

**73rd Annual Meeting of AAST and Clinical Congress of Acute Care Surgery**  
**September 10-13, 2014**  
**Schedule**

|                     |                   | Updated 7/31/2014   |                      |  |  |  |  |
|---------------------|-------------------|---|----------------------|--|--|--|--|
|                     | <b>Paper Time</b> |   |                      |  |  |  |  |
| <b>Tuesday</b>      |                   |   |                      |  |  |  |  |
| 7:30 am - 4:30 pm   |                   | AAST Board of Managers Meeting  |                      |  |  |  |  |
|                     |                   |   |                      |  |  |  |  |
| <b>Wednesday</b>    |                   |   |                      |  |  |  |  |
| 6:30 am - 5:00 pm   |                   | Registration  |                      |  |  |  |  |
| 7:00 - 11:00 am     |                   | <i>Optional Session : ACS-MOC</i>   |                      |  |  |  |  |
| 7:00- 11:00 am      |                   | <i>Optional Session: Military Symposium</i>   |                      |  |  |  |  |
| 7:00 - 11:30 am     |                   | <i>Optional Session: Pediatric Committee Session</i>  |                      |  |  |  |  |
| 7:00 - 11:00 am     |                   | <i>Optional Session: Coalition for Trauma Care Symposium</i>  |                      |  |  |  |  |
| 10:30 am - 12:15 pm |                   | <i>Optional Session: Social Media 101: Tweeting and Facebook</i>  |                      |  |  |  |  |
| 10:30 am - 12:15 pm |                   | <i>Optional Session: TCAA Luncheon (invitation only)</i>  |                      |  |  |  |  |
| 7:00 am - 12:00 pm  |                   | <i>Optional Session: TACTIC Meeting</i>   |                      |  |  |  |  |
| 12:30 - 1:00 pm     |                   | Welcome   |                      |  |  |  |  |
| 1:00-3:40 pm        |                   | <b>Session I: Plenary Papers 1-8</b>  |                      |  |  |  |  |
|                     |                   | <b>Moderator: William Cioffi, MD, Recorder: Raul Coimbra, MD, PhD</b>   | <b>Presenter</b>     | <b>Discussant</b>                                  |  |  |  |
| Paper 1             | 1:00-1:20         | THE SPLENIC INJURY OUTCOMES TRIAL: AN AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA MULTI-INSTITUTIONAL STUDY  | Ben Zarzaur, MD, MPH | Andrew Peitzman, MD                                |  |  |  |
| Paper 2             | 1:20-1:40         | A CONTROLLED RESUSCITATION STRATEGY IS FEASIBLE AND SAFE IN HYPOTENSIVE TRAUMA PATIENTS: RESULTS OF A PROSPECTIVE RANDOMIZED PILOT TRIAL                          | Martin Schreiber, MD | Thomas Scalea, MD                                  |  |  |  |
| Paper 3             | 1:40-2:00         | GETTING IT RIGHT: ADHERENCE TO AN ESTABLISHED DIAGNOSTIC THRESHOLD FOR VENTILATOR-ASSOCIATED PNEUMONIA CONTRIBUTES TO LOW FALSE-NEGATIVE RATES IN TRAUMA PATIENTS | John Sharpe, MD, MS  | Christopher Michetti, MD                           |  |  |  |
| Paper 4             | 2:00-2:20         | REDUCING SECONDARY BRAIN INJURY IN TRAUMA PATIENTS: THE EFFECT OF REMOTE ISCHEMIC CONDITIONING  | Bellal Joseph, MD    | Deborah Stein, MD, MPH                             |  |  |  |
| Paper 5             | 2:20-2:40         | REGIONAL COLLABORATIVE QUALITY IMPROVEMENT FOR TRAUMA REDUCES COMPLICATIONS AND COSTS   | Mark Hemmila, MD     | David Hoyt, MD                                     |  |  |  |
| Paper 6             | 2:40-3:00         | MITOCHONDRIAL DAMPS FROM FRACTURES SUPPRESS PULMONARY IMMUNE RESPONSES VIA FORMYL PEPTIDE RECEPTORS 1 AND 2   | Haipeng Li, MD       | Ronald Maier, MD                                   |  |  |  |
| Paper 7             | 3:00-3:20         | THE AAST PROSPECTIVE OBSERVATIONAL VASCULAR INJURY TREATMENT (PROOVIT) REGISTRY: MULTICENTER DATA ON MODERN VASCULAR INJURY DIAGNOSIS, MANAGEMENT AND OUTCOMES    | Joseph DuBose, MD    | Howard Champion, FRCS                              |  |  |  |
| Paper 8             | 3:20-3:40         | INTRACRANIAL PRESSURE MONITORING AND INPATIENT MORTALITY IN SEVERE TRAUMATIC BRAIN INJURY: A PROPENSITY-SCORE MATCHED ANALYSIS                                    | Aaron Dawes, MD      | Alex Valadka, MD                                   |  |  |  |
| 3:40-4:10 pm        |                   | <b>Session II: Master Surgeon I - Alex Valadka, MD, "Managing the TBI Patient: Too Much? Too Little? When Is It Just Right?"</b>                                  |                      |  |  |  |  |
