NEW NAME. SAME ADVOCACY.
STRONGER TOGETHER

2019 GEMSA PROVIDERS & EDUCATORS CONFERENCE

October 4-8, 2019 | Savannah Riverfront Marriott

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For complete details and to register, visit: https://georgiaemsassociation.com/fall-conference.
How to Register

To register, visit: https://georgiaemsassociation.com/fall-registration.

Please note: MEMBERS must login to the website or enter the email on their membership account to get the member price for registration. After you are logged in, go back to the registration page, and you can register quickly and easily.

If you register as a non-member, login is not required. Just fill out the registration form and submit. A non-member registration includes an individual membership in GEMSA for the next year.

After a registration is complete, an invoice is emailed to you automatically or you can pay with credit card. Payments are due in the GEMSA office by September 25.

Conference Rates

2019 GEMSA Providers & Educators Conference - Oct. 6-8
$200 - GEMSA Member
$250 - Non-Members
(non-member rate includes a one-year GEMSA membership in the providers or educators division.)
$150 - Student (must submit Instructor Confirmation)

Conference fees include: refreshments each day, breakfast items on Monday and Tuesday, and lunch on Monday.

Day Rates - Member or Nonmember
$75 - Sun., Oct. 6
$150 - Mon., Oct. 7
$75 - Tues., Oct. 8

Pre-conference Workshops
October 4-6, 2019
Times and prices vary. See pages 7-8 of this brochure for details.

Conference Deadlines

Early Registration - September 18, 2019
Price increases by $50 on September 19

Payment Deadline - September 25, 2019
Please note that payments must be received in the GEMSA office by September 25 to confirm your attendance at the conference. You can pay online or mail a payment.

If you don’t pay online, please mail a copy of your registration information with payment to:
GEMSA
386 River Point Drive
McDonough, GA 30252
Payment must be received by Sept. 25.

Online Registration Deadline - September 25, 2019
(After Sept. 25 you must register on-site)

Cancellation Policy
Cancellations received in either writing or online by Sept. 18, 2019 will receive a refund less a $40 administrative fee. NO REFUNDS after September 18, 2019.
Continuing Education Credits for EMS Personnel
Continuing education credits applied for from Georgia Office of EMS/Trauma.

Conference Hotel: Savannah Riverfront Marriott
100 General McIntosh Blvd. Savannah, Georgia 31401  www.marriott.com

For Hotel Reservations:
(800) 228-9290 or (912) 233-7722
Make a reservation online at georgiaemsassociation.com/gemsa-hotel

Ask for: GEMSA 2019 Conference
Rate: $159 per night, plus applicable taxes

Room reservation deadline is September 4, 2019.
(Rooms sell out each year, so make a reservation soon!)

GEMSA Meetings and Activities  (at-a-glance)

FRIDAY— October 4, 2019
9:30 AM  Instructor Update Workshop (FULL)

SATURDAY— October 5, 2019
9:00 AM  Trauma Symposium and Cadaver Lab (FULL)
9:30 AM  Instructor Update Workshop (FULL)

SUNDAY— October 6, 2019
8:00 AM  PreCon Instructor Workshop (FULL)
          Show-Me Creative Ideas in the Classroom
9:00 AM  Conference Registration Opens
12:00 PM Opening of the 2019 GEMSA Providers & Educators Conference
5:30 PM  Exhibitor Showcase

MONDAY— October 7, 2019
7:30 AM  Exhibits Open and Continental Breakfast
8:00 AM  Reconvene Conference
12:15 PM LUNCH and Exhibitor Time
9:00 PM  Entertainment - Savannah Smiles

TUESDAY— October 8, 2019
7:30 AM  Exhibits Open and Continental Breakfast
8:00 AM  Reconvene 2019 Conference & Membership Meeting
12:30 PM Adjourn 2019 GEMSA Providers & Educators Conference
# 2019 AGENDA

