



# 75<sup>TH</sup> ANNUAL MEETING

OF THE

*American Association for the Surgery of Trauma  
& Clinical Congress of Acute Care Surgery*

**SEPTEMBER 14-17, 2016**

Hilton Waikoloa Village, Hawaii

[www.aast.org](http://www.aast.org)



# PRESIDENT'S AND PROGRAM CHAIRMAN'S MESSAGES



The venue could not be more spectacular! From September 14–17, 2016, the Hilton Waikoloa Village on the Big Island will be rolling out the red carpet to welcome the attendees of the AAST Annual Meeting. The huge hotel is spacious—it has five swimming pools and several restaurants, and it offers a host of other fun things to do.

As customary, the AAST meeting in Hawaii has a unique schedule that allows attendees to have a full learning experience and take advantage of the beautiful and relaxing surroundings. The meeting begins early on Wednesday, at 7:30 a.m., continues throughout the day, and ends with the popular Poster Sessions. Thursday is a half-day of meeting time, and includes podium presentations as well as the scholarship recipients' updates on their research projects. In alignment with our international profile, the Australian and New Zealand program will be conducted on Thursday afternoon. This is an optional opportunity for all attendees at no additional charge. Trainees will be giving 23 of the 70 podium presentations, attesting to our investment in the future of our organization.

Each day of the meeting includes some special features. Wednesday's events include the Resident, Medical Student, and In-Training Fellow Breakfast; the Presidential Address, *A Legacy of Caring*; and the Master Surgeon Lecture, *NIH P-50 Sponsored Team Science in Multiple Organ Failure*, will be given by Frederick Moore, M.D. Thursday's special session includes the Fitts Lecture, *When Peace Breaks Out*, which will be given by M. Margaret Knudson, M.D. On Friday, a panel session will highlight the opportunities for military and civilian collaboration. Later that day, military medals will be presented to honor our members and attendees for their service. The New Member Breakfast will be held on Saturday morning, and the Quick Shots will be presented in two sessions. Finally, the Lunch Sessions, which will be conducted on Wednesday and Friday, will offer a host of topics and cover a wide variety of interest. Special guests at this year's Annual Meeting include the President of the Society of Trauma Nurses, Joan Pirrung, R.N., and the President of ESTES, Jonathan Tilsed, M.D.

I am grateful to Dr. David Spain and the AAST staff, who, through their hard work and talent, have assembled this outstanding program. Also, my gratitude to the presenters and participants whose contributions will provide outstanding educational opportunities for our members and guests. On behalf of the AAST, I'd like to extend our thanks for the financial support from the numerous exhibitors who play a major role in this meeting. I look forward to personally greeting you in Hawaii!

**Grace S. Rozycki, MD, MBA**  
AAST President



Once again we have a strong and diverse program for our Annual Meeting this year, as noted by President Rozycki. As judged by the submissions, topics that are important to our members include shock and resuscitation, trauma system function, coagulopathy, geriatrics, and outcomes research. The Program Committee members put in overtime this year, grading almost 700 abstracts. We also had an extremely productive committee meeting, selecting not just the abstracts, but the invited discussants, panel topic, and lunch session topics. The committee, along with the help of Sharon Gautschy and Jermica Smith, did an incredible amount of work putting together this outstanding program. We are indebted to all of them for their hard work, especially Drs. Rozycki, Croce, Kirton, and Harrington as they complete their terms on the Program Committee.

**David A. Spain, MD**  
AAST Program Chairman



|                                          |       |
|------------------------------------------|-------|
| Speakers: Presidential Address Fitts     |       |
| Oration & Master Surgeon Lecture . . . . | 4     |
| Hotel and Travel Information . . . . .   | 5-6   |
| Things to Do/Attractions . . . . .       | 7     |
| Lunch Sessions . . . . .                 | 8-9   |
| Overview & Policies . . . . .            | 10    |
| Exhibitor Information . . . . .          | 11    |
| Schedule At-A-Glance . . . . .           | 12-21 |
| Registration Form . . . . .              | 22-23 |



## WIN BEFORE YOU GET TO THE MEETING

### THE AAST RESEARCH AND EDUCATION FUND COMMITTEE 2016 **20forTwenty** DONOR RAFFLE



#### PRIZES:

Two \$200 Hilton Hotels & Resorts Gift Cards\*, which can be used for the following Hilton attractions:

- Hilton Waikoloa Village Dolphin Quest Hawaii
- Water Sports
- Cabana Rentals
- Hotel Room/Incidentals

*\*Hilton Gift Card can be used at any Hilton Hotel & Resort within the US.*

#### RAFFLE RULES:

- All donations to **20forTwenty** received between 8/1/15 and 7/1/16 are eligible.
- Each \$20 donated = 1 raffle entry.
- Winners will be notified by July 15, 2016.
- Gift cards will be available for pick up at the AAST Information Desk in Hawaii.  
(\*If winners are not present, gift cards will be mailed and can be used at any Hilton in the US.)
- Winners will be listed in the AAST onsite meeting newsletter, distributed during the meeting.

#### 3 EASY WAYS TO GIVE:

- Text2Give — Just text “@TRAUMA” to 52014 and follow the prompts.
- Online [www.aast.org/donate](http://www.aast.org/donate)
- Contact Jermica Smith at (800) 789-4006

# SPEAKERS



## **PRESIDENTIAL ADDRESS** ***A LEGACY OF CARING*** **Grace S. Rozycki, MD, MBA**

Dr. Rozycki is the Willis D. Gatch Professor of Surgery Chief of Surgery at Indiana University Health Methodist Hospital, and the Associate Chair of the Indiana University School of Medicine Department of Surgery.

Dr. Rozycki came to Indiana University School of Medicine in 2013 from Emory University School of Medicine, where she served as Chief of Trauma, Surgical Critical Care, and Emergency General Surgery at Grady Memorial Hospital for nearly 19 years. Dr. Rozycki also served as Vice Chair of Academic Affairs for the Department of Surgery at Emory University School of Medicine. Additionally, since 1997, she was the Program Director for the Trauma/Surgical Critical Care Fellowship.

Dr. Rozycki is Past President of the Southeastern Surgical Congress, the Western Trauma Association, and the Georgia

Chapter of the American College of Surgeons, and she is the current President of the American Association for the Surgery of Trauma.

Dr. Rozycki has a strong commitment to education and mentoring; her Mentor Program is in its 19<sup>th</sup> year. In 2011, she received the American Medical Student Association Women Leaders in Medicine Award. And, in 2015, she received the American Medical Association's Women Physicians Section Inspirational Physician Award.

As a registered diagnostic medical sonographer, Dr. Rozycki conducted the seminal studies on the technique and accuracy of surgeon-performed ultrasound in injured patients.

A graduate of Jefferson Medical College, Dr. Rozycki completed her General Surgery residency at the University of Tennessee, Medical Center at Knoxville, and a fellowship in Trauma/Surgery Critical Care at the Washington Hospital Center in Washington, D.C. Dr. Rozycki also received an MBA from the Goizueta School of Business at Emory University.



## **42<sup>ND</sup> WILLIAM T. FITTS, JR. ORATION** ***WHEN PEACE BREAKS OUT*** **M. Margaret Knudson, MD**

M. Margaret (Peggy) Knudson MD, FACS attended medical school at the University of Michigan. After completing her surgical residency at University of Michigan, she joined the surgical faculty at Stanford

University where she served as the Assistant Trauma Director. In 1989, Dr. Knudson was recruited to the University of California at San Francisco and has attained the rank of Professor in the Ladder Series. Her practice is based primarily at San Francisco General Hospital and Trauma Center, where she is an attending surgeon with the trauma/critical care/emergency surgery services. For 20 years, Dr. Knudson has served as the Director of the San Francisco Injury Center for Research and Prevention,

one of the first CDC-funded centers in the nation. Her research focuses on resuscitation, venous thromboembolic disease, and pediatric injury prevention. She served on the Committee on Trauma (COT) for 17 years, including four years as the Vice-Chair for the central COT. She was awarded the National Safety Council Award from COT and AAST for her work in trauma and injury prevention. She has also been on the Board of Managers of both the Western Trauma Association and the American Association for the Surgery of Trauma.

She is a member of the editorial boards for the *Journal of Trauma and Acute Care Surgery* and the *Journal for the American College of Surgeons and Shock*. She was the Science Chair for the National Trauma Institute for four years and continues to be on their Board of Directors. Dr. Knudson has recently been appointed as the Medical Director for the Military Health System Strategic Partnership with the American College of Surgeons.



## **MASTER SURGEON LECTURE** ***NIH P-50 SPONSORED*** ***TEAM SCIENCE IN MULTIPLE*** ***ORGAN FAILURE*** **Frederick A. Moore, MD**

Fred Moore was born and raised in Western Pennsylvania. He graduated from Allegheny College in 1975, and the University of Pittsburgh Medical School in 1979. He then

moved to Denver for General Surgery training at the University of Colorado. In 1986, he joined his brother Gene as a trauma surgeon and medical director for the surgical ICU at the Denver General "Knife and Gun Club." In 1996, he moved to Houston to

become the "Red Duke" Professor of Surgery at the University of Texas, Houston, and the Medical Director of Trauma at the Memorial Hermann Hospital. In 2011, he moved to Gainesville where he is currently Professor and Head of Division of Acute Care at the University of Florida. Over his 30-year career, Dr. Moore has participated in a series of NIH P-50 Trauma Center Grants doing robust, multidisciplinary translational research related to the evolving epidemiology of MOF. These research efforts have been heavily influenced by many of AAST's members and other P-50 sponsored research teams. Today, Dr. Moore will provide an overview of three decades of team science related to elucidating the evolving syndrome of MOF, and will emphasize the seminal contributions made by trauma surgeons and the lessons learned along the way.

## HILTON WAIKOLOA VILLAGE

69-425 Waikoloa Beach Drive

Waikoloa, Hawaii 96738

Phone: 808-886-1234

Fax: 808-886-2824

[www.hiltonwaikoloavillage.com](http://www.hiltonwaikoloavillage.com)

### BOOKING YOUR ROOM:

AAS has negotiated a block of rooms at the Hilton Waikoloa Village for attendees of the 75<sup>th</sup> Annual Meeting of AAST and Clinical Congress of Acute Care Surgery. The Run of House room rate is \$235/night, \$260/night for Partial Ocean View, and ~~\$285/night for Full Ocean View~~ **SOLD OUT**. The room rates listed above are based on single/double occupancy and do not include state and local taxes (currently 13.4166%) or the discounted **optional** resort fee at \$12 per room, per night. There is an extra person charge of \$50 per night, per additional adult, when sharing the same room. The additional person charge is waived for children ages 18 and under when sharing rooms with their parents, and using existing bedding. Maximum occupancy per room is four (4) persons.

The AAST group room rates will be honored for the three days prior to, and the three days following the Annual Meeting dates of September 14-17, 2016, based on availability. The cutoff date to receive the

special AAST room rate is August 4, 2016. Reservations received after this date, or after the room block fills, will be based on space and rate availability.

Reservations can be made by using this link: [http://www.hilton.com/en/hi/groups/personalized/K/KOAHWHH-AAST-20160911/index.jhtml?WT.mc\\_id=POG](http://www.hilton.com/en/hi/groups/personalized/K/KOAHWHH-AAST-20160911/index.jhtml?WT.mc_id=POG) or by calling (800) 445-8667 and referencing: American Association for the Surgery of Trauma (AAST) Annual Meeting.

For US Government rates, call the hotel directly at (808) 886-1234, ext. 1800. These rates are based on availability.

Cancellations must be received at least 72 hours prior to arrival in order to avoid a cancellation fee of one night's room fee plus tax.

Hotel check-in is 3:00 p.m. Every effort is made to accommodate guests arriving before the check-in time; however, rooms may not be immediately available. Checkout time is 12:00 noon.

The Daily Resort Charge is **optional** for AAST attendees. Upon arrival, this option can be purchased at \$12 per day (regularly \$25). It includes:

- High-Speed Internet access/Wi-Fi access in guest rooms and public space where available (excludes meeting space)

- PlayStation 3 access with unlimited movies and games (*Limit of 2 checked out at any given time*)
- Local, toll-free, and credit card calls (*no access fee*)
- Hawaiian Cultural Classes (*hula, lei making, and ukulele*)
- 20% discount on beach toys at the saltwater lagoon
- 10% discount on Ocean Sports cruises

Early Departure Fee: To avoid an early checkout fee of \$100, please advise the hotel, at or before check-in, of any change in your planned length of stay.