| 4:10 - 5:25 pm      |                   | <b>Session III: Challenging Cases Panel</b>   |                      |  |  |  |  |
|                     |                   | Moderator: Thomas Scalea, MD, Panelists: Ari Leppaniemi, MD, Jose Diaz, MD, Matthew Rosengart, MD, MPH, Roxie Albrecht, MD, Angela Neville, MD                    |                      |  |  |  |  |
| 5:00 pm - 7:30 pm   |                   | Exhibits open   |                      |  |  |  |  |
| 5:30 - 7:30 pm      |                   | <b>Session IV: Posters Session and Exhibit Hall Opening</b>   |                      |  |  |  |  |
|                     | Session I         | Abdominal Trauma/Burns/Soft Tissue  | Professors:          | Luke Leenen, MD and Carlos Brown, MD               |  |  |  |
|                     | Session II        | Acute Care Surgery  | Professors:          | Charles Lucas, MD and Eric Toschlog, MD            |  |  |  |
|                     | Session III       | Critical Care   | Professors:          | Lewis Kaplan, MD and Andrew Kerwin, MD             |  |  |  |
|                     | Session IV        | Neurological Trauma   | Professors:          | Vicente Gracias, MD and Ajai Malhotra, MD          |  |  |  |
|                     | Session V         | Outcomes/Guidelines I   | Professors:          | Adil Haider, MD and Zsolt Balogh, MD               |  |  |  |
|                     | Session VI        | Outcomes/Guidelines II  | Professors:          | A. Peter Ekeh, MD and Randall Frieze, MD           |  |  |  |
|                     | Session VII       | Outcomes/Guidelines/Extremity Trauma/Vascular Trauma  | Professors:          | Hans-Christoph Pape, MD and Joseph Rappold, MD     |  |  |  |
|                     | Session VIII      | Trauma Education/Trauma Systems   | Professors:          | Karen Brasel, MD, MPH and Kristan Staudenmayer, MD |  |  |  |
|                     | Session IX        | Pediatric Trauma/Shock/Transfusions   | Professors:          | R. Todd Maxson, MD and Darren Malinoski, MD        |  |  |  |
|                     | Session X         | Socioeconomics/Ethics/Trauma System   | Professors:          | R. Lawrence Reed, MD and Krista Kaups, MD          |  |  |  |
|                     | Session XI        | Trauma Systems  | Professors:          | Ronald Stewart, MD and Christopher Cribari, MD     |  |  |  |
|                     | Session XII       | Trauma Prevention & Epidemiology  | Professors:          | Carnell Cooper, MD and Glen Tinkoff, MD            |  |  |  |
|                     | Session XIII      | Thoracic Trauma   | Professors:          | Matthew Wall, Jr., MD and James Tyburski, MD       |  |  |  |
|                     | Session XIV       | Shock/Transfusions  | Professors:          | Bryan Cotton, MD and Juan Carlos Puyana, MD        |  |  |  |

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| 6:30-8:30 pm        |             | JOT Editorial Meeting   |                         |  |  |  |  |
| 8:00 pm - ?         |             | JOT Event   |                         |  |  |  |  |
|                     |             |   |                         |  |  |  |  |
| <b>Thursday</b>     |             |   |                         |  |  |  |  |
| 7:00 am - 9:00 am   |             | Breakfast in Exhibit Hall   |                         |  |  |  |  |
| 7:00 am -3:00 pm    |             | Exhibits  |                         |  |  |  |  |
| 7:00 am - 4:00 pm   |             | Registration  |                         |  |  |  |  |
| 6:15 am - 7:30 am   |             | <b>Committee Meetings</b>   |                         |  |  |  |  |
|                     |             | Critical Care Committee Meeting   |                         |  |  |  |  |
|                     |             | Acute Care Surgery Committee Meeting  |                         |  |  |  |  |
|                     |             | International Relations Committee Meeting   |                         |  |  |  |  |
|                     |             | Prevention Committee Meeting  |                         |  |  |  |  |
|                     |             | Multi-Institutional Trials Committee Meeting  |                         |  |  |  |  |
|                     |             | Disaster Ad Hoc Committee Meeting   |                         |  |  |  |  |
| 6:15 am - 7:30 am   |             | Resident/Student/In-Training Fellow Breakfast - Thomas Scalea, MD   |                         |  |  |  |  |