## FRIDAY - October 4, 2019

<table>
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<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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| 9:30 AM - 4:30 PM | **Instructor Update Workshop** with Kelly Joiner and David Newton   | Provider CE: 6.5 hrs | Instructor CE: 6.5 hrs  
Cost: Free, lunch provided  
$125 hotel room reimbursement available (details on pg 7)  
This workshop is provided with funding from the Georgia Trauma Commission and is offered on Friday and Saturday. It will be the same workshop on both days. (You must register by Sept. 25, unless it fills up first.) |

## SATURDAY - October 5, 2019

<table>
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<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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| 9:00 AM - 4:00 PM | **Trauma Symposium & Cadaver Lab** with Scotty Bolleter, Scott Lail, Bill Justice | Provider CE: 6.5 hrs | Instructor CE: 6.5 hrs  
Cost: Free (You must register by Sept. 25, unless it fills up first)  
The Georgia Trauma Commission is providing funding for this symposium. |
| 9:30 AM - 4:30 PM | **Instructor Update Workshop** with Kelly Joiner and David Newton   | Provider CE: 6.5 hrs | Instructor CE: 6.5 hrs  
Cost: Free, lunch provided  
$125 hotel room reimbursement available (see pg 7)  
This workshop is provided with funding from the Georgia Trauma Commission and is offered on Friday and Saturday. It will be the same workshop on both days. (You must register by Sept. 25, unless it fills up first.) |
| 1:00 PM - 4:30 PM | Conference Registration Open                                        |                                                                                                   |

## SUNDAY - October 6, 2019

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>9:00 AM</td>
<td>Regular Conference Registration Open</td>
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| 8:00 AM - 11:30 AM | **Pre-Con Instructor Workshop: Show-Me Creative Ideas in the Classroom** - Janet Taylor & Lori Sizer | Provider CE: 3.5 hrs | Instructor CE: 3.5 hrs  
Pre-Con fee: $50, no meal included (You must register by Sept. 25.) |
| 12:00 PM        | **Welcome/Opening Remarks** - Chad Black, GEMSA Chair and Kim Littleton, GEMSA Executive Director |                                                                                                   |
| 12:15 PM        | **Opening Keynote Address:** M.A.R.C.H. Out of the Darkness: The Anatomical Reality of Emergent Care | Provider CE: 1 hr | Instructor CE: 1 hr  
- Scotty Bolleter |
| 1:15 PM         | Short Break                                                           |                                                                                                   |
| 1:30 PM         | General Session: **Human Trafficking Meets Healthcare: An Opportunity For Intervention** - Dr. Lekshmi Kumar | Provider CE: 1 hr | Instructor CE: 1 hr  |
| 2:30 PM         | Exhibitor Break                                                       |                                                                                                   |
| 3:00 PM         | General Session: **Lessons Learned from a 1,500 patient MCI** - Chris Way | Provider CE: 1 hr | Instructor CE: 1 hr  |
| 4:00 PM         | Exhibitor Break                                                       |                                                                                                   |
| 4:30 PM         | **Break-out Session A**                                              |                                                                                                   |
| 4:30 PM         | **Break-out Session B**                                              |                                                                                                   |
| 5:30 PM         | Exhibitor Showcase                                                   |                                                                                                   |

(GEMSA reserves the right to substitute speakers and topics at their discretion.)