**\*\* Please note that a deposit of one night's room and tax is required at the time of booking.**

### TRAVEL INFORMATION:

#### Airport Locations

Kona International Airport (airport code: KOA) is approximately 19 miles from the Hilton Waikoloa Village. It will take approximately 30 minutes to travel from the airport to the hotel.

#### Air Transportation

AAS has arranged special meeting discounts on United Airlines. These special discounts are available by booking with United directly, either through a travel agent or online.

*continued on page 6*





## United Airlines

(800) 426-1122

7:00 a.m. – 9:00 p.m. CST; Monday–Friday

8:00 a.m. – 6:00 p.m. CST; Saturday–Sunday

ACS Z Code: **ZVEA**

Agreement Code: **734025**

Purchase your ticket online at

**www.united.com** and receive a discount off of the lowest applicable fares. When booking online, please enter code **ZVEA734025** to receive your discount. Area/Zone fares, based on geographic location, are also available with no Saturday night stay required.

## Ground Transportation

Taxi cabs: From the airport to the Hilton Waikoloa Village are approximately \$65 USD.

Limo and Town Car Service: A town car or limo can be arranged to meet you. To arrange for private transportation, please contact Arthur's Limousine, a division of SpeediShuttle, at (877) 242-5777 or **www.arthurslimousinemaui.com** for more information.

## Airport Shuttle

Shuttle Service counters are located in the Baggage Claim area.

**SpeediShuttle, LLC\***

Toll Free: 1 (877) 242-5777

Local: (808) 242-7777

Email: **reservations@speedishuttle.com**

Website: **www.speedishuttle.com**

\*ADA accessible

## Car Rental

Avis is designated as the official car rental company for the 2016 AAST Annual Meeting. Special meeting rates and discounts are available on a wide selection of GM and other fine cars. To receive these special rates, be sure to mention your Avis Worldwide Discount (AWD) number when you call.

## Avis Reservations

(800) 331-1600

Online Reservations

AWD Number: **B169699**

Avis maintains both baseyards and check-in counters, and they are served by continuous shuttles. You may board the shuttle from the center median located across the street from baggage claim areas A and B.

## Driving Directions and Parking

For driving directions, please contact the hotel directly or use this link:

**<http://www3.hilton.com/en/hotels/hawaii/hilton-waikoloa-village-KOAHWHH/maps-directions/index.html>**

Self-parking is currently \$25 and Valet parking is currently \$30 per vehicle, per day.

## Dining

For information about dining options and the Legends of Hawaii Luau at the Hilton Waikoloa Village, use this link: **[www.hiltonwaikoloavillage.com/dining](http://www.hiltonwaikoloavillage.com/dining)**

## IMPORTANT INFORMATION

### Conference Check-In

All attendees must check-in at registration prior to attending any educational sessions. Badges must be worn at all times. Any attendee not wearing a badge will not be permitted into the educational sessions, the exhibit halls, or the poster halls. Single-day registrants must have a badge displaying the correct day to be able to enter the educational sessions.

**Registration will be held during the following dates and times (Times are subject to change):**

- **Tuesday, September 13:**  
2:00 p.m. – 7:00 p.m.
- **Wednesday, September 14:**  
6:30 a.m. – 5:30 p.m.
- **Thursday, September 15:**  
7:00 a.m. – 12:30 p.m.
- **Friday, September 16:**  
7:00 a.m. – 3:00 p.m.
- **Saturday, September 17:**  
7:00 a.m. – 10:00 a.m. *(only if needed)*

## IMPORTANT DATES

- **Thursday, August 4:** Last day to make hotel reservations at the AAST rate *(based on availability)*.
- **Monday, August 15:** Last day to register at the early bird rate.
- **Friday, August 26:** Last day to request a refund.

## FRIDAY NIGHT LUAU

### TIMES

- 6:30 p.m. – 7 p.m. — Doors open/cocktails
- 7:00 p.m. – 9 p.m. — Buffet dinner
- 7:45 p.m. — Show begins

If you are planning to join us for the Friday evening luau, please note the following:

- ALL tickets are non-transferrable. — If you are not planning to attend the luau, please visit the registration desk or information table to turn in your ticket so we will have an accurate count.
- ALL children MUST be accompanied by an adult.
- ALL attendees (including spouses and children over the age of 2) must wear their meeting badge to enter the luau.
- ALL attendees must also have their ticket to enter to the luau.

Once you enter, you will be given a shell lai. You must wear the lai at all times for the bar and food stations.

- THERE WILL BE NO EXCEPTIONS TO THESE REQUIREMENTS

## DOLPHIN QUEST HAWAII

BE INSPIRED AND MAKE A DIFFERENCE  
Reinvigorate your connection to the ocean while swimming with dolphins and supporting vital marine conservation.

**Hours:** 8:30 a.m. – 5:00 p.m. HST  
Dolphin Quest at Hilton Waikoloa Village®  
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Waikoloa, HI 96738  
Phone: (808) 886-2875  
Toll Free: (800) 248-3316

[www.dolphinquest.com/hawaii-big-island](http://www.dolphinquest.com/hawaii-big-island)

Use promo code **GH255262AAST16** to receive 10% off of these programs, except Wee Tots and Dolphin Family and Friends. Cannot be combined with any other offer.

## KOHALA SPA

Experience the ultimate in relaxation, rejuvenation, and rediscovery at the luxurious 25,000-square-foot Kohala Spa at the Hilton Waikoloa Village. Unwind with an exclusive selection of specialized massages, facials, scrubs, wraps, and hydrotherapy treatments. Work out in the fitness center, or take an energetic exercise class, or take advantage of our expert salon services.

### Hours of Operation (subject to change)

- **Spa Facilities** — 6:00 a.m. to 8:00 p.m.
- **Fitness Access** — 5:00 a.m. to 11:00 p.m.\*
- **Treatments** — 8:00 a.m. to 7:00 p.m.
- **Essence Shop in Main Lobby** — 9:00 a.m. to 6:00 p.m.

*\*Purchase a facility pass to use the fitness cardio and weight room.*

## FITNESS CENTER CLASSES

Certified fitness and wellness specialists offer a variety of daily group classes including Yoga, Cycling, Tai Chi, Body Sculpting, Zumba, Pilates Mat, and Core Conditioning. For full class descriptions and other details, please see check the Kohala Spa Fitness & Wellness schedule. The Pilates/Yoga Studio accommodates all of the yoga, Pilates, and meditation programs. The locker room and lounges offer inhalation steam rooms, lava rock heated saunas, and outdoor garden whirlpools.

The complete line of strength training and cardiovascular equipment includes PreCor dumbbells, elliptical trainers, treadmills, steppers, and recumbent and upright bikes. All machines are equipped with integrated televisions by Cardio Theater.

## MORE THINGS TO DO

For information on things to do while staying at the Hilton Waikoloa Village, and for an interactive resort map, visit <http://www.hiltonwaikoloavillage.com/resort-experiences>

For a guide of activities available on the Big Island, and an interactive island map, visit: <http://www.hiltonwaikoloavillage.com/hawaii-island-guide>



# LUNCH SESSIONS (lunch sessions are an additional \$60 to attend)

## WEDNESDAY, SEPTEMBER 14

12:00 P.M. – 1:15 P.M.

### THE ROLE OF THE RESCUE SURGEON — WHAT TO DO WHEN YOU ARE CALLED FOR INTRAOPERATIVE BLEEDING

*Sponsored by the Acute Care Surgery Committee*

**MODERATOR:** Christopher Dente, MD

**PRESENTERS:** Stephanie Savage, MD, and Andrew Peitzman, MD

The modern acute care surgeon is well versed in the management of acute, unexpected surgical emergencies. Other surgical services, as well as OB/GYN, have recognized these ACS surgeons as rescue surgeons. We all grapple with the optimal vascular training for the surgical residents and ACS fellows as the surgical training paradigm has changed. The primary goal of this session is to describe and standardize the surgical/medical approach to unexpected intraoperative bleeding when the ACS surgeon is called in to help.

### REBOA DEBATE: ESSENTIAL OR DANGEROUS?

*Sponsored by the Education Committee*

**MODERATOR:** L.D. Britt, MD, MPH

**ESSENTIAL:** Lena Napolitano, MD, MPH

**DANGEROUS:** Matthew Martin, MD

REBOA has been adopted in some trauma centers as a standard tool in the armamentarium of trauma surgeons for prompt hemorrhage control. However, the literature is limited and shows mixed outcomes. This session will use a lively debate to discuss the existing REBOA literature, and to determine the ideal application of REBOA in the care of the acutely injured patient.

### WHY DO MY MANUSCRIPTS GET REJECTED?

*Sponsored by the Journal of Trauma and Acute Care Surgery*

**MODERATOR:** Steven R. Shackford, MD

**PRESENTERS:** Ernest Moore, MD, and Angela Sauaia, PhD

The session will include an overview of the review process—from submission, through review, to revision and eventual publication or rejection. We intend to review the reasons manuscripts are rejected by *JTACS*. Our data suggest that the primary reason is insignificant contribution to the current literature and the secondary is insufficient interest to the readership. Our discussion will include strategies to avoid these rejection issues.

### TRANSLATING POINT OF INJURY LESSONS LEARNED FOR THEATER TO THE CIVILIAN EXPERIENCE

*Sponsored by the Military Liaison Committee*

**MODERATOR:** Kirby Gross, MD

**PRESENTERS:** Raymond Fang, MD; Mark Seamon, MD;

Alexander Eastman, MD, MPH, and Frank Butler, MD

A significant part of the improved outcomes of combat casualty care over the past fifteen years of war has been due to advances in point-of-injury care. Civilian colleagues have worked to incorporate these lessons into civilian programs. The Hartford consensus is an example of such an effort, which focuses on hemorrhage control. Tactical Emergency

Casualty Care (TECC) Guidelines take a broader approach to managing point of injury care. This session will discuss these programmatic efforts and explore successes, pitfalls, and challenges.

### BEYOND DAMAGE CONTROL — THROMBOELASTOGRAPHY IN THE ICU

*Sponsored by the Critical Care Committee*

**MODERATOR:** Deborah Stein, MD, MPH

**PRESENTERS:** Mitchell Cohen, MD, Laura Moore, MD, and Sandro Rizoli, MD

We are all aware of the emerging use of Thromboelastography in the Trauma Bay and Operating Rooms with injured patients, but many of us are not aware of the potential implications of use outside of these environments and in other patient populations. This session will:

- Review the basics of Thromboelastography and other related diagnostics (such as multiplate) (Mitch Cohen, MD)
- Describe the use of Thromboelastography in the Surgical and Trauma ICU (Laura Moore, MD)
- Describe the use of Thromboelastography in other patient populations such as cardiac surgery, hepatic failure, post-partum hemorrhage, etc.

### CURRENT SURGICAL MANAGEMENT OF COMPLICATED PANCREATITIS

*Sponsored by the Acute Care Surgery Committee*

**MODERATOR:** Nicole Stassen, MD

**PRESENTERS:** Oliver Gunter, MD, and Nathan Mowery, MD

Surgical management of complications related to acute pancreatitis has changed significantly over the course of the last decade. What once mandated exploration and debridement has given way to any of a number of less invasive techniques. The primary goal of the session is to demonstrate the heterogeneity of complicated pancreatitis via multiple case reviews including clinical scenarios, CT images, and intraoperative images and videos. The secondary goal is to introduce attendees to the current armamentarium of treatment modalities available for the management of this complex disease condition.

## FRIDAY, SEPTEMBER 16

11:45 A.M. – 1:00 P.M.