| 7:30 - 8:00 am      |             | <b>Session V: Master Surgeon II - Andrew Peitzman, MD, "Acute Cholecystitis: when to operate and how to do it safely"</b>   |                         |  |  |  |  |
| 8:00 - 9:20 am      |             | <b>Session VI: Plenary Papers 9-12</b>  |                         |  |  |  |  |
|                     |             | <b>Moderator: Grace Rozyski, MD, MBA, Recorder: Raul Coimbra, MD, PhD</b>   | <b>Presenter</b>        | <b>Discussant</b>  |  |  |  |
| Paper 9             | 8:00-8:20   | RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (REBOA) IS A FEASIBLE ALTERNATIVE TO RESUSCITATIVE THORACOTOMY IN TRAUMA PATIENTS WITH NON-COMPRESSIBLE TRUNCAL HEMORRHAGE AND PROFOUND HEMORRHAGIC SHOCK | Laura Moore, MD         | Timothy Fabian, MD   |  |  |  |
| Paper 10            | 8:20-8:40   | EVALUATION OF THE SAFETY AND FEASIBILITY OF RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA IN JAPAN  | Nobuyuki Saito, MD      | Matthew Wall, Jr., MD  |  |  |  |
| Paper 11            | 8:40-9:00   | THE EARLY EVOLVING SEX HORMONE ENVIRONMENT IS ASSOCIATED WITH SIGNIFICANT CLINICAL OUTCOME AND INFLAMMATORY RESPONSE DIFFERENCES POST-INJURY  | Samuel Zolin, BS        | Reuven Rabinovici, MD  |  |  |  |
| Paper 12            | 9:00-9:20   | SYSTOLIC BLOOD PRESSURE CRITERIA IN THE NATIONAL TRAUMA TRIAGE PROTOCOL FOR GERIATRIC TRAUMA: 110 IS THE NEW 90   | Joshua Brown, MD        | Frederick Luchette, MD   |  |  |  |
| 9:20-9:40 am        |             | <b>Session VII: Scholarship Presentations</b>   |                         |  |  |  |  |
| 9:40-10:00 am       |             | Break in Exhibit Hall   |                         |  |  |  |  |
| 10:00 - 11:20 am    |             | <b>Session VIII: Acute Care Surgery Papers 13-16</b>  |                         |  |  |  |  |
|                     |             | <b>Moderator: Kimberly Davis, MD, MBA Recorder: Joseph Minei, MD</b>  | <b>Presenter</b>        | <b>Discussant</b>  |  |  |  |
| Paper 13            | 10:00-10:20 | ARTERIOGRAPHY FOR LOWER GI BLEEDING: DOES A PRECEDING ABDOMINAL CT ANGIOGRAM IMPROVE BLEED IDENTIFICATION AND OUTCOME?  | Christina Jacovides, BS | Leslie Kobayashi, MD   |  |  |  |
| Paper 14            | 10:20-10:40 | SAME DAY COMBINED ERCP AND CHOLECYSTECTOMY: ACHIEVABLE AND COST EFFECTIVE   | Jeffrey Wild, MD        | Michael Chang, MD  |  |  |  |
| Paper 15            | 10:40-11:00 | DEFINING THE ACUTE CARE SURGERY CURRICULUM  | Therese Duane, MD       | Ronald Stewart, MD   |  |  |  |
| Paper 16            | 11:00-11:20 | PROTOCOLIZED MANAGEMENT OF ADHESIVE MECHANICAL SMALL BOWEL OBSTRUCTION: MOVING IT ALONG.  | Janeen Jordan, MD       | Clay Cothren Burlew, MD  |  |  |  |
| 11:30 am - 12:30 pm |             | <b>Session IX: Presidential Address: William Cioffi, MD, Responsibility</b>   |                         |  |  |  |  |
| 12:30 - 1:45 pm     |             | <b>Lunch Sessions</b>   |                         |  |  |  |  |
|                     |             | I Management of Complications in the Bariatric Patient by the Acute Care Surgeon  |                         | PLEASE NOTE: Final room names will be located on lunch sessions tickets. |  |  |  |
|                     |             | II Topical Hemostatics in Trauma and Emergency Surgery: when, what and how  |                         |  |  |  |  |
|                     |             | III Penetrating Thoracic Injuries: The cases, the pitfalls and the challenges   |                         |  |  |  |  |
|                     |             | IV Writing and Reviewing for the Journal II: Critical Skills  |                         |  |  |  |  |
|                     |             | V Recognition and Management of Pediatric Acute Care Emergencies  |                         |  |  |  |  |
|                     |             | VI REBOA: New Kid on the Block  |                         |  |  |  |  |
| 1:45 - 2:00 pm      |             | Break in Exhibit Hall   |                         |  |  |  |  |
| 2:00 -5:00 pm       |             | <b>Session XA: Papers 17-25</b>   |                         |  |  |  |  |
|                     |             | <b>Moderator: Martin Croce, MD Recorder: Christine Cocanour, MD</b>   | <b>Presenter</b>        | <b>Discussant</b>  |  |  |  |
| Paper 17            | 2:00-2:20   | NOT ALL BELLIES ARE THE SAME: A COMPARISON OF DAMAGE CONTROL SURGERY FOR INTRA-ABDOMINAL SEPSIS VERSUS TRAUMA   | Jason Smith, MD, PhD    | Andre Campbell, MD   |  |  |  |