For complete details and to register, visit: [https://georgiaemsassociation.com/fall-conference](https://georgiaemsassociation.com/fall-conference).
## MONDAY - October 7, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Break-out Session A</th>
<th>Break-out Session B</th>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>Exhibits Open - Continental Breakfast in Exhibit Area</td>
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<tr>
<td>8:00 AM</td>
<td>Reconvene 2019 GEMSA Providers &amp; Educators Conference</td>
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</table>
| 8:15 AM| **Preparing Your Students to take the National Registry Examination** - Greg Applegate | Provider CE: 1 hr | Instructor CE: 1 hr | **All Jacked Up! - Endocrine Emergencies** - Janet Taylor  
Provider CE: 1 hr | Instructor CE: 1 hr |
| 9:15 AM| Short Break                                                           |                                                                                    |                                                                                    |
| 9:30 AM| **Using Simulation to Teach EMS Students - Lessons Learned** - Jeff Adams & Alisha Adams  
Provider CE: 1 hr | Instructor CE: 1 hr | **Cardiogenic shock** - Dr. J. Jeffrey Marshall  
Provider CE: 1 hr | Instructor CE: 1 hr |
| 10:30 AM| Exhibit Break                                                         |                                                                                    |                                                                                    |
| 11:15 AM| **Embracing Technology in the Classroom** - Janet Taylor  
Provider CE: 1 hr | Instructor CE: 1 hr | **Managing Acute Psychiatric and Behavioral Health Emergencies in Pediatric and Adolescent Patients** - Dr. David Goo  
Provider CE: 1 hr | Instructor CE: 1 hr |
| 12:15 PM| Lunch and Exhibits                                                   |                                                                                    |                                                                                    |
| 1:30 PM| **Killer Bees: Anaphylaxis in EMS** - Janet Taylor  
Provider CE: 1 hr | Instructor CE: 1 hr | **The Legalities of Report Writing - An Expert Witness’ Point of View** - Tara Massarelli  
Provider CE: 1 hr | Instructor CE: 1 hr |
| 2:30 PM| Exhibit Break                                                         |                                                                                    |                                                                                    |
| 3:00 PM| **Breaking the Chain: Prevention of Healthcare Associated Infections** - Jeanette Boyle-Wheeler  
Provider CE: 1 hr | Instructor CE: 1 hr | **Strategic Recruitment & Hiring for EMS - The Secret Sauce** - Curtis Woody  
Provider CE: 1 hr | Instructor CE: 1 hr |
| 4:00 PM| Short Break                                                           |                                                                                    |                                                                                    |
Provider CE: 1 hr | Instructor CE: 1 hr | **Where's the Brotherhood - Sisterhood?** - Thomas Woodruff  
Provider CE: 1 hr | Instructor CE: 1 hr |
| 9:00 PM| Entertainment - Savannah Smiles                                      |                                                                                    |                                                                                    |

## TUESDAY - October 8, 2019

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<th>Time</th>
<th>Event</th>
<th>Provider CE: 1 hr</th>
<th>Instructor CE: 1 hr</th>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>Exhibits Open - Continental Breakfast in Exhibit Area</td>
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<tr>
<td>8:00 AM</td>
<td>Reconvene 2019 GEMSA Providers &amp; Educators Conference and GEMSA Membership Meeting</td>
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<tr>
<td>8:45 AM</td>
<td>State Office of EMS Address</td>
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<tr>
<td>9:45 AM</td>
<td>Break</td>
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</table>
| 10:00 AM| **Georgia Scope of Practice for EMS providers: where are we now and where are headed?** - Dr. Nathan Allen Stokes  
Provider CE: 1 hr | Instructor CE: 1 hr |                   |
| 11:00 AM| Exhibitor Break - Last Chance to visit Exhibitors                   |                   |                     |
| 11:30 AM| **Closing Keynote - Optimizing Prehospital Trauma Care Through Research** - Dr. Eileen Bulger  
Provider CE: 1 hr | Instructor CE: 1 hr |                   |
| 12:30 PM| **ADJOURN** - 2019 GEMSA Providers & Educators Conference            |                   |                     |

(GEMSA reserves the right to substitute speakers and topics at their discretion.)

6 | 2019 GEMSA Providers & Educators Conference
Pre-Conference Options

ALL PRECONFERENCE WORKSHOPS REQUIRE PRE-REGISTRATION AS SPOTS ARE LIMITED. REGISTRATION DEADLINE IS SEPTEMBER 25, 2019, UNLESS THEY FILL UP FIRST.

NO LATE REGISTRATIONS OR ON SITE REGISTRATIONS WILL BE PERMITTED. REGISTRATION PREFERENCE WILL BE GIVEN FOR FULL CONFERENCE ATTENDEES.

ADDITIONAL REGISTRATION FEES MAY APPLY.