### THE CONUNDRUM OF FEDERAL TRAUMA RESEARCH FUNDING: CURRENT RISKS AND NEAR, MID-, AND LONG-TERM CONSIDERATION FOR TRAUMA AND INJURY FUNDING IN THE UNITED STATES

*Sponsored by the Program Committee*

**MODERATOR:** Todd Rasmussen, MD and Colonel Jennifer Hatzfeld, MD

**PRESENTERS:** Jeremy Brown; Jennifer Hatzfeld, MD, and Todd Rasmussen, MD

Objective:

- Review the current landscape of federal trauma research funding
- Present strengths, weaknesses, and risks with current structure
- Lay out potential near, mid-, and long-term strategies for trauma and injury research funding in the US

### OVERCOMING THE EHR: COMBINING TRAUMA CARE AND THE COMPUTER

*Sponsored by the Publications and Communications Committee*

**MODERATOR:** Jason Smith, MD, PhD

**PRESENTERS:** Jason Smith, MD, PhD, and Thomas Santora, MD

The implementation of an Electronic Health Record (EHR) into the workflow of a Trauma Center can be fraught with difficulties. While surgeons often recognize the important advances that EHRs have enabled, particularly in accessing information remotely (like checking a patient's test results from home) and improving compliance with guideline-based care, surgeons have also noted important negative effects of current EHRs on their professional lives and, in some troubling ways, on patient care. However, despite these drawbacks, a recent RAND study noted that fewer than 1 in 5 physicians who used an EHR would prefer to return to paper medical records.

Understanding strategies to maximize both implementation and professional satisfaction while using an EHR to help deliver healthcare to trauma patients is vital to the progression of our profession.

The invited discussants will briefly outline ways they have been able to use the EHR:

- Prioritize the synthesis of data instead of the collection of data
- Customize the experience to the physicians instead of the "physicians to the system"
- Understand where paper is still "king"

Following the session, the attendee will:

- Understand strategies to mold current EHR systems into a more usable tool
- Understand the limitations and benefits of the current technology

### RIB FIXATION: WHO, WHEN, WHY

*Sponsored by the Acute Care Surgery Committee*

**MODERATOR:** Marc de Moya, MD

**PRESENTERS:** Walter Biffl, MD; Raminder Nirula, MD, PhD, and Andrew Doben, MD

This session will focus on the contemporary evidence to classify rib fractures, understand who would benefit from fixation, and understand the best timing of rib fixation.

### COMPLEX ABDOMINAL VASCULAR TRAUMA

*Sponsored by the Program Committee*

**PRESENTERS:** Raul Coimbra, MD, PhD, and David Feliciano, MD

Description of operative approaches to complex abdominal vascular wounds including the following:

- Proximal superior mesenteric artery
- Supraceliac aorta
- Aortic bifurcation
- Suprarenal IVC
- Portal/Superior mesenteric veins

### RARE OR UNUSUAL HERNIAS

*Sponsored by the Acute Care Surgery Committee*

**MODERATOR:** Jose Diaz, MD

**PRESENTERS:** Martin Croce, MD, and Charles Adams, MD

Acute care surgeons frequently encounter surgical oddities on nights or weekends when senior assistance is unavailable. This session will describe the presentation, diagnosis, and surgical management of unusual hernias such as: traumatic lumbar hernia, intercostal hernia, Morgagni hernia, etc., that acute care surgeons may encounter.

### STOP THE BLEEDING: ESTABLISHING A COMPREHENSIVE COMMUNITY-WIDE HEMORRHAGE CONTROL PROGRAM ACROSS YOUR TRAUMA SYSTEM

*Sponsored by the Prevention Committee*

**MODERATOR:** Alexander Eastman, MD, MPH

**PRESENTERS:** Lenworth Jacobs, MD, MPH; Ronald Stewart, MD, and Richard Carmona, MD

The objectives of this Prevention Committee sponsored lunch session are:

- To review the findings of the Hartford Consensus and how they affect trauma centers and trauma systems.
- Highlight the role of the immediate responder, and review best practices with regards to successfully training, equipping, and empowering immediate responders to intervene when required.
- Provide attendees with the tools to launch the *Stop the Bleed Initiative* in their trauma systems.

## PROGRAM

### ***Presentations/Panels***

This year, 70 oral presentations will be offered over three days. Each presentation will be twenty minutes in length; ten minutes will be allotted for the presentation, and ten for discussion from the audience.

### ***Quick Shots***

On Saturday, September 17, from 8:00 – 11:00 a.m., 26 Quick Shots will be presented. Each presenter will have three minutes to speak, and can use up to five slides, to give a brief background of their topic. Then, a discussant will have one minute to ask two questions, and the presenter is given two minutes to respond.

### ***Scientific Posters***

A total of 140 scientific posters will be available for viewing beginning Wednesday, September 14, at 5:00 p.m., through Friday, September 16, at noon. Poster categories and professors will be listed in the final program book, which will be available on-site at the meeting. The Poster Rounds will be held on Wednesday, September 14, from 5:15 – 7:00 p.m.

### ***Industry Exhibits***

At this year's meeting, AAST will host an array of industry-leading companies. These exhibitors are available to discuss their latest products and services, and exchange information with attendees. Please see page 11 for exhibit hall hours and a list of participating companies to date.

## NETWORKING & SPECIAL BREAKFASTS

### ***Resident, Medical Student, and In-Training Fellows Breakfast—Wednesday, September 14 from 6:30–7:30 a.m.***

AAST holds a special breakfast at each Annual Meeting for all attendees who are residents, medical students, or in-training fellows. President-Elect Raul Coimbra, MD, PhD, will give a short presentation. This is also an opportunity for residents, students, and in-training fellows to network with each other.

This breakfast requires pre-registration and is a ticketed event. If you plan to attend, please check the box located next to this event on your registration form (online or paper). There is no cost to attend this breakfast.

### ***International Attendee Breakfast—Friday, September 16 from 6:15–7:25 a.m.***

AAST invites all international attendees to a special breakfast to learn more about the AAST, have the opportunity to network with other international attendees, and to meet the International Relations Committee. The breakfast requires pre-registration and is a ticketed event. If you plan to attend, please check the box located next to this event on your registration form (online or paper). There is no cost to attend this breakfast. Hans-Christoph Pape, MD, Immediate Past President of ESTES, will be the presenter.

### ***New Fellows Breakfast—Saturday, September 17 from 7:00–8:00 a.m.***

This special breakfast is for new members who have joined AAST within the last two years. AAST encourages all new members who are at the meeting to attend. This is a chance to meet the new AAST President, as well as other members of the AAST Board of Managers. This breakfast requires pre-registration and is a ticketed event. If you plan to attend, please check the box located next to this event on your registration form (online or paper). There is no cost to attend this breakfast.

## POLICIES

### ***Cancellation Policy***

Requests for refunds must be made in writing, and received on or before Friday, August 26, 2016. There is a \$75 processing fee for all refunds and returned checks. Cancellations and registrations postmarked after August 26, 2016 will not be eligible for refunds. Conference attendee substitution is permitted, and will be handled on a case-by-case basis. AAST reserves the right to cancel any regularly scheduled session prior to the start of the meeting. Please contact AAST Registration Services with any questions.

### ***AAST Registration Services***

Email: [registration@facs.org](mailto:registration@facs.org);

Phone: (312) 202-5244; Fax: (312) 202-5003

### ***Tickets***

All tickets are non-transferrable. This includes the lunch sessions, the special breakfasts, and the banquet/luau.

### ***Press***

The program has been made available to local science editors. The decision to be interviewed will be the prerogative and responsibility of the presenters. Press will be admitted into the meeting once they have read and agreed to the AAST press policy. An embargo policy is available and will be sent to all press registrants.

### ***Children***

Please note that children under the age of 16 are not permitted to attend AAST scientific events. Attendees who register as "Guests" are permitted to bring children to the daily continental breakfasts, and children are allowed to attend the AAST Banquet /Luau if they have a ticket.

### ***Security***

Badges MUST be worn to gain entry into the exhibit hall, educational sessions, and all other events. We appreciate your cooperation with this security measure.

### ***Special Assistance***

If, due to a disability, you will require any special accommodations while in attendance at this meeting, or have any special restrictions, please let us know by contacting Karla Stuecker, Senior Meeting Planner, at (312) 202-5353 or [kstuecker@facs.org](mailto:kstuecker@facs.org).

### ***AAST Dress Code***

The attire for the meeting is business casual, except for the presenters as business attire is required. The luau is resort casual/business casual. Please note the luau is on the lawn so high heels are not recommended.

# EXHIBITOR INFORMATION

## 2016 AAST ANNUAL MEETING EXHIBITORS

(as of June 10, 2016)

- ACELITY (KCI AND LIFECELL)\*\*
- ACUTE INNOVATIONS
- AMERICAN COLLEGE OF SURGEONS COMMITTEE ON TRAUMA
- BARD DAVOL
- BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.
- COALITION FOR NATIONAL TRAUMA RESEARCH (CNTR)
- DAXOR CORPORATION
- DEPUY SYNTHES\*\*
- EMCARE SURGICAL SERVICES
- ETHICON\*\*
- HAEMONETICS
- INTEGRA LIFE SCIENCES
- NOVUSON SURGICAL, INC.
- NUTECH
- OPTISCAN BIOMEDICAL\*\*
- PRYTIME MEDICAL DEVICES, INC.
- SIEMENS HEALTHCARE\*
- STARSURGICAL, INC.
- TEM SYSTEMS, INC.
- TRAUMA CENTER ASSOCIATION OF AMERICA
- WOLTERS KLUWER
- Z-MEDICA

\* 2016 SILVER SPONSOR

\*\* 2016 BRONZE SPONSOR

## PASSPORT TO PRIZES

Attendees must visit at least 10 of the exhibitor displays during the meeting and have a company representative stamp a square per each passport card. All registered physicians and medical personnel are eligible to participate. Drawings will take place in the exhibit hall on Thursday at 12:30 p.m. and on Friday at 1:00 p.m.

Each attendee will receive two (2) cards (one for Thursday & one for Friday). Get 10 exhibitors to stamp each card for a chance to win: A trip to the 76<sup>th</sup> Annual Meeting of the AAST & Clinical Congress of Acute Care Surgery, September 13–16, 2017 (Baltimore, MD) OR a trip to the 77<sup>th</sup> Annual Meeting of the AAST & Clinical Congress of Acute Care Surgery, September 26–29, 2018 (San Diego, CA). Prizes include: Complimentary meeting registration, 4 nights hotel stay, and either 1 extra banquet ticket or 2 lunch sessions.

\*Medical students are not eligible to win trip prizes. They can win a \$200 American Express gift card.

## EXHIBIT HOURS

- WEDNESDAY  
7:00 A.M. – 5:30 P.M.
- THURSDAY  
7:00 A.M. – 1:00 P.M.
- FRIDAY  
7:00 A.M. – 1:30 P.M.



# SCHEDULE AT A GLANCE

## TUESDAY, SEPTEMBER 13

|                       |              |
|-----------------------|--------------|
| 2:00 p.m. – 7:00 p.m. | Registration |
|-----------------------|--------------|