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| Paper 18          | 2:20-2:40 | THE IMPACT OF TRANEXAMIC ACID ON MORTALITY IN INJURED PATIENTS WITH HYPERFIBRINOLYSIS  | John Harvin, MD         | Ernest Moore, MD         |  |  |  |
| Paper 19          | 2:40-3:00 | OVERWHELMING TPA RELEASE, NOT PAI-1 DEGRADATION, IS RESPONSIBLE FOR HYPERFIBRINOLYSIS IN MASSIVELY TRANSFUSED TRAUMA PATIENTS                | Michael Chapman, MD     | Yasuhiro Otomo, MD       |  |  |  |
| Paper 20          | 3:00-3:20 | LUNG PROTECTIVE VENTILATION (ARDSNet) VERSYS APRV: VENTILATORY MANAGEMENT OF A COMBINED MODEL OF ACUTE LUNG AND BRAIN INJURY                 | Stephen Davies, MD, MPH | Orlando Kirton, MD       |  |  |  |
| Paper 21          | 3:20-3:40 | RECONSTITUTION FLUID TYPE DOES NOT AFFECT PULMONARY INFLAMMATION OR DNA DAMAGE FOLLOWING INFUSION OF LYOPHILIZED PLASMA                      | Sean McCully, MD, MS    | Frederick Moore, MD      |  |  |  |
| Paper 22          | 3:40-4:00 | CLEARLY DEFINING PEDIATRIC MASSIVE TRANSFUSION: CUTTING THROUGH THE FOG AND FRICTION WITH COMBAT DATA  | Lucas Neff, MD          | Michael Nance, MD        |  |  |  |
| Paper 23          | 4:00-4:20 | ANGIOTENSIN INHIBITION DECREASES MULTIPLE ORGAN FAILURE IN OBESE TRAUMA PATIENTS   | Robert Winfield, MD     | Robert Cooney, MD        |  |  |  |
| Paper 24          | 4:20-4:40 | TIME FOR CLOSURE: A DEDICATED TRAUMA ICU IS ASSOCIATED WITH LOWER POST INJURY COMPLICATION RATES AND DEATH AFTER MAJOR COMPLICATIONS         | Marko Bukur, MD         | Charles Adams, Jr., MD   |  |  |  |
| Paper 25          | 4:40-5:00 | FACTOR VIIA ADMINISTRATION IN TRAUMATIC BRAIN INJURY: AN AAST-MITC PROPENSITY SCORE ANALYSIS   | Sarah Lombardo, MD, MSc | M. Margaret Knudson, MD  |  |  |  |
| 2:00 - 5:00 pm    |           | <b>Session XB: Papers: 26-34</b>   |                         |                          |  |  |  |
|                   |           | <b>Moderator: Ari Leppaniemi, MD Recorder: Robert Mackersie, MD</b>  | <b>Presenter</b>        | <b>Discussant</b>        |  |  |  |
| Paper 26          | 2:00-2:20 | OBESITY AND CLOTTING: BMI INDEPENDENTLY CONTRIBUTES TO HYPERCOAGULABILITY AFTER INJURY   | Lucy Kornblith, MD      | Hasan Alam, MD           |  |  |  |
| Paper 27          | 2:20-2:40 | THE NEW METRIC TO IDENTIFY LARGE-VOLUME HEMORRHAGE: RESULTS OF A PROSPECTIVE STUDY OF THE CRITICAL ADMINISTRATION THRESHOLD                  | Stephanie Savage, MD    | John Holcomb, MD         |  |  |  |
| Paper 28          | 2:40-3:00 | A PHARMACOLOGIC APPROACH TO VAGAL NERVE STIMULATION PREVENTS MESENTERIC LYMPH TOXICITY AFTER HEMORRHAGIC SHOCK                               | Koji Morishita, MD, PhD | William Cioffi, MD       |  |  |  |
| Paper 29          | 3:00-3:20 | FIBRINOGEN CONCENTRATE ADMINISTRATION INHIBITS ENDOGENOUS FIBRINOGEN SYNTHESIS IN PIGS AFTER TRAUMATIC HEMORRHAGE                            | Wenjun Martini, PhD     | Peter Rhee, MD, MPH      |  |  |  |
| Paper 30          | 3:20-3:40 | ARE WE MEASURING THE RIGHT THING? CARDIAC DYSFUNCTION, NOT CARDIAC OUTPUT, IS PREDICTIVE OF OUTCOME IN CRITICALLY ILL SURGICAL PATIENTS      | Sarah Murthi, MD        | Paula Ferrada, MD        |  |  |  |
| Paper 31          | 3:40-4:00 | POST-RESUSCITATIVE HYPERCHLOREMIC METABOLIC ACIDOSIS IS ASSOCIATED WITH ACUTE KIDNEY INJURY  | Dennis Kim, MD          | Lena Napolitano, MD      |  |  |  |
| Paper 32          | 4:00-4:20 | NATIONAL ESTIMATES OF PREDICTORS OF OUTCOMES FOR EMERGENCY GENERAL SURGERY   | Adil Shah, MD           | Kristan Staudenmayer, MD |  |  |  |
| Paper 33          | 4:20-4:40 | IMPLEMENTATION OF AN ACUTE CARE SURGERY SERVICE IN A COMMUNITY HOSPITAL: IMPACT ON HOSPITAL EFFICIENCY AND PATIENT OUTCOMES                  | Michael Kalina, DO      | Lewis Kaplan, MD         |  |  |  |
| Paper 34          | 4:40-5:00 | COMPARISON OF ATRIOCAVAL SHUNTING WITH PERIHEPATIC PACKING VS PERIHEPATIC PACKING ALONE FOR RETROHEPATIC VENA CAVA INJURIES IN A SWINE MODEL | Joshua Hazelton, DO     | David Feliciano, MD      |  |  |  |
| 6:30 pm - ?       |           | President's Dinner   |                         |                          |  |  |  |
| <b>Friday</b>     |           |  |                         |                          |  |  |  |
| 7:00 am - 9:00 am |           | Breakfast in Exhibit Hall  |                         |                          |  |  |  |
| 7:00 am - 2:00 pm |           | Exhibits   |                         |                          |  |  |  |
| 7:00 am - 3:00 pm |           | Registration   |                         |                          |  |  |  |
