



## AGENDA

### SCIENTIFIC SESSION 1

**Moderator: Walter Biffl MD**

\* Indicates Earl G. Young Clinical Research Competition

1. A MULTI-CENTER STUDY OF PERIOPERATIVE HEPATIC ANGIOEMBOLIZATION AS AN ADJUNCT FOR MANAGEMENT OF MAJOR OPERATIVE HEPATIC TRAUMA  
*Paige Deville MD, LSU General Surgery, New Orleans, LA \**
2. THE ANACHRONISM OF AUSCULTATION - ARE BREATH SOUNDS EVER NECESSARY IN THE PRIMARY SURVEY AT A LEVEL I TRAUMA CENTER  
*Christine Neal DO, Creighton University / St. Joseph's Hospital & Medical Center, Phoenix, AZ \**
3. LEVEL ONE TRAUMA CENTER PROLIFERATION WORSENS PATIENT OUTCOMES  
*Michael Zhou MD, University of Arizona - Phoenix, Phoenix, AZ \**
4. . LONG-TERM OUTCOMES OF OPEN AND ENDOVASCULAR AXILLOSUBCLAVIAN INTERVENTIONS AFTER TRAUMATIC INJURY REVEAL HIGH RATES OF LIMB DYSFUNCTION  
*Hamza Hanif MD, University of New Mexico, Albuquerque, NM\**
5. 3D PRINTED HYDROXYAPATITE DOPED POLYPROPYLENE FUMARATE OSTEOSYNTHETIC RIB PLATES ENHANCE FRACTURE HEALING IN A RABBIT RIB FRACTURE MODEL  
*Lillian Kang MD, Duke University, Durham, NC\*\**
6. BIO-ADHESIVE PATCH AS A PARENCHYMAL SPARING TREATMENT OF TRAUMATIC AND PERSISTENT PULMONARY AIR LEAKS  
*James Williams MD, Madigan Army Medical Center, Tacoma, WA \*\**

### SCIENTIFIC SESSION 2

**Moderator: Alex Eastman MD**

\* Indicates Earl G. Young Clinical Research Competition

7. PREDICTORS OF FETAL DELIVERY IN PREGNANT TRAUMA PATIENTS: A MULTICENTER STUDY  
*Jeffrey Santos MD, University of California, Irvine, Orange, CA \**
8. THE TRAUMA PAN SCAN: ADVOCATING FOR USE IN GERIATRIC FALLS  
*Katherine Snyder MD, University of Oklahoma Health Sciences Center, Oklahoma City, OK \**
9. TIME TO RETHINK WHO NEEDS TO ADMIT THE ELDERLY FALL: AN ANALYSIS OF A NOVEL MANAGEMENT STRATEGY IN 1,004 OLDER ADULTS  
*Heather Kregel MD, University of Texas at Houston, Houston, TX \**
10. EFFECTS OF PRIOR INJURY ON LONG TERM PATIENT REPORTED OUTCOMES AFTER TRAUMA  
*Carl Beyer MD, University of Pennsylvania, Philadelphia, PA \**
11. ASSOCIATION OF PEDIATRIC FIREARM INJURY WITH NEIGHBORHOOD SOCIAL DEPRIVATION IN PHILADELPHIA  
*Jeremy Kauffman MD MPH, Johns Hopkins University, Baltimore, MD \**
12. METABOLOMIC AND PROTEOMIC CHANGES IN TRAUMA-INDUCED HYPOCALCEMIA  
*TJ Schaid MD, University of Colorado-Denver, Denver, CO \*\**

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### **SCIENTIFIC SESSION 3**

**Moderator: Tom Scalea MD**

\*\* Indicates Ernest E. Moore Basic Science Research Competition

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13. MITIGATION OF TRAUMA-INDUCED ENDOTHELIOPATHY BY ACTIVATED PROTEIN C: A POTENTIAL THERAPEUTIC FOR POST-INJURY THROMBOINFLAMMATION

*Otto Thielen MD, University of Colorado, Denver, CO \*\**

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14. LIMITING CONTRAST ENHANCED CT SCANS IN BLUNT ABDOMINAL TRAUMA AT A LEVEL I TRAUMA CENTER DURING IV CONTRAST SHORTAGE

*Grace Tsui M.D., Rutgers NJMS, Newark, NJ\**

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15. A TALE OF TWO CITIES: POLICING AND FIREARM HOMICIDES IN BOSTON AND PHILADELPHIA

*Justin Hatchimonji MD MBE MSCE, University of Pennsylvania, Philadelphia, PA \**

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16. THE UNDISCLOSED DISCLOSURES: THE DOLLAR-OUTCOME RELATIONSHIP IN RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA IN TRAUMA

*Bellal Joseph MD, The University of Arizona, Tucson, AZ*

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17. PREHOSPITAL TRANEXAMIC ACID IS ASSOCIATED WITH A DOSE-DEPENDENT DECREASE IN SYNDECAN-1 AFTER TRAUMA: A SECONDARY ANALYSIS OF A PROSPECTIVE RANDOMIZED TRIAL