## WEDNESDAY, SEPTEMBER 14

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| 6:30 a.m. – 7:30 a.m.  | <b>RESIDENT/MEDICAL STUDENT/IN-TRAINING FELLOW BREAKFAST</b><br>Raul Coimbra, MD, PhD, AAST President-Elect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6:15 a.m. – 7:25 a.m.  | <b>Committee Meetings</b><br>Patient Assessment Committee and Military Liaison Committee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6:30 a.m. – 5:30 p.m.  | Registration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 7:00 a.m. – 8:30 a.m.  | Breakfast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7:00 a.m. – 5:30 p.m.  | Exhibits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7:30 a.m. – 7:50 a.m.  | Welcome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7:50 a.m. – 10:50 a.m. | <b>SESSION I</b><br><b>Moderator:</b> Raul Coimbra, MD, PhD <b>Recorder:</b> David Spain, MD<br><b>PAPER 1 7:50 AM</b> OPTIMIZATION BRAIN METABOLISM USING METABOLIC-TARGETED HYPAOTHERMIA THERAPY CAN REDUCE MORTALITY OF TRAUMATIC BRAIN INJURY<br><b>Presenter:</b> Wen-Yuan Wang, MBBS; Sichuan Academy of Medical Sciences<br><b>Discussant:</b> Daniel Eiferman, MD<br><b>PAPER 2 8:10 AM</b> STAPLED VS. HANDSEWN: A PROSPECTIVE EMERGENCY SURGERY STUDY (SHAPES)<br><b>Presenter:</b> Brandon Bruns, MD; AAST MITC<br><b>Discussant:</b> Gregory “Jerry” Jurkovich, MD<br><b>PAPER 3 8:30 AM</b> “WeBET” THAT WEIGHT BASED ENOXAPARIN DOSING DECREASES DVT IN HOSPITALIZED TRAUMA PATIENTS: A RANDOMIZED, CONTROL, DOUBLE BLIND TRIAL<br><b>Presenter:</b> Annika Kay, PA-C; Intermountain Medical Center<br><b>Discussant:</b> Gerald Fortuna, Jr., MD<br><b>PAPER 4 8:50 AM</b> ACUTE RIGHT HEART FAILURE AFTER TRAUMA PNEUMONECTOMY – IS IT PREVENTABLE?: A BLINDED RANDOMIZED CONTROLLED ANIMAL TRIAL USING INHALED NITRIC OXIDE (iNO)<br><b>Presenter:</b> Andrea Lubitz, MD; Katz School of Medicine at Temple University<br><b>Discussant:</b> James O’Connor, MD<br><b>PAPER 5 9:10 AM</b> EFFICACY OF LOW MOLECULAR WEIGHT HEPARIN VS UNFRACTIONATED HEPARIN TO PREVENT PULMONARY EMBOLISM FOLLOWING MAJOR TRAUMA: RESULTS FROM THE AMERICAN COLLEGE OF SURGEONS TRAUMA QUALITY IMPROVEMENT PROGRAM<br><b>Presenter:</b> James Byrne, MD; Sunnybrook Health Science Centre<br><b>Discussant:</b> Steven Shackford, MD<br><b>PAPER 6 9:30 AM</b> SURVEY OF THE AMERICAN COLLEGE OF SURGEONS COMMITTEE ON TRAUMA MEMBERSHIP ON FIREARM INJURY: CONSENSUS AND OPPORTUNITIES<br><b>Presenter:</b> Deborah Kuhls, MD; American College of Surgeons Committee on Trauma<br><b>Discussant:</b> Ernest Moore, MD<br><b>PAPER 7 9:50 AM</b> AN AAST-MITC ANALYSIS OF PANCREATIC TRAUMA: STAPLE OR SEW? RESECT OR DRAIN?<br><b>Presenter:</b> Nickolas Byrge, MD; AAST MITC<br><b>Discussant:</b> Timothy Fabian, MD<br><b>PAPER 8 10:10 AM</b> POTENTIAL IMPACT OF ACA-RELATED INSURANCE EXPANSION ON TRAUMA CARE REIMBURSEMENT: COULD IT BE MORE THAN A BILLION DOLLARS?<br><b>Presenter:</b> John Scott, MD, MPH; The Center for Surgery & Public Health, Brigham & Women’s Hospital<br><b>Discussant:</b> L.D. Britt, MD, MPH<br><b>PAPER 9 10:30 AM</b> PLATELET TRANSFUSIONS IN STANDARD DOSES DO NOT PREVENT LOSS OF PLATELET FUNCTION DURING HAEMORRHAGE<br><b>Presenter:</b> Paul Vulliamy, MD; Queen Mary University of London<br><b>Discussant:</b> John Holcomb, MD |

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| 10:50 a.m. – 11:00 a.m. | <i>Break</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 11:00 a.m. – 12:00 p.m. | <b>SESSION II: Presidential Address – A Legacy of Caring</b><br>Grace Rozycki, MD, MBA, AAST President                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 12:00 p.m. – 1:15 p.m.  | <b>LUNCH SESSIONS (1-6)</b><br><b>L1</b> THE ROLE OF THE RESCUE SURGEON – WHAT TO DO WHEN YOU ARE CALLED FOR INTRAOPERATIVE BLEEDING<br><b>L2</b> REBOA DEBATE: ESSENTIAL OR DANGEROUS?<br><b>L3</b> WHY DO MY MANUSCRIPTS GET REJECTED?<br><b>L4</b> TRANSLATING POINT OF INJURY LESSONS LEARNED FOR THEATER TO THE CIVILIAN EXPERIENCE<br><b>L5</b> BEYOND DAMAGE CONTROL - THROMBEOLASTOGRAPHY IN THE ICU<br><b>L6</b> CURRENT SURGICAL MANAGEMENT OF COMPLICATED PANCREATITIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1:15 p.m. – 4:35 p.m.   | <b>SESSION III-A:</b><br><b>Moderator:</b> Edward Cornwell, III, MD <b>Recorder:</b> Patrick Reilly, MD<br><b>PAPER 10 1:15 PM</b> RESULTS OF A MULTICENTER PROSPECTIVE PIVOTAL TRIAL OF THE FIRST IN LINE CONTINUOUS GLUCOSE MONITOR IN CRITICALLY ILL PATIENTS<br><b>Presenter:</b> Grant Bochicchio, MD, MPH; Washington University School of Medicine<br><b>Discussant:</b> Dennis Kim, MD<br><b>PAPER 11 1:35 PM</b> FIBRINOLYTIC ACTIVATION IN PATIENTS WITH PROGRESSIVE INTRACRANIAL HEMORRHAGE EARLY AFTER TBI<br><b>Presenter:</b> Susan Rowell, MD; Oregon Health & Science University<br><b>Discussant:</b> Mitchell Cohen, MD<br><b>PAPER 12 1:55 PM</b> REDEFINING THE CARDIAC BOX: EVALUATION OF THE RELATIONSHIP BETWEEN THORACIC GUNSHOT WOUNDS AND CARDIAC INJURY<br><b>Presenter:</b> Bryan Morse, MD, MS; Emory University<br><b>Discussant:</b> Nicholas Namias, MD, MBA<br><b>PAPER 13 2:15 PM</b> NON-HUMAN PRIMATE (NHP) MODEL OF POLY-TRAUMATIC HEMORRHAGIC SHOCK RECAPITULATES EARLY PLATELET DYSFUNCTION OBSERVED FOLLOWING SEVERE INJURY IN HUMANS<br><b>Presenter:</b> Leasha Schaub, MS; Naval Medical Research Unit, San Antonio<br><b>Discussant:</b> Weidun Guo, MD, PhD<br><b>PAPER 14 2:35 PM</b> AUTOMATED VARIABLE AORTIC CONTROL VS. COMPLETE AORTIC OCCLUSION IN A SWINE MODEL OF HEMORRHAGE<br><b>Presenter:</b> Timothy Williams, MD; David Grant Medical Center<br><b>Discussant:</b> Thomas Scalea, MD<br><b>PAPER 15 2:55 PM</b> LONG-TERM OUTCOMES OF THORACIC ENDOVASCULAR AORTIC REPAIR (TEVAR): A SINGLE INSTITUTION'S 11-YEAR EXPERIENCE<br><b>Presenter:</b> Megan Brenner, MD, MS; University of Maryland Medical Center<br><b>Discussant:</b> Demetrios Demetriades, MD, PhD<br><b>PAPER 16 3:15 PM</b> POTENTIAL CONTRIBUTION OF MITOCHONDRIAL (MT) DNA DAMAGE ASSOCIATED MOLECULAR PATTERNS (DAMPS) IN TRANSFUSION PRODUCTS TO DEVELOPMENT OF THE ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) AFTER MULTIPLE TRANSFUSIONS<br><b>Presenter:</b> Jon Simmons, MD; University of South Alabama<br><b>Discussant:</b> Carl Hauser, MD<br><b>PAPER 17 3:35 PM</b> LONGITUDINAL ANALYSIS OF CIRCULATING MITOCHONDRIAL DNA AS A BIOMARKER IN PATIENTS WITH SYSTEMIC INFLAMMATORY RESPONSE SYNDROME<br><b>Presenter:</b> Mehreen Kisat, MD; University of Arizona, Tucson<br><b>Discussant:</b> Lawrence Diebel, MD |

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|                       | <p><b>PAPER 18 3:55 PM</b> HEMORRHAGIC SHOCK DEPLETES AVP STORES AND HORMONAL SUPPLEMENTATION PRESERVES MITOCHONDRIAL FUNCTION<br/> <b>Presenter:</b> Carrie Sims, MD; University of Pennsylvania<br/> <b>Discussant:</b> Jason Smith, MD</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                       | <p><b>PAPER 19 4:15 PM</b> SYSTEMIC ANTICOAGULATION IN THE SETTING OF VASCULAR EXTREMITY TRAUMA<br/> <b>Presenter:</b> Joseph Galante, MD; University of California, Davis<br/> <b>Discussant:</b> David Feliciano, MD</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1:15 p.m. – 4:35 p.m. | <p><b>SESSION III-B:</b><br/> <b>Moderator:</b> Michael Rotondo, MD      <b>Recorder:</b> Karen Brasel, MD, MPH</p> <p><b>PAPER 20 1:15 PM</b> RESULTS OF A REGIONAL COLLABORATIVE QUALITY INITIATIVE FOR TRAUMA<br/> <b>Presenter:</b> Mark Hemmila, MD; University of Michigan<br/> <b>Discussant:</b> Oscar Guillamondegui, MD, MPH</p> <p><b>PAPER 21 1:35 PM</b> NEURO-, TRAUMA-, OR MED/SURG-ICU: DOES IT MATTER WHERE POLYTRAUMA PATIENTS WITH TBI ARE ADMITTED? SECONDARY ANALYSIS OF THE AAST-MITC DECOMPRESSIVE CRANIECTOMY STUDY<br/> <b>Presenter:</b> Sarah Lombardo, MD; AAST-MITC<br/> <b>Discussant:</b> Jennifer Gurney, MD</p> <p><b>PAPER 22 1:55 PM</b> THE TRAUMA ECOSYSTEM: THE ECONOMICS AND IMPACT OF NEW TRAUMA CENTERS ON EXISTING CENTERS<br/> <b>Presenter:</b> David Ciesla, MD; University of South Florida<br/> <b>Discussant:</b> Robert Winchell, MD</p> <p><b>PAPER 23 2:15 PM</b> THE AIR MEDICAL PREHOSPITAL TRIAGE SCORE: EXTERNAL VALIDATION SUPPORTS ABILITY TO IDENTIFY INJURED PATIENTS THAT WOULD BENEFIT FROM HELICOPTER TRANSPORT<br/> <b>Presenter:</b> Joshua Brown, MD, MSC; University of Pittsburgh<br/> <b>Discussant:</b> Jay Doucet, MD, MSC</p> <p><b>PAPER 24 2:35 PM</b> ACS NEEDS-BASED ASSESSMENT OF TRAUMA SYSTEMS (NBATS) TOOL: CALIFORNIA EXAMPLE<br/> <b>Presenter:</b> Tarsicio Uribe-Leitz, MD, MPH; Stanford University<br/> <b>Discussant:</b> Michael Rotondo, MD</p> <p><b>PAPER 25 2:55 PM</b> COMPLIANCE WITH TRIAGE DIRECTIONS FROM AN ORGANIZED STATE TRAUMA COMMUNICATION CENTER IMPROVES TRAUMA PATIENT OUTCOMES<br/> <b>Presenter:</b> Benjamin Martinez, MD; LSU Department of Surgery<br/> <b>Discussant:</b> Robert Mackersie, MD</p> <p><b>PAPER 26 3:15 PM</b> ACS LEVEL I TRAUMA CENTERS OUTCOMES DO NOT CORRELATE WITH PATIENT PERCEPTIONS OF HOSPITAL EXPERIENCE<br/> <b>Presenter:</b> Bellal Joseph, MD; University of Arizona, Tucson<br/> <b>Discussant:</b> Frederick Rogers, MD</p> <p><b>PAPER 27 3:35 PM</b> ATTEMPTING TO VALIDATE THE OVER/UNDER TRIAGE MATRIX AT A LEVEL I TRAUMA CENTER<br/> <b>Presenter:</b> James Davis, MD; UCSF, Fresno<br/> <b>Discussant:</b> Eileen Bulger, MD</p> <p><b>PAPER 28 3:55 PM</b> SUICIDE SECONDARY TO FIREARMS: WEAKER GUN STATE LAWS ARE ASSOCIATED WITH INCREASED RATES OF DEATH<br/> <b>Presenter:</b> Rodrigo Alban, MD; Cedars-Sinai Medical Center<br/> <b>Discussant:</b> Ronald Gross, MD</p> <p><b>PAPER 29 4:15 PM</b> UTILITY OF THE INJURED TRAUMA SURVIVOR SCREEN TO PREDICT PTSD AND DEPRESSION IN HOSPITALIZED TRAUMA PATIENTS<br/> <b>Presenter:</b> Terri Deroon-Cassini, PhD; Medical College of Wisconsin<br/> <b>Discussant:</b> Ronald Stewart, MD</p> |