| 6:15-7:30 am      |           | <b>Committee Meetings</b>  |                         |                          |  |  |  |
|                   |           | Military Liaison Committee Meeting   |                         |                          |  |  |  |
|                   |           | Injury Assessment and Outcome Committee Meeting  |                         |                          |  |  |  |
|                   |           | Publications and Communication Committee Meeting   |                         |                          |  |  |  |
|                   |           | Geriatric Trauma Ad Hoc Committee Meeting  |                         |                          |  |  |  |

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|--------------------|------|--|--------------------------|-------------------------------|--|--|--|
|                    |      | Pediatric Trauma Committee Meeting   |                          |                               |  |  |  |
|                    |      | Education/CME Committee Meeting  |                          |                               |  |  |  |
| 6:15-7:30 am       |      | AAST Board of Managers Meeting   |                          |                               |  |  |  |
| 6:15 am - 7:30 am  |      | International Breakfast - Hans-Christoph Pape, MD  |                          |                               |  |  |  |
| 7:30 - 8:00 am     |      | <b>Session XI: Demystifying Government Research, Todd Rasmussen, MD</b>  |                          |                               |  |  |  |
| 8:00 am - 10:55 am |      | <b>Session XII: Quickshots</b>   |                          |                               |  |  |  |
|                    |      | <b>Moderator: C. William Schwab, MD</b>  | <b>Presenter</b>         | <b>Discussant</b>             |  |  |  |
|                    | QS1  | 8:01-8:07 CONTEMPORARY MANAGEMENT AND OUTCOMES OF BLUNT THORACIC AORTIC INJURY: A MULTICENTER RETROSPECTIVE STUDY  | Megan Brenner, MD        | Michael Sise, MD              |  |  |  |
|                    | QS2  | 8:08-8:14 EARLY WHOLE BLOOD AUTO-TRANSFUSION: AN UNDEFINED PRACTICE IN CIVILIAN TRAUMA   | Peter Rhee, MD, MPH      | Juan Duchesne, MD             |  |  |  |
|                    | QS3  | 8:15-8:21 DEFINING THE EXCESS MORBIDITY AND MORTALITY ATTRIBUTABLE TO EMERGENCY GENERAL SURGERY  | Allan Peetz, MD          | Shahid Shafi, MD              |  |  |  |
|                    | QS4  | 8:22-8:28 INDUCING ACUTE TRAUMATIC COAGULOPATHY IN VITRO   | Benjamin Howard, MD, MPH | Walter Biffi, MD              |  |  |  |
|                    | QS5  | 8:29-8:35 INHALED, NEBULIZED SODIUM NITRITE PROTECTS AGAINST TRAUMA/HEMORRHAGIC SHOCK INDUCED TISSUE INJURY AND INFLAMMATION                                   | Benjamin Kautza, MD      | Rosemary Kozar, MD, PhD       |  |  |  |
|                    | QS6  | 8:36-8:42 TWO YEAR CESSATION OF RESIDENT TEAMWORK TRAINING IMPACTS TRAUMA RESUSCITATION PERFORMANCE AND EFFICIENCY   | Charles Harris, MD       | Joseph Galante, MD            |  |  |  |
|                    | QS7  | 8:43-8:49 OPERATIVE VERSUS NON-OPERATIVE MANAGEMENT OF MULTIPLE RIB FRACTURES  | Mauricio Velasquez, MD   | Marc de Moya, MD              |  |  |  |
|                    | QS8  | 8:50-8:56 A COMPARISON OF DIAGNOSTIC PERITONEAL LAVAGE TO COMPUTED TOMOGRAPHY IN THE DIAGNOSIS OF THORACO-ABDOMINAL STAB WOUNDS                                | Reza Salabat, MD         | Leonard Weireter, Jr., MD     |  |  |  |
|                    | QS9  | 8:57-9:03 THE IMPACT OF IMAGE-SHARING ON THE EVALUATION OF TRAUMA TRANSFER PATIENTS IN A RURAL TRAUMA SYSTEM   | Tanveer Zamani, MD       | Sharon Henry, MD              |  |  |  |
|                    | QS10 | 9:04-9:10 LEVEL I ACADEMIC TRAUMA CENTER INTEGRATION AS A MODEL FOR SUSTAINING COMBAT SURGICAL SKILLS: THE RIGHT SURGEON IN THE RIGHT PLACE FOR THE RIGHT TIME | Rachel Hight, MD         | Nicholas Namias, MD           |  |  |  |
|                    | QS11 | 9:11-9:17 RISK ASSESSMENT MODELS FOR PREDICTING VENOUS THROMBOEMBOLISM IN TRAUMA PATIENTS ARE NOT ADEQUATE   | Jan-Michael Van Gent, DO | Avery Nathens, MD, Ph.D., MPH |  |  |  |
|                    | QS12 | 9:18-9:24 IMPACT OF SOCIO-ECONOMIC STATUS ON HOSPITAL LENGTH OF STAY FOLLOWING INJURY: A MULTICENTER COHORT STUDY  | Lynne Moore, PhD         | Karen Brasel, MD, MPH         |  |  |  |