Instructor Update Workshop - BOTH WORKSHOPS FULL

Pre-Conference Options

Pre-Conference Options

Instructor Update Workshop - BOTH WORKSHOPS FULL

Presented by David Newton and Kelly Joiner

Friday, October 4 or Saturday, October 5, 9:30am – 4:30pm

Cost: Free (Lunch provided)

Details: This workshop will be offered on Friday, Oct. 4 and Saturday, Oct. 5. It will be the same workshop both days, so you choose one.

A $125 hotel reimbursement will be sent to you by check after the workshop if you complete the following within 10 days of the workshop:

1) you get scanned in at the workshop, so we can verify attendance;
2) you submit a hotel receipt to GEMSA that shows you stayed in Savannah the night of or the night before the workshop you attended; and
3) you fill out a W9 form available at the workshop.

These workshops are provided with grant funding from the Georgia Trauma Commission. Class size is limited.

Workshop Description:

We have so many opportunities ahead for our Profession. Change is all around us and those changes are coming quickly:

• Accreditation is on the horizon for AEMT programs.
• New National EMS Scope of Practice
• The National EMS Education Standards are being updated
• Georgia has a new licensing system for medics, agencies and instructors
• Georgia will be changing the way instructors are licensed and how programs are approved

Are we ready? Are you ready?

During this workshop we will discuss:

• Georgia Scope of Practice Changes and how this will affect medics and agencies. We will also look at the new National EMS Scope of Practice, and some of the changes that are coming down the pipeline.
• New License Management System
  We will educate instructors on this new system of licensing for Georgia’s EMS professionals and Initial EMS Education programs showing you the features and benefits available as we continue to improve Georgia’s EMS System, including:
  - How to use the system for initial education and continuing education approvals.
  - How to enter your students and track education.
• O.C.G.A. Rules and Regulations 511-9-2
  We will review the updated Rules and Regulations for Georgia including changes to EMS Instructor licensing and Initial EMS Education program approvals.
• GEMSIS Elite
  All approved education programs have access to use GEMSIS Elite as an ePCR platform for their students during their initial education into the profession. We will discuss how programs can have an agency profile in GEMSIS Elite with no cost to the program, how using an EMS ePCR software platform fits into the core curriculum of initial education, how the system can benefit your program, and the benefits of using this systems for your students and potential employers, including how it fits into Appendix G for accreditation.

Trauma Symposium and Cadaver Lab

Presented by Scotty Bolleter, Scott Lail, Bill Justice

Saturday, October 5, 2019, 9:00 am – 4:00 pm

Cost: Free

The Trauma Symposium includes the Procedural Anatomy Program, a nationally recognized offering specifically focused on optimal resuscitation and emergent interventions. This program is a unique and includes hands-on experiences that gracefully blend fresh human specimens, highly experienced professionals, and the most demanding procedures (with the right dose of reservation). This course is tightly orchestrated and designed to comprehensively instruct, explain, and train through: bleeding control, ventilation and airway management (BLS, ALS and Surgical), vascular access (IV peripheral and cut-down, IO), thoracic injury management (needle decompression, finger thoracotomy, pericardiocentesis), as well as fundamental suturing and more. Participants will assist with actively locating, visualizing, mobilizing and exploring the freshly dissected anatomy of the neck, chest, abdomen and extremities to better appreciate the efficacy and impact our interventions have on the human body (while simultaneously defining the common medical and traumatic disease processes we encounter). This procedural anatomy program has been specifically designed with the single goal of improving “indication recognition” while simultaneously offering an experience for “low frequency–high value” procedures. A cadaver lab will also be featured as part of the symposium. This symposium is provided by funding made available through the Georgia Trauma Commission.
Pre-Conference Options (cont.)

ALL PRECONFERENCE WORKSHOPS REQUIRE PRE-REGISTRATION AS SPOTS ARE LIMITED. REGISTRATION DEADLINE IS SEPTEMBER 25, 2019, UNLESS THEY FILL UP FIRST.