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| 4:45 p.m. – 5:15 p.m. | <b>SESSION IV: Master Surgeon Lecture: NIH P-50 Sponsored Team Science in Multiple Organ Failure</b><br>Frederick Moore, MD |
| 5:15 p.m. – 7:00 p.m. | <b>SESSION V: POSTER SESSION</b>                                                                                            |
|                       | <b>SESSION I</b> <i>Abdominal Trauma and Burns:</i> David Harrington, MD, and Mark Shapiro, MD                              |
|                       | <b>SESSION II</b> <i>Acute Care Surgery:</i> Matthew Martin, MD and Charles Adams, Jr., MD                                  |
|                       | <b>SESSION III</b> <i>Acute Care Surgery and Critical Care:</i> Eric Ley, MD, and Sarah Majercik, MD, MBA                   |
|                       | <b>SESSION IV</b> <i>Critical Care:</i> Ajai Malhotra, MD, MSc, MBBS, and Laura Moore, MD                                   |
|                       | <b>SESSION V</b> <i>Extremity And Vascular:</i> Jonathan Tilsed, MD, and Donald Jenkins, MD                                 |
|                       | <b>SESSION VI</b> <i>Neurotrauma:</i> Deborah Stein, MD, MPH, and Jason Sperry, MD, MPH                                     |
|                       | <b>SESSION VII</b> <i>Outcomes &amp; Guidelines I:</i> Robert Barraco, MD, MPH, and Hans-Christoph Pape, MD                 |
|                       | <b>SESSION VIII</b> <i>Outcomes &amp; Guidelines II:</i> Avery Nathens, MD, MPH, PhD, and Shahid Shafi, MD                  |
|                       | <b>SESSION IX</b> <i>Outcomes &amp; Guidelines III and Shock:</i> Andrew Kerwin, MD, and Andre Campbell, MD                 |
|                       | <b>SESSION X</b> <i>Pediatric Trauma:</i> Barbara Gaines, MD, and James Betts, MD                                           |
|                       | <b>SESSION XI</b> <i>Shock:</i> Amy Goldberg, MD, and Timothy Browder, MD, MPH                                              |
|                       | <b>SESSION XII</b> <i>Socioeconomics, Ethics &amp; Thoracic:</i> Roxie Albrecht, MD, and Richard Miller, MD                 |
|                       | <b>SESSION XIII</b> <i>Trauma Education and Prevention:</i> Rochelle Dicker, MD, and Joan Pirrung, RN, MSN                  |
|                       | <b>SESSION XIV</b> <i>Trauma Systems:</i> Eric Voiglio, MD, PhD, and Garth Utter, MD                                        |

## THURSDAY, SEPTEMBER 15

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| 6:15 a.m. – 7:25 a.m.  | <b>Committee Meetings</b><br>Acute Care Surgery Committee, Critical Care Committee, Disaster Ad Hoc Committee, International Relations Committee, Multi-Institutional Trials Committee, Prevention Committee, and Reimbursement/Coding Committee                                               |
| 7:00 a.m. – 12:30 p.m. | Registration                                                                                                                                                                                                                                                                                   |
| 7:00 a.m. – 1:00 p.m.  | Exhibits                                                                                                                                                                                                                                                                                       |
| 7:00 a.m. – 8:30 a.m.  | Breakfast                                                                                                                                                                                                                                                                                      |
| 7:30 a.m. – 9:00 a.m.  | <b>SESSION VI:</b>                                                                                                                                                                                                                                                                             |
|                        | <b>Moderator:</b> Grace Rozycki, MD, MBA <b>Recorder:</b> David Spain, MD                                                                                                                                                                                                                      |
|                        | <b>PAPER 30 7:30 AM</b> <i>EXOSOMES, NOT PROTEIN OR LIPIDS, IN MESENTERIC LYMPH ACTIVATE INFLAMMATION: UNLOCKING THE MYSTERY OF POST-SHOCK MULTIPLE ORGAN FAILURE</i><br><b>Presenter:</b> Mitsuaki Kojima, MD; University of California, San Diego<br><b>Discussant:</b> David Livingston, MD |
|                        | <b>PAPER 31 7:50 AM</b> <i>A STUDY OF METABOLIC DYNAMICS IN CRITICALLY INJURED PATIENTS</i><br><b>Presenter:</b> Kai Wang, MD, DO; Sichuan Academy of Medical Sciences<br><b>Discussant:</b> David Harrington, MD                                                                              |
|                        | <b>PAPER 32 8:10 AM</b> <i>PREPERITONEAL PELVIC PACKING REDUCES MORTALITY IN PATIENTS WITH LIFE-THREATENING HEMORRHAGE DUE TO UNSTABLE PELVIC FRACTURES</i><br><b>Presenter:</b> Clay Cothren Burlew, MD; Denver Health Medical Center<br><b>Discussant:</b> David Spain, MD                   |
|                        | <b>PAPER 33 8:30 AM</b> <i>PELVIC FRACTURE PATTERN PREDICTS THE NEED FOR HEMORRHAGE CONTROL INTERVENTION—RESULTS OF A MULTI-INSTITUTIONAL STUDY</i><br><b>Presenter:</b> Todd Costantini, MD; AAST Multi-Institutional Trials Committee<br><b>Discussant:</b> Joseph Galante, MD               |
|                        | <b>PAPER 34 8:50AM</b> <i>FAILURE OF NONOPERATIVE MANAGEMENT OF PEDIATRIC BLUNT LIVER AND SPLEEN INJURIES: A MULTICENTER PROSPECTIVE STUDY</i><br><b>Presenter:</b> Maria Linnaus, MD; Phoenix Children's Hospital<br><b>Discussant:</b> Barbara Gaines, MD                                    |

# SCHEDULE AT A GLANCE

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|                         | <p><b>PAPER 35 9:10 AM</b> OVERALL SPLENECTOMY RATES REMAIN THE SAME DESPITE INCREASING USAGE OF ANGIOGRAPHY IN THE MANAGEMENT OF HIGH-GRADE BLUNT SPLENIC INJURY<br/> <b>Presenter:</b> Scott Dolejs, MD; Indiana University School of Medicine<br/> <b>Discussant:</b> Andrew Peitzman, MD</p>            |
|                         | <p><b>PAPER 36 9:30AM</b> THERE IS NOTHING LITTLE ABOUT THE IMPACT OF BABY ASPIRIN: THE RESULTS OF A PROSPECTIVE AAST MULTI-INSTITUTIONAL TRIAL OF ORAL ANTICOAGULANTS<br/> <b>Presenter:</b> Leslie Kobayashi, MD; AAST Multi-Institutional Trials Committee<br/> <b>Discussant:</b> Charles Wade, PhD</p> |
|                         | <p><b>PAPER 37 9:50AM</b> COLD STORAGE OF PLATELET CONCENTRATES SUPPLEMENTED WITH RESVERATROL/CYTOCHROME C PRESERVES PLATELET FUNCTION<br/> <b>Presenter:</b> Susan Evans, MD; Carolinas Medical Center<br/> <b>Discussant:</b> Martin Schreiber, MD</p>                                                    |
|                         | <p><b>PAPER 38 10:10 AM</b> DAILY PROPRANOLOL ADMINISTRATION PREVENTS PERSISTENT INJURY-ASSOCIATED ANEMIA FOLLOWING SEVERE TRAUMA AND CHRONIC STRESS<br/> <b>Presenter:</b> Ines Alamo, MD, MPH; University of Florida, Gainesville<br/> <b>Discussant:</b> Saman Arbabi, MD, MPH</p>                       |
|                         | <p><b>PAPER 39 10:30 AM</b> IS YOUR GRADUATING GENERAL SURGERY RESIDENT QUALIFIED TO TAKE A TRAUMA CALL? A 15-YEAR APPRAISAL OF THE CHANGES IN GENERAL SURGERY EDUCATION FOR TRAUMA<br/> <b>Presenter:</b> Aaron Strumwasser, MD; LAC+USC Medical Center<br/> <b>Discussant:</b> Mark Malangoni, MD</p>     |
| 10:45 a.m. – 11:00 a.m. | Break                                                                                                                                                                                                                                                                                                       |
| 11:00 a.m. – 11:30 a.m. | <b>SESSION VII: SCHOLARSHIP PRESENTATIONS</b>                                                                                                                                                                                                                                                               |
| 11:30 a.m. – 12:30 p.m. | <b>SESSION VIII: 42<sup>ND</sup> FITTS LECTURE: <i>When Peace Breaks Out</i></b><br>M. Margaret Knudson, MD                                                                                                                                                                                                 |
| 1:00 p.m. – 4:00 p.m.   | <b>OPTIONAL SESSION:</b><br><i>Australian and New Zealand (ANZAST/ATS) Podium Paper Session</i>                                                                                                                                                                                                             |

## FRIDAY, SEPTEMBER 16

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| 6:15 a.m. – 7:25 a.m.  | <p><b>Committee Meetings</b><br/> ACS Program Directors Meeting, Education/CME Committee Meeting, Geriatric Trauma Committee Meeting, Pediatric Committee Meeting, Publications and Communications Committee Meeting</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6:15 a.m. – 7:25 a.m.  | <p><b>INTERNATIONAL ATTENDEE BREAKFAST, PRESENTATION</b><br/> Hans-Christoph Pape, MD, ESTES Immediate Past President</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 7:00 a.m. – 3:00 p.m.  | Registration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7:00 a.m. – 1:30 p.m.  | Exhibits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 7:00 a.m. – 8:30 a.m.  | Breakfast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 7:30 a.m. – 10:30 a.m. | <p><b>SESSION IX: Acute Care Surgery</b><br/> <b>Moderator:</b> Kimberly Davis, MD, MBA    <b>Recorder:</b> Joseph Minei, MD, MBA</p> <p><b>PAPER 40 7:30 AM</b> EXPANDING THE SCOPE OF QUALITY MEASUREMENT IN SURGERY TO INCLUDE NON-OPERATIVE CARE: RESULTS FROM THE ACS NSQIP EMERGENCY GENERAL SURGERY PILOT<br/> <b>Presenter:</b> Michael Wandling, MD; American College of Surgeons<br/> <b>Discussant:</b> John Fildes, MD</p> <p><b>PAPER 41 7:50 AM</b> SARCOPENIA INCREASES LONG-TERM MORTALITY IN ELDERLY PATIENTS UNDERGOING EMERGENCY GENERAL SURGERY<br/> <b>Presenter:</b> Arturo Rios-Diaz, MD; Brigham and Women's Hospital<br/> <b>Discussant:</b> Kevin Schuster, MD, MPH</p> |

