUTCOME: NO DIFFERENCE AFTER “THERAPEUTIC” VS “PROPHYLACTIC” FASCIOTOMY
Presenter: Megan T. Quintana, MD
- 8:21 am #51 DRIVING BIOLOGY: THE EFFECT OF STANDARDIZED WOUND MANAGEMENT ON WOUND BIOMARKER PROFILES
Presenter: Christopher J. Dente, MD
- 8:27 am #52 ELDERLY PATIENTS PRESENTING TO A LEVEL I TRAUMA CENTER WITH A POLST FORM: A PROPENSITY-MATCHED ANALYSIS
Presenter: Jessica Ballou, MD
- 8:33 am #53 LAPAROSCOPIC VS OPEN COLECTOMY FOR COLONIC VOLVULUS: A NSQIP DATABASE REVIEW
Presenter: Jordan M. Kirsch, DO
- 8:39 am #54 ESTABLISHING THE LIMITS OF AGGRESSIVE RESUSCITATION IN PATIENTS WITH GUNSHOT WOUNDS TO THE BRAIN - AN EAST MULTICENTER STUDY
Presenter: Leigh A. Robinson, MD
- 8:45 am-9:45 am **Closing Keynote – Scott B. Frame, MD Memorial Lecture**
The Business of Research: An Exploration Into the Experiences Gained from a Career in Academia & Industry
Juan B. Ochoa, MD, FACS, FCCM
Location: JW Grand Ballrooms 6-8
- 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
- 10:00 am #24 INFECTION AFTER PENETRATING BRAIN INJURY: AN EASTERN ASSOCIATION FOR THE SURGERY OF TRAUMA MULTICENTER TRIAL
Presenter: Laura Harmon, MD
Discussant: Mayur B. Patel, MD, MPH
- 10:20 am #25 A CONCOMITANT LONG BONE FRACTURE WORSENS TRAUMATIC BRAIN INJURY RECOVERY: A TIME DEPENDENT PROCESS
Presenter: Yujin Suto, MD, PhD
Discussant: Jeffrey J. Skubic, DO
- 10:40 am #26 OPTIMIZING ENERGY EXPENDITURE AND PULMONARY MECHANICS TO DECREASE VENTILATOR AND ICU DAYS
Presenter: Darwin Ang, MD, PhD, MPH
Discussant: Martin Avery, MD
- 11:00 am #27 MULTI-ORGAN FAILURE IN ARDS: EFFECTS OF ADJUNCT TREATMENTS ON END-ORGAN DAMAGE AND HISTOLOGICAL INJURY SEVERITY
Presenter: Jae Choi, PhD, DVSc
Discussant: Matthew E. Kutcher, MD
- 11:20 am #28 EXTERNAL VALIDATION OF A NOVEL DIGITAL SIGNATURE TO DETECT EARLY RESPIRATORY DETERIORATION OF ICU PATIENTS
Presenter: Rachael Callcut, MD, MSPH
Discussant: David Meyer, MD, MS
- 11:40 am #29 THE ACUTE INFLAMMATORY RESPONSE AFTER TRAUMA IS HEIGHTENED BY FRAILTY: A PROSPECTIVE EVALUATION OF INFLAMMATORY AND ENDOCRINE SYSTEM ALTERATIONS IN FRAILTY
Presenter: James Palmer, MS
Discussant: Scott C. Brakenridge, MD, MSCS

FRIDAY, JANUARY 18, 2019 continued

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 Maul, 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