*Danielle Gruen PhD, University of Pittsburgh, Pittsburgh, PA\*\**

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18. MOBILE HEALTH FOLLOW-UP SCREENING TO RISK STRATIFY PATIENTS IN NEED OF FURTHER CARE IN A LOW RESOURCE SETTING: RESULTS FROM A PROSPECTIVE MULTI-SITE IMPLEMENTATION STUDY

*S. Ariane Christie MD, University of California Los Angeles, University of Buea, Los Angeles, CA*

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### **SCIENTIFIC SESSION 4 SPONSORED BY AROA BIOSURGERY**

**Moderator: Susan Rowell MD**

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19. FINDING THE BLEEDING EDGE: MORTALITY BY UNIT OF BLOOD PRODUCT TRANSFUSED IN COMBAT CASUALTIES FROM 2002-2020

*Jennifer Gurney MD, US Army Joint Trauma System, JBSA Fort Sam Houston, TX*

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20. THE REPORTS OF MY DEATH ARE GREATLY EXAGGERATED: AN EVALUATION OF FUTILITY CUT-POINTS IN MASSIVE TRASFUSION

*Thomas Clements MD, FACS, The University of Texas Health Science Center at Houston, Houston, TX*

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### **CASE REPORT**

21. TRAUMATIC RUPTURE OF ECHINOCOCCAL CYST CAUSING SHOCK SECONDARY TO AN ALLERGIC REACTION AFTER A SNOWMOBILE CRASH

*Amy Wyrzykowi MD, Beth Israel Deaconess Medical Center, Boston, MA*

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### **FAMILY ABSTRACT**

22. PERSPECTIVE

*Thomas Schroepel MD, MS, UCHHealth, Colorado Springs, CO*

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### **TOM COGBILL MEMORIAL**

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#### **PRESIDENTIAL ADDRESS**

THINKING LIKE A FREAK IN TRAUMA AND ACUTE CARE SURGERY

*Walter L. Biffi, MD*

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### **SCIENTIFIC SESSION 5**

**Moderator: Andrew Rosenthal MD**

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24. POST CONCUSSIVE SYMPTOMS IN PEDIATRIC AND ADOLESCENT PATIENTS WITH TRAUMATIC INJURIES WITH AND WITHOUT CONCOMITANT CONCUSSION, A WTA MULTICENTER TRIAL

*Susan Biffi MD, WTA Multicenter Trials*

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25. PROLONGING THE THERAPEUTIC WINDOW FOR VALPROIC ACID TREATMENT IN A SWINE MODEL OF TRAUMATIC BRAIN INJURY AND HEMORRHAGIC SHOCK

*Hasan Alam MD, Department of Surgery, Feinberg School of Medicine, Northwestern University, Chicago, IL*

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26. IMMEDIATE USE CRYOPRECIPITATE PRODUCTS PROVIDE SUSTAINED ORGAN PROTECTION IN A LONG-TERM RODENT MODEL OF TRAUMA/HEMORRHAGIC SHOCK AND PROLONGED HYPOTENSIVE RESUSCITATION

*Rosemary Kozar, Shock Trauma Center, University of Maryland School of Medicine, Baltimore, MD*

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27. FUNDING THE WAR IN AMERICA: A LOOK IN THE MIRROR

*Ally Hynes MD, FAAEM, University of New Mexico, Albuquerque, NM*

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### **FOUNDERS BASIC SCIENCE LECTURE**

UNIQUELY HUMAN GENES AND THE INFLAMMATORY RESPONSE TO INJURY: FROM MECHANISMS TO THERAPY

*Todd W. Costantini MD, FACS, UC San Diego School of Medicine*

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### **SCIENTIFIC SESSION 6**

**Moderator: Deborah Stein MD**

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29. ARTIFICIAL INTELLIGENCE IN TRAUMA: ADEQUACY AND POSITIVITY IN FAST EXAM INTERPRETATION

*Wesley Wilt MD, University of Kentucky, Lexington, KY*

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### **PANEL OF EXPERTS: THE UKRAINE EXPERIENCE & LESSONS LEARNED**

*Moderator: Enrique Ginzburg*

*Panelists :Charles Fox, Kenji Inaba, Peggy Knudson, Matt Martin,*

*Andy Michaels, Deborah Stein, Gary Vercruyse*

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### **SCIENTIFIC SESSION 7**

**Moderator: Thomas Schroepel MD**

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32. COMBINATION OF ASPIRIN AND ROSUVASTATIN FOR REDUCTION OF VENOUS THROMBOEMBOLISM IN CRITICALLY ILL TRAUMA PATIENTS: A DOUBLE-BLIND, PLACEBO CONTROLLED, PRAGMATIC RANDOMIZED CLINICAL TRIAL (THE STAT TRIAL).