|                    | QS13 | 9:25-9:31 REPAIR VERSUS LIGATION OF MAJOR VENOUS INJURY AFTER PENETRATING TRAUMA: IS THERE A DIFFERENCE IN DEVELOPMENT OF PULMONARY EMBOLISM?                  | Casey Allen, MD          | Ronald Simon, MD              |  |  |  |
|                    | QS14 | 9:32-9:38 ULTRASOUND VS. PALPATION GUIDED RADIAL ARTERY CATHETERIZATION: A RANDOMIZED CONTROLLED TRIAL   | Lucy Ruangvoravat, MD    | Christine Cocanour, MD        |  |  |  |
|                    | QS15 | 9:39-9:45 A PROSPECTIVE EVALUATION OF SURGICAL RESIDENT INTERPRETATION OF CT SCANS FOR TRAUMA  | Reinaldo Morales, MD     | David Efron, MD               |  |  |  |
|                    | QS16 | 9:46-9:52 WELCOME BACK: FACTORS ASSOCIATED WITH EARLY READMISSION FOLLOWING TRAUMA   | Jennifer Roberts, MD, MS | David King, MD                |  |  |  |
|                    | QS17 | 9:53-9:59 FIBRINOLYSIS DOES NOT OCCUR FOLLOWING RESUSCITATION IN SEVERE HEMORRHAGIC SHOCK REQUIRING IMMEDIATE OPERATION  | Mona Taleb, MD           | Mitchell Cohen, MD            |  |  |  |
|                    | QS18 | 10:00-10:06 INTRACRANIAL PRESSURE MONITORING DURING THERAPEUTIC CEREBROSPINAL FLUID DRAINAGE: "ONLY PART OF THE STORY?"  | Raymond Fang, MD         | Susan Rowell, MD              |  |  |  |
|                    | QS19 | 10:07-10:13 COMPLICATIONS OF DAMAGE CONTROL AND DEFINITIVE LAPAROTOMY IN COMBAT: 2002-2011   | Thomas Mitchell, MD      | C. William Schwab, MD         |  |  |  |
|                    | QS20 | 10:14-10:20 STRESS-INDUCED HYPERGLYCEMIA IS ASSOCIATED WITH HIGHER MORTALITY IN SEVERE TRAUMATIC BRAIN INJURY  | Patrick Bosarge, MD      | Jay Doucet, MD                |  |  |  |
|                    | QS21 | 10:21-10:27 DETERMINING FACTORS THAT IMPROVE RESPONSE TO INPATIENT REHABILITATION IN PATIENTS WITH MODERATE TO SEVERE TRAUMATIC BRAIN INJURY                   | Fred McLafferty, BA      | Garth Utter, MD               |  |  |  |
|                    | QS22 | 10:28-10:34 THE DISPARITY GAP IN TRAUMA DOES NOT NARROW FOR UNINSURED ADULTS SUFFERING SEVERE INJURY   | Jon Gerry, MD            | Adil Haider, MD               |  |  |  |
|                    | QS23 | 10:35-10:41 BLUNT DUODENAL TRAUMA, IS NON-OPERATIVE MANAGEMENT SAFE?   | Matthew Bradley, MD      | Anna Ledgerwood, MD           |  |  |  |

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**September 10-13, 2014**  
**Schedule**

|                     |             |   |                         |   |  |  |  |
|---------------------|-------------|---|-------------------------|---|--|--|--|
| QS24                | 10:42-10:48 | MICROARRAY ANALYSIS OF GENE EXPRESSION PROFILES IN TRAUMATIC BRAIN INJURED PATIENTS: IMPACT OF PREHOSPITAL FLUID RESUSCITATION                                | Matthew Delano, MD, PhD | Eric Ley, MD  |  |  |  |
| QS25                | 10:49-10:55 | CAN MESENCHYMAL STEM CELLS REVERSE CHRONIC STRESS-INDUCED IMPAIRMENT OF WOUND HEALING FOLLOWING TRAUMATIC INJURY?   | Amy Gore, MD            | Gregory Victorino, MD   |  |  |  |
| 10:55 - 11:15 am    |             | Break in Exhibit hall   |                         |   |  |  |  |
| 11:15 am - 12:15 pm |             | <b>Session XIII: Fitts Lecture - Ronald Tompkins, MD, ScD, <i>Genomics of Injury - The Glue Grant Experience</i></b>  |                         |   |  |  |  |
| 12:15 - 1:30 pm     |             | <b>Lunch Sessions</b>   |                         |   |  |  |  |
|                     |             |   |                         |   |  |  |  |
|                     |             | VII Managing Unexpected findings at emergency laparotomy  |                         | PLEASE NOTE: Final room names and locations will be located on the lunch session tickets. |  |  |  |
|                     |             | VIII What's new in reversal of systemic anticoagulation: new drugs, new challenges  |                         |   |  |  |  |
|                     |             | IX Surgical Management of Arterial and Venous Pelvic Hemorrhage   |                         |   |  |  |  |
|                     |             | X What every trauma surgeon should know about managing an unexpected, multiple casualty disaster  |                         |   |  |  |  |
|                     |             | XI Death, Dying and Futile Care in the ICU, ED and OR - What have we learned?   |                         |   |  |  |  |
|                     |             | XII Assessment of Geriatric Patient After Falls   |                         |   |  |  |  |
| 1:30-4:50 pm        |             | <b>Session XIVA: Papers 35-44</b>   |                         |   |  |  |  |