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|                         | <p><b>PAPER 42 8:10 AM</b> <i>HIGH SENSITIVITY AND SPECIFICITY FOR ULTRASOUND IN THE DIAGNOSIS OF APPENDICITIS</i><br/> <b>Presenter:</b> Swathi Reddy, MD; Yale School of Medicine<br/> <b>Discussant:</b> Marie Crandall, MD, MPH</p>                                                                                                                                                                                                                                                                                                                                                                           |
|                         | <p><b>PAPER 43 8:30 AM</b> <i>PNEUMATOSIS INTESTINALIS PREDICTIVE EVALUATION STUDY (PIPES): A MULTICENTER EPIDEMIOLOGIC STUDY OF THE AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA</i><br/> <b>Presenter:</b> Rachael Callcut, MD; AAST Multi-Institutional Trials Committee<br/> <b>Discussant:</b> Fred Luchette, MD, MSc</p>                                                                                                                                                                                                                                                                                  |
|                         | <p><b>PAPER 44 8:50 AM</b> <i>INCREASED ANATOMIC INJURY PREDICTS OUTCOMES: VALIDATION OF AAST EMERGENCY GENERAL SURGERY GRADE IN APPENDICITIS</i><br/> <b>Presenter:</b> Matthew Hernandez, MD; Mayo Clinic, Rochester<br/> <b>Discussant:</b> Nicole Stassen, MD</p>                                                                                                                                                                                                                                                                                                                                             |
|                         | <p><b>PAPER 45 9:10 AM</b> <i>HOSPITALS WITH HIGHER VOLUMES OF EMERGENCY GENERAL SURGERY PATIENTS ACHIEVE LOWER MORTALITY RATES: A CASE FOR ESTABLISHING DESIGNATED CENTERS FOR EMERGENCY GENERAL SURGERY</i><br/> <b>Presenter:</b> Gerald Ogola, PhD; Baylor Scott &amp; White Health System<br/> <b>Discussant:</b> David Hoyt, MD</p>                                                                                                                                                                                                                                                                         |
|                         | <p><b>PAPER 46 9:30 AM</b> <i>CIRCULATING SYNDECAN-1 DETECT THE DEVELOPMENT OF DISSEMINATED INTRAVASCULAR COAGULATION IN PATIENTS WITH SEPSIS</i><br/> <b>Presenter:</b> Mitsunori Ikeda, MD; Osaka University Graduate School of Medicine<br/> <b>Discussant:</b> Sonlee West, MD</p>                                                                                                                                                                                                                                                                                                                            |
|                         | <p><b>PAPER 47 9:50 AM</b> <i>INTERNATIONAL ROTATIONS: A VALUABLE RESOURCE TO SUPPLEMENT OPERATIVE EXPERIENCE FOR ACUTE CARE SURGERY, TRAUMA, AND SURGICAL CRITICAL CARE FELLOWS</i><br/> <b>Presenter:</b> Paula Ferrada, MD; Multi Organization Study: Critical Care Program Directors &amp; Acute Care Surgery Program Directors<br/> <b>Discussant:</b> Martin Croce, MD</p>                                                                                                                                                                                                                                  |
|                         | <p><b>PAPER 48 10:10 AM</b> <i>IMPAIRED ADIPONECTIN TRANSPORT CAPACITY IN LEUKOCYTES FROM CRITICALLY ILL PATIENTS</i><br/> <b>Presenter:</b> Yutaka Umemura, MD; Osaka University Graduate School of Medicine<br/> <b>Discussant:</b> Jon Simmons, MD</p>                                                                                                                                                                                                                                                                                                                                                         |
| 10:30 a.m. – 11:45 a.m. | <p><b>SESSION X: PANEL IOM Report on Military Civilian Collaboration</b><br/> <b>Moderator:</b> Colonel Todd Rasmussen, MD, and David Hoyt, MD<br/> <b>Panelists:</b> Thomas Scalea, MD; John Holcomb, MD; M. Margaret Knudson, MD; Donald Jenkins, MD, and Matthew Martin, MD</p>                                                                                                                                                                                                                                                                                                                                |
| 11:45 a.m. – 1:00 p.m.  | <p><b>LUNCH SESSIONS (7-12)</b></p> <p><b>L7</b> <i>THE CONUNDRUM OF FEDERAL TRAUMA RESEARCH FUNDING: CURRENT RISKS AND NEAR, MID-, AND LONG-TERM CONSIDERATION FOR TRAUMA AND INJURY FUNDING IN THE US</i></p> <p><b>L8</b> <i>OVERCOMING THE EHR: COMBINING TRAUMA CARE AND THE COMPUTER</i></p> <p><b>L9</b> <i>RIB FIXATION: WHO, WHEN, WHY</i></p> <p><b>L10</b> <i>COMPLEX ABDOMINAL VASCULAR TRAUMA</i></p> <p><b>L11</b> <i>RARE OR UNUSUAL HERNIAS</i></p> <p><b>L12</b> <i>STOP THE BLEEDING: ESTABLISHING A COMPREHENSIVE, COMMUNITY-WIDE HEMORRHAGE CONTROL PROGRAM ACROSS YOUR TRAUMA SYSTEM</i></p> |
| 1:00 p.m. – 4:40 p.m.   | <p><b>SESSION XIA:</b><br/> <b>Moderator:</b> Rosemary Kozar, MD, PhD    <b>Recorder:</b> Ali Salim, MD</p> <p><b>PAPER 49 1:00 PM</b> <i>FACING THE FACTS ON PROPHYLACTIC ANTIBIOTICS AND FACIAL FRACTURES: ONE DAY OR LESS</i><br/> <b>Presenter:</b> Brenda Zosa, MD; MetroHealth Medical Center<br/> <b>Discussant:</b> Heather Evans, MD</p>                                                                                                                                                                                                                                                                 |

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|                       | <p><b>PAPER 50 1:20 PM</b> <i>A PREDICTOR OF MORTALITY RIGHT UNDER THE NOSE: MEASURING SARCOPENIA IN ELDERLY TRAUMA PATIENTS USING HEAD CT</i><br/> <b>Presenter:</b> James Wallace, MD; Scripps Mercy Hospital Trauma Service<br/> <b>Discussant:</b> Zara Cooper, MD, MSc</p>                                                |
|                       | <p><b>PAPER 51 1:40 PM</b> <i>IMPACT OF A NOVEL PI3-KINASE INHIBITOR IN PREVENTING MITOCHONDRIAL DNA DAMAGE AND DAMAGE ASSOCIATED MOLECULAR PATTERN ACCUMULATION: RESULTS FROM THE BIOCHRONICITY PROJECT</i><br/> <b>Presenter:</b> George Black, MD; University of South Alabama<br/> <b>Discussant:</b> Zsolt Balogh, MD</p> |
|                       | <p><b>PAPER 52 2:00 PM</b> <i>PREHOSPITAL PLASMA RESUSCITATION ASSOCIATED WITH IMPROVED NEUROLOGIC OUTCOMES IN TRAUMATIC BRAIN INJURY</i><br/> <b>Presenter:</b> Thiels Cornelius, DO; Mayo Clinic, Rochester<br/> <b>Discussant:</b> Jeremy Cannon, MD</p>                                                                    |
|                       | <p><b>PAPER 53 2:20 PM</b> <i>SYNDECAN-1: A QUANTITATIVE MARKER FOR THE ENDOTHELIOPATHY OF TRAUMA</i><br/> <b>Presenter:</b> Erika Gonzalez Rodriguez, MD; University of Texas Health Science Center, Houston<br/> <b>Discussant:</b> Rosemary Kozar, MD, PhD</p>                                                              |
|                       | <p><b>PAPER 54 2:40 PM</b> <i>DAMAGE CONTROL LAPAROTOMY UTILIZATION RATES ARE HIGHLY VARIABLE AMONG LEVEL 1 TRAUMA CENTERS: PROPPR FINDINGS</i><br/> <b>Presenter:</b> Justin Watson, MD; Oregon Health &amp; Science University<br/> <b>Discussant:</b> Ben Zarzaur, Jr., MD, MPH</p>                                         |
|                       | <p><b>PAPER 55 3:00 PM</b> <i>CLINICAL CORRELATES TO ASSIST WITH CTE DIAGNOSIS: INSIGHTS FROM A NOVEL, RODENT REPEAT TBI MODEL</i><br/> <b>Presenter:</b> Gretchen Thomsen, PhD; Cedars-Sinai Medical Center<br/> <b>Discussant:</b> Michael Dubick, MD</p>                                                                    |
|                       | <p><b>PAPER 56 3:20 PM</b> <i>D-DIMER MAY SIGNIFICANTLY REDUCE UNNECESSARY CT SCANS IN PEDIATRIC HEAD TRAUMA: A POTENTIAL FOR PECARN+</i><br/> <b>Presenter:</b> Simone Langness, MD; University of California, San Diego<br/> <b>Discussant:</b> Brian Leininger, MD</p>                                                      |
|                       | <p><b>PAPER 57 3:40 PM</b> <i>ABNORMALITIES IN FIBRINOLYSIS ARE ASSOCIATED WITH VENOUS THROMBOEMBOLISM, MORTALITY, AND DISABILITY IN A PEDIATRIC TRAUMA POPULATION</i><br/> <b>Presenter:</b> Christine Leeper, MD; Children's Hospital of Pittsburgh, UPMC<br/> <b>Discussant:</b> R. Todd Maxson, MD</p>                     |
|                       | <p><b>PAPER 58 4:00 PM</b> <i>1:1 TRANSFUSION STRATEGIES ARE RIGHT FOR THE WRONG REASON</i><br/> <b>Presenter:</b> Stephanie Savage, MD, MS; Indiana University School of Medicine<br/> <b>Discussant:</b> Yasuhiro Otomo, MD</p>                                                                                              |
| 1:00 p.m. – 4:40 p.m. | <p><b>PAPER 59 4:20 AM</b> <i>POPULATION-BASED ESTIMATES OF VIOLENCE-RELATED DEATH RATES FOR LAW ENFORCEMENT PERSONNEL: THE RISK OF DEATH ARE HIGHER AND INCREASING OVER TIME</i><br/> <b>Presenter:</b> Alexander Eastman, MD, MPH; UT Southwestern/Parkland<br/> <b>Discussant:</b> William Cioffi, MD</p>                   |
|                       | <p><b>SESSION XIB:</b><br/> <b>Moderator:</b> Jonathan Tilsed, MD      <b>Recorder:</b> Sharon Henry, MD</p>                                                                                                                                                                                                                   |
|                       | <p><b>PAPER 60 1:00 PM</b> <i>IMPACT OF EARLY OPERATIVE PELVIC FIXATION ON LONG-TERM FUNCTIONAL OUTCOME FOLLOWING SEVERE PELVIC FRACTURE</i><br/> <b>Presenter:</b> John Sharpe, MD, MS; University of Tennessee Health Science Center, Memphis<br/> <b>Discussant:</b> Walter Biffl, MD</p>                                   |
|                       | <p><b>PAPER 61 1:20 PM</b> <i>CERVICAL SPINE MRI IN PATIENTS WITH NEGATIVE CT: A PROSPECTIVE, MULTICENTER STUDY OF THE RESEARCH CONSORTIUM OF NEW ENGLAND CENTERS FOR TRAUMA (ReCONNECT)</i><br/> <b>Presenter:</b> Adrian Maung, MD; Yale School of Medicine<br/> <b>Discussant:</b> Kenji Inaba, MD</p>                      |

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|                       | <p><b>PAPER 62 1:40 PM</b> SYSTEMIC INTRAOPERATIVE ANTICOAGULATION DURING MAJOR ARTERIAL INJURY REPAIR: IMPLICATIONS FOR PATENCY AND BLEEDING<br/> <b>Presenter:</b> Zoe Maher, MD; Temple University Hospital<br/> <b>Discussant:</b> Ian Civil, MBE</p>                                                                     |
|                       | <p><b>PAPER 63 2:00 PM</b> PREDICTING MORTALITY IN OLDER TRAUMA PATIENTS: A NOVEL METRIC BASED ON PRE-EXISTING CONDITIONS<br/> <b>Presenter:</b> Richard Calvo, PhD, MPH; Scripps Mercy Hospital Trauma Service<br/> <b>Discussant:</b> Kristan Staudenmayer, MD, MSc</p>                                                     |
|                       | <p><b>PAPER 64 2:20 PM</b> IDENTIFYING AUGMENTED RENAL CLEARANCE IN TRAUMA PATIENTS: VALIDATION OF THE AUGMENTED RENAL CLEARANCE IN TRAUMA INTENSIVE CARE (ARCTIC) SCORING SYSTEM<br/> <b>Presenter:</b> Jeffrey Barletta, PharmD; Honor Health - John C. Lincoln Medical Center<br/> <b>Discussant:</b> Lewis Kaplan, MD</p> |
|                       | <p><b>PAPER 65 2:40 PM</b> THE FRAIL SCALE: A USEFUL TOOL FOR BEDSIDE SCREENING OF GERIATRIC TRAUMA PATIENTS<br/> <b>Presenter:</b> Cathy Maxwell, PhD; Vanderbilt University Medical Center<br/> <b>Discussant:</b> Orlando Kirton, MD, MBA</p>                                                                              |
|                       | <p><b>PAPER 66 3:00 PM</b> APPLICATION OF EXOGENOUS PMN TO THE AIRWAY RESCUES BACTERIAL OVERGROWTH INITIATED BY TRAUMA DAMPS<br/> <b>Presenter:</b> Kiyoshi Itagaki, PhD; Beth Israel Deaconess Medical Center<br/> <b>Discussant:</b> Ronald Maier, MD</p>                                                                   |
|                       | <p><b>PAPER 67 3:20 PM</b> PARENTERAL AND ENTERAL NUTRITION HAVE DIVERGENT EFFECTS ON RIBONUCLEOTIDE SYNTHESIS, NITROGEN AND KREBS CYCLE METABOLISM AFTER TRAUMATIC INJURY<br/> <b>Presenter:</b> Grant O'Keefe, MD, MPH<br/> <b>Discussant:</b> Christopher Dente, MD</p>                                                    |
|                       | <p><b>PAPER 68 3:40 PM</b> EVALUATION OF GUIDELINES FOR INJURED CHILDREN AT HIGH RISK FOR VTE: A PROSPECTIVE OBSERVATIONAL STUDY<br/> <b>Presenter:</b> Rachel Landisch, MD; Children's Hospital of Wisconsin<br/> <b>Discussant:</b> Denis Bensard, MD</p>                                                                   |
|                       | <p><b>PAPER 69 4:00 PM</b> TROJAN HORSE OUT OF BARN: TRAUMA PATIENTS' CELL FREE SERA CONTAINS FUNCTIONAL MITOCHONDRIA INDICATING POOR OUTCOME<br/> <b>Presenter:</b> Eszter Tuboly, PhD; John Hunter Hospital, University of Newcastle<br/> <b>Discussant:</b> James Hoth, MD</p>                                             |
|                       | <p><b>PAPER 70 4:20 PM</b> IMPACT OF INCLUDING HIGHEST GCS MOTOR SCORE IN THE RISK-ADJUSTMENT OF TRAUMATIC BRAIN INJURY MORTALITY<br/> <b>Presenter:</b> David Gomez, MD, PhD; University of Toronto, Department of Surgery<br/> <b>Discussant:</b> Adil Haider, MD, MPH</p>                                                  |
| 4:50 p.m. – 5:00 p.m. | Military Medals                                                                                                                                                                                                                                                                                                               |
| 5:00 p.m. – 6:15 p.m. | Annual Business Meeting                                                                                                                                                                                                                                                                                                       |
| 6:30 p.m. – 9:00 p.m. | Annual Banquet/Luau (Dinner buffet begins at 7:00 p.m.)                                                                                                                                                                                                                                                                       |