*Christopher Barrett MD, Ernest E Moore Shock Trauma Center at Denver Health, Denver, CO*

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### **PRO/CON DEBATE: VTE SCREENING: YAY OR NAY**

*Martin Schreiber MD and Michael Cripps MD*

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34. EARLY VENOUS THROMBOEMBOLISM PROPHYLAXIS IN PATIENTS WITH TRAUMA INTRACRANIAL HEMORRHAGE: ANALYSIS OF THE PROSPECTIVE MULTICENTER CLOTT STUDY

*Yu-Tung Wu MD, LAC+USC Medical Center, LA, CA*

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### **PRO/CON DEBATE: COAGULATION STUDIES: STANDARD COAGS VS TEG**

*Christopher Barrett MD and Michael Cripps MD*

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36. EPIDEMIOLOGY AND OUTCOMES OF TRAUMATIC VASCULAR INJURY REPAIR BY TRAUMA SURGEONS AND VASCULAR SURGEONS IN A COLLABORATIVE MODEL

*Shea Gallagher MD, LAC+USC Medical Center, Los Angeles, CA*

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### **SCIENTIFIC SESSION 8**

**Moderator: Jennifer Watters**

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37. DIGITAL PLATE, THEN INFLATE: CHEST FILM RULES IN HIGH-GRADE AORTIC INJURY PRECLUDING REBOA

*Anna Romagnoli MD, R Adams Cowley Shock Trauma Center, Baltimore, MD*

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**ALGORITHM 1: PENETRATING NECK INJURY**

*Kenji Inaba MD*

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**ALGORITHM 2: EXTREMITY VASCULAR INJURY**

*Charles Fox MD*

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**PAINT THE CEILING LECTURE**

SOMEONE YOU KNOW

*Keegan Gallagher*

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**SCIENTIFIC SESSION 9**

**Moderator: Eric Peltz MD**

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41. TRAINEE PERCEPTION OF BARRIERS TO PALLIATIVE CARE INVOLVEMENT IN THE HOSPITALIZED SURGICAL PATIENT: A SINGLE CENTER, MIXED METHODS STUDY.

*Joanna Grudziak MD, MPH, University of Utah, University of North Carolina-Chapel Hill, Salt Lake City, UT*

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42. STRESS INOCULATION TRAINING FOR EMERGENCY RESPONDERS: HOW DOES IT WORK?

*Rebecca Ryznar PhD, Rocky Vista University, Parker, CO*

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43. ERCP VERSUS MRCP FOR DETECTING PANCREATIC INJURIES: A SECONDARY ANALYSIS FROM THE WTA MULTICENTER TRIALS GROUP ON PANCREATIC INJURIES.

*Walter Biffi MD, WTA Multicenter Trials*

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44. SHOULD SURGEON-PERFORMED INTRAOPERATIVE ULTRASOUND BE THE PREFERRED TEST FOR DETECTING MAIN PANCREATIC DUCT INJURIES IN OPERATIVE TRAUMA CASES?

*Chad Ball MD, Univ of Calgary, Calgary, Trust Territory of the Pacific Islands*

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**ALGORITHM 3: TRAUMATIC RECTAL INJURY**

*Morgan Schellenberg MD, MPH*

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**ALGORITHM 4: BLUNT HEPATIC INJURY**

*Natasha Keric MD*

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**SCIENTIFIC SESSION 10**

**Moderator: Laura Moore MD**

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47. GIS ANALYSIS OF DIRECT TO OPERATING ROOM RESUSCITATION AND INCREASED TRAUMA SURVIVOR PREHOSPITAL TRANSPORT TIME

*Jay Doucet MD, UC San Diego, San Diego, CA*

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48. SLIPPERY SLOPE: ANEMIA IN GERIATRIC HIP FRACTURES, HOW LOW IS TOO LOW?

*Kimberli Bruce ACNP, Honor Health, Phoenix, AZ*

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49. REGIONALIZATION OF HOSPITAL-BASED VIOLENCE INTERVENTION PROGRAMS (HVIP). ONE CENTER CANNOT DO IT ALONE.

*Michel Aboutanos MD, MPH, FACS, NOTW, Virginia Commonwealth University Health, Richmond, VA*

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50. THE RELATIONSHIP BETWEEN STATE LEVEL FUNDING, DESIGNATED TRAUMA CENTERS, AND TRAUMA RELATED MORTALITY

*Ginger Henry RN, DSc, MBA, BSN, University of Alabama at Birmingham, Montgomery, AL*

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51. IT IS NOT ALWAYS ANESTHESIA'S FAULT: REDUCING PERI-INTUBATION HYPOTENSION IN THE TRAUMA BAY

*Tanya Anand MD, The University of Arizona, Tucson, AZ*

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52. NOVEL POLYSACCHARIDE-POLYELECTROLYTE HEMOSTATIC FOAM IMPROVES SURVIVAL COMPARED TO COMBATGAUZE IN SWINE FEMORAL ARTERY INJURY MODEL

*Melissa Linskey Dougherty MD, Penn State University College of Medicine, Hershey, PA*

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