|                     |             | <b>Moderator: Donald Trunkey, MD Recorder: David Spain, MD</b>  | <b>Presenter</b>        | <b>Discussant</b>   |  |  |  |
| Paper 35            | 1:30-1:50   | CORRELATION OF CEREBRAL OXYGEN DYNAMICS AND METABOLIC CRISIS IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY (sTBI)  | Michael Stiefel, MD     | Jose Pascual Lopez, MD  |  |  |  |
| Paper 36            | 1:50-2:10   | A COST ANALYSIS OF SURGICAL STABILIZATION VERSUS CONVENTIONAL MANAGEMENT OF SEVERE RIB FRACTURES  | Sarah Majercik, MD, MBA | Suresh Agarwal, MD  |  |  |  |
| Paper 37            | 2:10-2:30   | CAN WE EVER STOP WORRYING ABOUT VENOUS THROMBOEMBOLISM AFTER TRAUMA?  | Laura Godat, MD         | Ali Salim, MD   |  |  |  |
| Paper 38            | 2:30-2:50   | VARIATIONS IN IMPLEMENTATION OF ACUTE CARE SURGERY: RESULTS FROM A NATIONAL SURVEY OF UNIVERSITY-AFFILIATED HOSPITALS   | Heena Santry, MD        | John Fildes, MD   |  |  |  |
| Paper 39            | 2:50-3:10   | IS IT A MYTH THAT THE WHOLE-BODY COMPUTED TOMOGRAPHY IMPROVES THE OUTCOME FOR POLY-TRAUMA PATIENTS WITH AN ISS 16 AND OVER ? : A PROPENSITY-ADJUSTED ANALYSIS | Takashi Fujita, MD      | H. Gill Cryer, MD, PhD  |  |  |  |
| Paper 40            | 3:10-3:30   | THE ANATOMIC SEVERITY OF CHEST WALL INJURIES DOES NOT PREDICT POST-RECOVERY PULMONARY SYMPTOMS: A PROSPECTIVE COHORT STUDY                                    | Tejveer Dhillon, MD     | Raminder Nirula, MD, MPH  |  |  |  |
| Paper 41            | 3:30-3:50   | A GERIATRIC SPECIFIC RIB FRACTURE PROTOCOL SIGNIFICANTLY IMPROVES MORTALITY   | Sean Monaghan, MD       | Ronald Gross, MD  |  |  |  |
| Paper 42            | 3:50-4:10   | INTRODUCTION OF A MOBILE DEVICE BASED TERTIARY SURVEY APPLICATION REDUCES MISSED INJURIES: A MULTI-CENTER PROSPECTIVE STUDY                                   | Bradley Moffat, MD      | Leopoldo Cancio, MD   |  |  |  |
| Paper 43            | 4:10-4:30   | PRIORITIZING QUALITY IMPROVEMENT IN ACUTE CARE SURGERY  | Christopher McCoy, MD   | David Harrington, MD  |  |  |  |
| Paper 44            | 4:30-4:50   | DOES RESUSCITATION WITH PLASMA INCREASE THE RISK OF VENOUS THROMBOEMBOLISM?   | Ashley Zander, DO       | Heidi Frankel, MD   |  |  |  |
| 1:30-4:50 pm        |             | <b>Session XIVB: Papers 45-54</b>   |                         |   |  |  |  |
|                     |             | <b>Moderator: Robert Winchell, MD Recorder: David Livingston, MD</b>  |                         |   |  |  |  |
| Paper 45            | 1:30-2:10   | USING A VIDEO DECISION-SUPPORT TOOL TO INFORM SURROGATE DECISIONS IN THE SURGICAL INTENSIVE CARE UNIT   | Zara Cooper, MD, MSc    | David Livingston, MD  |  |  |  |
| Paper 46            | 1:50-2:10   | LETHAL NOW OR LETHAL LATER: THE NATURAL HISTORY OF GRADE IV BLUNT CEREBROVASCULAR INJURY  | Margaret Lauerman, MD   | Martin Croce, MD  |  |  |  |
| Paper 47            | 2:10-2:30   | THE VALIDITY OF ABDOMINAL EXAMINATION IN BLUNT TRAUMA PATIENTS WITH DISTRACTING INJURIES  | Jack Rostas, MD         | Andrew Kirkpatrick, MD, CD, MHSc  |  |  |  |
| Paper 48            | 2:30-2:50   | SURGEON PERFORMED ULTRASOUND (SPUS) IN PREDICTING WOUND INFECTIONS: NO COLLECTION, NO INFECTION.  | Christopher Barrett, MD | Nicole Stassen, MD  |  |  |  |
| Paper 49            | 2:50-3:10   | AN ANALYSIS OF THE EFFECTIVENESS OF A STATE TRAUMA SYSTEM: TREATMENT AT DESIGNATED TRAUMA CENTERS IS ASSOCIATED WITH AN INCREASED PROBABILITY OF SURVIVAL     | Dennis Ashley, MD       | Joseph Tepas, III, MD   |  |  |  |

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|                    |             |  |                             |                               |  |  |  |
|--------------------|-------------|--|-----------------------------|-------------------------------|--|--|--|
| Paper 50           | 3:10-3:30   | A REASSESSMENT OF THE IMPACT OF TRAUMA SYSTEMS CONSULTATION ON REGIONAL TRAUMA SYSTEM DEVELOPMENT  | Robert Winchell, MD         | Richard Mullins, MD           |  |  |  |
| Paper 51           | 3:30-3:50   | INTIMATE PARTNER VIOLENCE – RISKS GO BEYOND THE VIOLENCE: ASSOCIATION OF INTIMATE PARTNER VIOLENCE WITH MENTAL ILLNESS AND SUBSTANCE ABUSE AMONG FEMALES ADMITTED TO A RURAL LEVEL-I TRAUMA CENTER | Ashley Hink, MD, MPH        | James Davis, MD               |  |  |  |
| Paper 52           | 3:50-4:10   | IS TRAUMATIC VIOLENCE GETTING BETTER OR WORSE? NON-FATAL GUN VIOLENCE AT AN URBAN TRAUMA CENTER  | Vincent Chong, MD, MS       | Lenworth Jacobs, Jr., MD, MPH |  |  |  |