## SATURDAY, SEPTEMBER 17

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| 7:00 a.m. – 8:00 a.m.  | New Member Breakfast                                                                                                                                                                                                                                                                                                  |
| 7:00 a.m. – 8:30 a.m.  | Breakfast                                                                                                                                                                                                                                                                                                             |
| 8:00 a.m. – 11:00 a.m. | <p><b>SESSION XII: QUICK SHOT SESSION I</b><br/> <b>Moderator:</b> David Livingston, MD</p> <p><b>QS1 8:00 AM</b> TRAUMA DECREASES MONOCYTE INFLAMMATORY ACTIVITY DESPITE PERIPHERAL EXPANSION<br/> <b>Presenter:</b> Anupamaa Seshadri, MD; Brigham Women's Hospital<br/> <b>Discussant:</b> Peter Rhee, MD, MPH</p> |

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|                       | <p><b>QS2 8:06 AM</b> <i>THE ALVARADO SCORE SHOULD BE USED TO REDUCE EMERGENCY DEPARTMENT LENGTH OF STAY AND RADIATION EXPOSURE IN SELECT PATIENTS WITH ABDOMINAL PAIN</i><br/> <b>Presenter:</b> Jamie Coleman, MD; Indiana University School of Medicine<br/> <b>Discussant:</b> Elizabeth Benjamin, MD</p>                  |
|                       | <p><b>QS3 8:12 AM</b> <i>“NO ZONE” APPROACH IN PENETRATING NECK TRAUMA REDUCES UNNECESSARY COMPUTED TOMOGRAPHY ANGIOGRAPHY AND NEGATIVE EXPLORATIONS</i><br/> <b>Presenter:</b> Kareem Ibraheem, MD; University of Arizona, Tucson<br/> <b>Discussant:</b> John Bini, MD</p>                                                   |
|                       | <p><b>QS4 8:18 AM</b> <i>THE CARDIOVASCULAR EFFECTS OF RAPID SEQUENCE INTUBATION: RECONSIDERING THE ABCS OF TRAUMA RESUSCITATION</i><br/> <b>Presenter:</b> Seda Bourikian, MD; Virginia Commonwealth University<br/> <b>Discussant:</b> Peter Fischer, MD, MSc</p>                                                            |
|                       | <p><b>QS5 8:24 AM</b> <i>PROSPECTIVE EVALUATION OF ADMISSION CORTISOL IN TRAUMA</i><br/> <b>Presenter:</b> Amy Kwok, MD, MPH; UCSF, Fresno<br/> <b>Discussant:</b> Luke Leenen, MD, PhD</p>                                                                                                                                    |
|                       | <p><b>QS6 8:30 AM</b> <i>NONOPERATIVELY MANAGED BLUNT SPLENIC TRAUMA IS ASSOCIATED WITH HIGHER INCIDENCE OF VENOUS THROMBOEMBOLISM</i><br/> <b>Presenter:</b> Charles Karcutskie, MD; University of Miami<br/> <b>Discussant:</b> Jordan Weinberg, MD</p>                                                                      |
|                       | <p><b>QS7 8:36 AM</b> <i>ANGIOEMBOLIZATION IN THE MANAGEMENT OF ISOLATED SPLENIC INJURIES: IS THERE REALLY A RELATIONSHIP BETWEEN EMBOLIZATION AND SPLENIC SALVAGE?</i><br/> <b>Presenter:</b> Graeme Rosenberg, MD; Stanford University<br/> <b>Discussant:</b> Indermeet Bhullar, MD</p>                                     |
|                       | <p><b>QS8 8:42 AM</b> <i>THE MANGLED EXTREMITY SCORE AND AMPUTATION: TIME FOR A REVISION</i><br/> <b>Presenter:</b> Melissa Loja, MD<br/> <b>Discussant:</b> Jon Perlstein, MD</p>                                                                                                                                             |
|                       | <p><b>QS9 8:48 AM</b> <i>BEYOND THE PROPPR RATIO: TRANSFUSING YOUNG BLOOD IMPROVES CLINICAL OUTCOMES IN SEVERELY INJURED TRAUMA PATIENTS</i><br/> <b>Presenter:</b> John Yonge, MD; Oregon Health &amp; Sciences University<br/> <b>Discussant:</b> Louis Magnotti, MD</p>                                                     |
|                       | <p><b>QS10 8:54 AM</b> <i>ACUTE VASCULAR INTERVENTIONAL RADIOLOGY TECHNIQUES IN ACUTE CARE MEDICINE AND SURGERY PERFORMED BY TRAINED ACUTE CARE PHYSICIANS</i><br/> <b>Presenter:</b> Junya Tsurukiri, MD, PhD; Tokyo Medical University<br/> <b>Discussant:</b> A. Peter Ekeh, MD</p>                                         |
|                       | <p><b>QS11 9:00 AM</b> <i>EARLY FLUID OVERRESUSCITATION PATTERNS IN SEVERE PEDIATRIC BURN INJURIES AND INFLUENCE ON OUTCOMES</i><br/> <b>Presenter:</b> Lindsay Talbot, MD; Nationwide Children’s Hospital<br/> <b>Discussant:</b> Tina Palmieri, MD</p>                                                                       |
|                       | <p><b>QS12 9:06 AM</b> <i>IMPROVED PREDICTION OF HIT IN THE SICU USING A SIMPLIFIED MODEL OF THE WARKENTIN 4-T SYSTEM: 3-T</i><br/> <b>Presenter:</b> Matthew Bloom, MD; Cedars-Sinai Medical Center<br/> <b>Discussant:</b> Steven Johnson, MD</p>                                                                            |
| 9:20 a.m. – 9:35 a.m. | Break                                                                                                                                                                                                                                                                                                                          |
|                       | <p><b>SESSION XIII: QUICK SHOT SESSION II</b><br/> <b>Moderator:</b> Michael Sise, MD</p>                                                                                                                                                                                                                                      |
|                       | <p><b>QS14 9:36 AM</b> <i>ADMISSION N-TERMINAL PRO-BRAIN NATRIURETIC PEPTIDE CONCENTRATIONS PREDICT DEVELOPMENT OF ATRIAL FIBRILLATION IN GENERAL SURGICAL INTENSIVE CARE UNIT PATIENTS</i><br/> <b>Presenter:</b> Nalin Chokengarmwong, MD; Massachusetts General Hospital<br/> <b>Discussant:</b> Kevin Schuser, MD, MPH</p> |

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|            | <p><b>QS15 9:42 AM</b> <i>EARLY TRANEXAMIC ACID ADMINISTRATION AMELIORATES THE ENDOTHELIOPATHY OF TRAUMA AND SHOCK</i><br/> <b>Presenter:</b> Lawrence Diebel, MD; Wayne State University<br/> <b>Discussant:</b> Grant O'Keefe, MD, MPH</p>                                                                                    |
|            | <p><b>QS16 9:48 AM</b> <i>ASPIRIN CHEMOPROPHYLAXIS DECREASES VENOUS THROMBOEMBOLISM IN 13,221 TRAUMA PATIENTS</i><br/> <b>Presenter:</b> Michelle Scerbo, MD; University of Texas Health Science Center at Houston<br/> <b>Discussant:</b> Raminder Nirula, MD, PhD</p>                                                         |
|            | <p><b>QS17 9:54 AM</b> <i>DEVELOPMENT OF A NOVEL COOLING TOURNIQUET TO MINIMIZE ISCHEMIC INJURY IN EXTREMITY TRAUMA</i><br/> <b>Presenter:</b> Shahram Aarabi, MD, MPH; University of Washington<br/> <b>Discussant:</b> Warren Dorlac, MD</p>                                                                                  |
|            | <p><b>QS18 10:00 AM</b> <i>DAMAGE CONTROL SURGERY IN WEIGHTLESSNESS: A COMPARATIVE STUDY OF TORSO HEMORRHAGE CONTROL COMPARING TERRESTRIAL AND WEIGHTLESS CONDITIONS</i><br/> <b>Presenter:</b> Andrew Kirkpatrick, MD; University of Calgary<br/> <b>Discussant:</b> Christine Gaarder, MD</p>                                 |
|            | <p><b>QS19 10:06 AM</b> <i>THE IMPACT OF ACUTE CARE SURGERY SERVICE ON TIMELINESS OF CARE FOR PATIENTS WHO REQUIRE EMERGENT EXPLORATORY LAPAROTOMY FOR ACUTE ABDOMEN</i><br/> <b>Presenter:</b> Kaori Ito, MD; Michigan State University<br/> <b>Discussant:</b> Jason Lees, MD</p>                                             |
|            | <p><b>QS20 10:12 AM</b> <i>NONOPERATIVE MANAGEMENT RATHER THAN ENDOVASCULAR REPAIR MAY BE SAFE FOR GRADE II TRAUMATIC AORTIC INJURIES: A TEN YEAR RETROSPECTIVE ANALYSIS</i><br/> <b>Presenter:</b> Steven Spencer, MD; Orlando Regional Medical Center<br/> <b>Discussant:</b> J. Wayne Meredith, MD</p>                       |
|            | <p><b>QS21 10:18 AM</b> <i>IMPROVED PREDICTION OF MOF BY NON-INVASIVE ASSESSMENT OF MICROCIRCULATORY CHANGES AFTER SEVERE SHOCK AND RESUSCITATION IN TRAUMA</i><br/> <b>Presenter:</b> Alberto Garcia, MD; Fundacion Valle del Lili<br/> <b>Discussant:</b> Gregory Victorino, MD</p>                                           |
|            | <p><b>QS22 10:24 AM</b> <i>FROM SKIN TO WITHIN—A COMPARISON OF THREE TISSUE PERFUSION MEASUREMENT TECHNIQUES AND IDENTIFICATION OF SURVIVAL THRESHOLDS</i><br/> <b>Presenter:</b> David Inouye, MD, PhD; The Queen's Medical Center<br/> <b>Discussant:</b> Gail Tominaga, MD</p>                                               |
|            | <p><b>QS23 10:30 AM</b> <i>COMPENSATORY RESERVE INDEX: PERFORMANCE OF A NOVEL MONITORING TECHNOLOGY TO IDENTIFY THE BLEEDING TRAUMA PATIENT</i><br/> <b>Presenter:</b> Michael Johnson, MD; University of Texas Health Science Center, San Antonio<br/> <b>Discussant:</b> Raymond Fang, MD</p>                                 |
|            | <p><b>QS24 10:36 AM</b> <i>UNDERTRIAGE OF SEVERELY INJURED ADULTS IN THE UNITED STATES: WHO IS NOT GETTING TO THE RIGHT PLACE AT THE RIGHT TIME?</i><br/> <b>Presenter:</b> Jennifer Leonard, MD, PhD; Mayo Clinic, Rochester<br/> <b>Discussant:</b> Jeffrey Salomone, MD</p>                                                  |
|            | <p><b>QS25 10:42 AM</b> <i>THE LUNG RESCUE UNIT (LRU)—DOES A DEDICATED INTENSIVE CARE UNIT FOR VENO-VENOUS EXTRA-CORPOREAL MEMBRANE OXYGENATION (VV ECMO) IMPROVE SURVIVAL TO DISCHARGE?</i><br/> <b>Presenter:</b> Jay Menaker, MD; University of Maryland Medical Center<br/> <b>Discussant:</b> Lena Napolitano, MD, MPH</p> |
|            | <p><b>QS26 10:48 AM</b> <i>PROGNOSTIC VALUE OF PRE-OPERATIVE IMAGING AND OPERATIVE FINDINGS IN YOUNG MEN WITH ACUTE APPENDICITIS</i><br/> <b>Presenter:</b> Madhu Subramanian, MD, BS; University of Texas, Southwestern<br/> <b>Discussant:</b> Carlos Brown, MD</p>                                                           |
| 11:00 a.m. | Adjourn                                                                                                                                                                                                                                                                                                                         |
|            |                                                                                                                                                                                                                                                                                                                                 |



# 75<sup>TH</sup> ANNUAL MEETING

OF THE AMERICAN ASSOCIATION FOR THE SURGERY OF  
TRAUMA AND CLINICAL CONGRESS OF ACUTE CARE SURGERY

SEPTEMBER 14 - 17, 2016 • WAIKOLOA, HI • HILTON WAIKOLOA VILLAGE

Early registration deadline:  
**MONDAY, AUGUST 15**

Each registrant must submit a separate form.

**THREE EASY WAYS TO REGISTER!** Please choose one method. **Online:** [www.aast.org](http://www.aast.org) **Fax:** 312-202-5003  
**Mail:** AAST Registration Services, c/o American College of Surgeons 633 N. Saint Clair St., Chicago, IL 60611

## Attendee Information

|                                                                                                                                                        |        |                                  |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------|--------------------------|
| FIRST                                                                                                                                                  | MIDDLE | LAST                             |                          |
| PROFESSIONAL DEGREE(S)/DESIGNATION(S)/CREDENTIALS                                                                                                      |        | POSITION/TITLE                   |                          |
| INSTITUTION                                                                                                                                            |        | PREFERRED MAILING ADDRESS        |                          |
| CITY                                                                                                                                                   | STATE  | ZIP/POSTAL CODE                  | COUNTRY                  |
| PHONE                                                                                                                                                  | FAX    |                                  |                          |
| E-MAIL (confirmation will be sent to the e-mail address provided above and will be used for CME purposes)                                              |        | ACS MEMBERSHIP ID, IF APPLICABLE |                          |
| EMERGENCY CONTACT NAME                                                                                                                                 |        | PHONE/CELL                       | RELATIONSHIP TO ATTENDEE |
| MILITARY AFFILIATION: <input type="checkbox"/> Active <input type="checkbox"/> Reserve <input type="checkbox"/> Guard <input type="checkbox"/> Retired |        |                                  |                          |

Guest\* Information (if attending)—includes the Poster Reception, Continental Breakfast Wednesday - Saturday and Banquet/Luau.

|       |        |        |
|-------|--------|--------|
| FIRST | MIDDLE | LAST   |
| CITY  | STATE  | E-MAIL |

\*The guest registration category does not apply to scientific attendees and is intended for a spouse or significant other.  
Please register under the appropriate category below.

## Registration Fees

The official AAST program will begin at 7:30 am on Wednesday, September 14.

| Full Meeting Registration • Includes continental breakfast (Wednesday–Saturday), poster reception, and one banquet ticket.                               |                                            |                                     |                              |                                           |                                |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------|------------------------------|-------------------------------------------|--------------------------------|-------|
| Category                                                                                                                                                 | Early Fee <small>On or before 8/15</small> | Late Fee <small>8/16 - 9/13</small> | On-site Fees                 | Total                                     |                                |       |
| AAST Member                                                                                                                                              | \$555                                      | \$615                               | \$665                        |                                           |                                |       |
| Nonmember                                                                                                                                                | \$625                                      | \$675                               | \$715                        |                                           |                                |       |
| Nurse/Paramedic                                                                                                                                          | \$490                                      | \$540                               | \$590                        |                                           |                                |       |
| Other (medical personnel [non-MD] not listed)                                                                                                            | \$490                                      | \$540                               | \$590                        |                                           |                                |       |
| In-Training Fellow*                                                                                                                                      | \$335                                      | \$335                               | \$335                        |                                           |                                |       |
| Resident*                                                                                                                                                | \$335                                      | \$335                               | \$335                        |                                           |                                |       |
| Student*                                                                                                                                                 | \$170                                      | \$170                               | \$170                        |                                           |                                |       |
| Guest†                                                                                                                                                   | \$200                                      | \$200                               | \$200                        |                                           |                                |       |
| Junior (Ages 13-17)†-Banquet Only                                                                                                                        | \$170                                      | \$170                               | \$170                        |                                           |                                |       |
| <div><div></div><div>FIRST NAME</div></div> <div><div></div><div>LAST NAME</div></div>                                                                   |                                            |                                     |                              |                                           |                                |       |
| Child (Ages 5-12)†-Banquet Only                                                                                                                          | \$80                                       | \$80                                | \$80                         |                                           |                                |       |
| <div><div></div><div>FIRST NAME</div></div> <div><div></div><div>LAST NAME</div></div>                                                                   |                                            |                                     |                              |                                           |                                |       |
| Daily Meeting Registration • Includes continental breakfast on registered day. Lunch sessions are additional. Check the day(s) you wish to register for. |                                            |                                     |                              |                                           |                                |       |
| Category                                                                                                                                                 | <input type="radio"/> Wednesday            | <input type="radio"/> Thursday      | <input type="radio"/> Friday | <input type="radio"/> Friday<br>w/Banquet | <input type="radio"/> Saturday | Total |
| Nurse/Paramedic                                                                                                                                          | \$170                                      | \$170                               | \$150                        | \$350                                     | \$20                           |       |
| Other (medical personnel [non-MD] not listed)                                                                                                            | \$170                                      | \$170                               | \$150                        | \$350                                     | \$20                           |       |
| In-Training Fellow*                                                                                                                                      | \$110                                      | \$110                               | \$90                         | \$290                                     | \$20                           |       |
| Resident*                                                                                                                                                | \$110                                      | \$110                               | \$90                         | \$290                                     | \$10                           |       |
| Student*                                                                                                                                                 | \$60                                       | \$60                                | \$40                         | \$240                                     | Free                           |       |
| Registration Fee Subtotal:                                                                                                                               |                                            |                                     |                              |                                           |                                |       |

### Pre-Meeting Emergency Contact Information:

Please let us know the best method to reach you prior to the meeting in case of an emergency, i.e. natural disaster, meeting cancellation, etc.

☐ Mobile E-mail (please indicate if different from above):

☐ Mobile Phone (please indicate if different from above):

☐ Home Phone:

\* Requires verification letter from department chairman or program director. Online registration is available.

† Friday banquet is included with Guest, Junior, and Child registrations.

## Americans with Disabilities ACT

Please indicate if an ADA accommodation is required. If required, an AAST staff person will contact you.

☐ Audio ☐ Visual ☐ Mobile ☐ Other \_\_\_\_\_

☐ Check here if you or your guest has a dietary restriction. Please specify: \_\_\_\_\_

| Lunch Sessions (Please rank the following in the order of preference)                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>Wednesday, September 14 • 12:00 - 1:15 pm</b><br>____The Role of the Rescue Surgeon - What to Do When You Are Called for Intraoperative Bleeding<br>____REBOA Debate: Essential or Dangerous?<br>____Why Do My Manuscripts Get Rejected?<br>____Translating Point of Injury Lessons Learned for Theater to the Civilian Experience<br>____Beyond Damage Control - Thromboelastography in the ICU<br>____Current Surgical Management of Complicated Pancreatitis | <b>Friday, September 16 • 11:30 am - 12:45 pm</b><br>____The Conundrum of Federal Trauma Research Funding: Current Risks & Near, Mid-and Long-term Consideration for Trauma and Injury Funding in the US<br>____Overcoming the EHR: Combining Trauma Care and the Computer<br>____Rib Fixation: Who, When, Why<br>____Complex Abdominal Vascular Trauma<br>____Rare or Unusual Hernias<br>____Stop the Bleed: Establishing a Comprehensive, Community-Wide Hemorrhage Control Program Across Your Trauma System | <b>\$60 /each</b>                                   |
| <input type="checkbox"/> If you are a Lunch Session moderator/presenter, please check here to receive your complimentary lunch ticket.                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                     |
| AAST will be providing CME credits and a self-assessment component as required for the fulfillment of Part 2 of the American Board of Surgery Maintenance of Certification (MOC) Program to Physicians.                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Lunch Session Subtotal:</b> <input type="text"/> |

|                                                                                                                                                                                                                                                                                                                           |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Friday Evening Banquet/Luau: September 16 7:30-10:00 pm</b>                                                                                                                                                                                                                                                            |             |
| Included with full registration and Friday Daily with Banquet. Attire is luau, resort, or business casual. Please indicate if you plan to attend, as the event will be ticketed. Badges must be worn at the event and banquet/luau tickets are non-transferable.<br><input type="checkbox"/> Yes, I would like to attend. |             |
| <b>Optional Breakfasts</b>                                                                                                                                                                                                                                                                                                |             |
| <input type="checkbox"/> Resident, Student and In-Training Fellow Breakfast (must be registered as a resident, student or in-training fellow)<br><b>Wednesday, September 14, 6:30 - 7:30 am</b>                                                                                                                           | <b>FREE</b> |
| <input type="checkbox"/> International Attendee Breakfast (for all international attendees only)<br><b>Friday, September 16, 6:30 - 7:30 am</b>                                                                                                                                                                           | <b>FREE</b> |
| <input type="checkbox"/> New Fellows Breakfast (for new members only)<br><b>Saturday, September 17, 7:00-8:00 am</b>                                                                                                                                                                                                      | <b>FREE</b> |
| <b>Optional Session</b>                                                                                                                                                                                                                                                                                                   |             |
| <input type="checkbox"/> Pediatric Trauma Session<br><b>Tuesday, September 13, 5:00 - 7:00 pm</b>                                                                                                                                                                                                                         | <b>\$50</b> |
| <b>TOTAL AMOUNT DUE:</b> <input type="text"/>                                                                                                                                                                                                                                                                             |             |

## Payment

Payment must accompany registration. Registration cannot be confirmed without payment. Purchase orders are not accepted.

AAST Tax ID : 36-2985865. **Fees payable in U.S. funds to AAST.**

☐ Check (enclosed) ☐ American Express ☐ MasterCard ☐ VISA

CREDIT CARD NUMBER

EXPIRATION DATE

CARD HOLDER NAME

SIGNATURE

## Solicitation Policy:

The AAST strictly prohibits the solicitation and distribution of products and equipment at the AAST Annual Meeting in educational sessions or in the main foyer near educational sessions from 7:30 am to 5:00 pm Wednesday - Friday and 8:00 am – 12:00 pm on Saturday. All company products and equipment business MUST be conducted in the exhibit hall area with official exhibitors to the AAST Annual Meeting. Non-exhibiting company personnel are prohibited from soliciting AAST attendees at any time during the meeting. Please report any unauthorized solicitation to AAST staff immediately.

☐ I have read and understand the solicitation policy.

SIGNATURE

## Confirmation

Confirmations will be sent via e-mail, fax, or mail to all registrants. Please ensure legibility prior to faxing or mailing, and include all pages of the registration form.

## Cancellation Policy

Requests for refunds must be made in writing and received on or before Friday, August 26, 2016. There is a \$75 processing fee for all refunds and returned checks. Cancellations and registrations postmarked after the deadline date will not be eligible for refunds.

Conference attendee substitution is permitted and will be dealt with on a case-by-case basis.

AAST reserves the right to cancel any regularly scheduled session prior to the start of the meeting.

## Badge & Course/Event Ticket Policy:

All AAST name badges and course/event tickets are non-transferable.

## Registration Questions?

Please contact AAST Registration Services at [registration@facs.org](mailto:registration@facs.org) or 312-202-5244.



**AMERICAN ASSOCIATION FOR  
THE SURGERY OF TRAUMA**

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Hilton Waikoloa Village  
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For more information about this year's Annual Meeting or the American Association for the Surgery of Trauma, please visit [www.aast.org](http://www.aast.org).