| Paper 53           | 4:10-4:30   | TRAUMA PATIENT READMISSIONS: WHY DO THEY COME BACK FOR MORE?   | Laura Petrey, MD            | Mark Malangoni, MD            |  |  |  |
| Paper 54           | 4:30-4:50   | MINIMALLY INVASIVE IS MAXIMALLY EFFECTIVE: THERAPEUTIC AND DIAGNOSTIC LAPAROSCOPY FOR PENETRATING ABDOMINAL INJURIES   | Paul Chestovich, MD         | Rao Ivatury, MD               |  |  |  |
| 4:50 - 5:00 pm     |             | Military Awards  |                             |                               |  |  |  |
| 5:00 - 6:15 pm     |             | AAST Annual Business Meeting   |                             |                               |  |  |  |
| 7:30 - 8:00 pm     |             | Reception  |                             |                               |  |  |  |
| 8:00 - 10:00 pm    |             | Banquet  |                             |                               |  |  |  |
| <b>Saturday</b>    |             |  |                             |                               |  |  |  |
| 7:00 am- 8:00 am   |             | New Fellows Breakfast  |                             |                               |  |  |  |
| 7:30 am - 10:00 am |             | Registration   |                             |                               |  |  |  |
| 7:30 am - 9:00 am  |             | Breakfast  |                             |                               |  |  |  |
| 8:00 am- 12:00 pm  |             | <b>Session XV: Papers 55-66</b>  |                             |                               |  |  |  |
|                    |             | <b>Moderator: Thomas Scalea, MD    Recorder: Susan Briggs, MD, MPH</b>   | <b>Presenter</b>            | <b>Discussant</b>             |  |  |  |
| Paper 55           | 8:00-8:20   | TWO ARE BETTER THAN ONE: SYNERGY OF BETA-BLOCKADE AND STATIN THERAPY ON SURVIVAL IN SEPSIS   | Irada Ibrahim-zada, MD, PhD | Carl Hauser, MD               |  |  |  |
| Paper 56           | 8:20-8:40   | SAVING LIVES AND SAVING MONEY: HOSPITAL-BASED VIOLENCE PREVENTION IS COST-EFFECTIVE  | Randi Smith, MD, MPH        | Carnell Cooper, MD            |  |  |  |
| Paper 57           | 8:40-9:00   | PROSPECTIVE, MULTICENTER DERIVATION OF A CLINICAL DECISION RULE FOR THORACIC AND LUMBAR SPINE EVALUATION AFTER BLUNT TRAUMA  | Kenji Inaba, MD             | Carrie Sims, MD               |  |  |  |
| Paper 58           | 9:00-9:20   | THE EVIL OF GOOD IS BETTER: MAKING THE CASE FOR BASIC LIFE SUPPORT TRANSPORT OF PENETRATING TRAUMA VICTIMS IN AN URBAN ENVIRONMENT   | Joseph Rappold, MD          | Norman McSwain, Jr., MD       |  |  |  |
| Paper 59           | 9:20-9:40   | MORTALITY FOLLOWING EMERGENCY SURGERY CONTINUES TO RISE AFTER DISCHARGE IN THE ELDERLY   | Erika Rangel, MD, MS        | George Velmahos, MD, PhD      |  |  |  |
| Paper 60           | 9:40-10:00  | PREVENTING MOTOR VEHICLE CRASHES THROUGH GRADUATED DRIVING LICENSING LAWS IN MASSACHUSETTS: A POPULATION-BASED STUDY   | Haytham Kaafarani, MD, MPH  | Barbara Gaines, MD            |  |  |  |
| Paper 61           | 10:00-10:20 | THE EFFECT OF TISSUE DAMAGE VOLUME ON SYSTEMIC INFLAMMATION AND ORGAN FAILURE  | Travis Frantz, MS4          | Basil Pruitt, Jr, MD          |  |  |  |
| Paper 62           | 10:20-10:40 | DOES SIZE MATTER, OR IS EXPERIENCE WHAT REALLY COUNTS? ANNUAL CLINICAL EXPERIENCE (PER SURGEON) IS ASSOCIATED WITH IMPROVED SURVIVAL   | Richard Doty                | Joseph Minei, MD              |  |  |  |
| Paper 63           | 10:40-11:00 | THE CLINICAL SIGNIFICANCE OF SOLUBLE RAGE IN PATIENTS WITH SEVERE SEPSIS   | Hisatake Matsumoto, MD      | Eileen Bulger, MD             |  |  |  |
| Paper 64           | 11:00-11:20 | THE PEDIATRIC TRAUMA CENTER AND THE INCLUSIVE TRAUMA SYSTEM: IMPACT ON SPLENECTOMY RATES   | Emily Murphy, MD            | Mary Fallat, MD               |  |  |  |
| Paper 65           | 11:20-11:40 | EMERGENCY GENERAL SURGERY OUTCOMES IN TEACHING VERSUS NON-TEACHING HOSPITALS   | Syed Nabeel Zafar, MB, MPH  | Jerry Jurkovich, MD           |  |  |  |
| Paper 66           | 11:40-12:00 | PNEUMOMEDIASTINUM FOLLOWING BLUNT TRAUMA: WORTH WHILE A WORKUP?  | Konstantinos Chouliaras, MD | Oscar Guillaumondegui, MD     |  |  |  |
|                    |             |  |                             |                               |  |  |  |
|                    |             |  |                             |                               |  |  |  |

Schedule subject to change. Please check conference app and program book for most up to date schedule and room names.