NO LATE REGISTRATIONS OR ON SITE REGISTRATIONS WILL BE PERMITTED. REGISTRATION PREFERENCE WILL BE GIVEN FOR FULL CONFERENCE ATTENDEES.

ADDITIONAL REGISTRATION FEES MAY APPLY.

PreCon Instructor Workshop - Show-Me Creative Ideas in the Classroom
Presented by Janet Taylor & Lori Sizer

Sunday, October 6, 2019, 8:00-11:30 am
Cost: $50 and spaces are limited

How do you help a kinesthetic learner ‘touch’ osmosis? Some subjects just seem to have limited opportunity for a hands-on learning...not anymore! Participants will leave this session inspired and equipped with ideas that can be used immediately upon return to their classroom. Adapted from Heather Davis’ “Great Ideas”. Use cucumbers and salt to show effects of hypertonic fluids and electrolyte disturbances. Use cotton candy to visualize when a heart attack victim receives thrombolytic. Utilize trendy music to enhance understanding of the cardiovascular system and other concepts. Use audience participation (via improvisation/role play) to convey the importance of body language when teaching communication techniques and scene awareness. And much, much more! This session is fast-paced and will guarantee to have the participant walk away with some great ideas for their classroom and a renewed outlook on education.

Conference Day - Sunday, October 6, 2019

OPENING KEYNOTE
Opening - 12:00 PM with Keynote at 12:15 PM

M.A.R.C.H. Out of the Darkness: The Anatomical Reality of Emergent Care
Presenter: Scotty Bolleter

This lecture takes a unique, human cadaver-based approach “beneath the skin” to sequential define the lifesaving acronym M A R C H (Massive Hemorrhage, Airway, Respirations, Circulation and Hypothermia). This treatment centric session is designed to specifically uncover key problems, while illuminating current strategies for our patient’s most lethal challenges. While M A R C H likely originated in the United Kingdom, it has been rapidly adopted by our nation’s special operations teams, and subsequently by emergency medicine providers worldwide. This simplistic approach has useful application far beyond the battlefield. With this in mind, MARCHing out of the darkness might just save your very next patient.

1:30-2:30 PM General Session - Human Trafficking Meets Healthcare: An Opportunity For Intervention
Dr. Lekshmi Kumar

Human trafficking is happening all around us, even if we aren’t aware of it. This session will talk about increasing awareness of human trafficking for EMS, clinical clues and management of patients with concerns for trafficking, how to report it, and resources available. Come learn more about how you can help provide intervention for those who need help.

3:00-4:00 PM General Session - Lessons Learned from a 1,500 patient MCI
Chris Way

Chief Way was one of the initial responders to the 2011 Joplin, Missouri tornado and served in several Incident Command System (ICS) roles during the response. This session will review lessons learned by responders to the event where EMS transported over 1,500 patients during the first 18 hours of the response along with staging, sheltering and supporting the first responders.
**Conference Day - Sunday, October 6, 2019**

**Breakout Sessions**

**4:30 - 5:30 PM**

**Session A - Unusual Rescue, Unusual Relationship**  
Chris Way

This session reviews a response by Kootenai County EMS System, which resulted in a through the knee amputation of a patient trapped in a log truck accident. Leveraging the relationship with the local trauma center, a surgical team was quickly mobilized, brought to the scene and working in conjunction with EMS, successfully rescuing the patient. The session will review the actual rescue as well as the relationship development that resulted in a positive outcome.

**Session B – Every breath you take: The most common respiratory diagnoses**  
Janet Taylor

We will review the most common respiratory diagnoses found in EMS and the differences between the way the symptoms present in EMS and the treatment options. Included in the list of diagnoses are COPD, Asthma, CHF, Pneumonia, Pulmonary Embolus and ARDS. Also included are special notes about Ventilator Acquired Pneumonia (VAP) and what we can do in EMS to prevent VAP and improve our patient’s outcome in the long run.

**Conference Day - Monday, October 7, 2019**

**Breakout Sessions**

**8:15 - 9:15 AM**

**Session A - Preparing Your Students to take the National Registry Examination**  
Greg Applegate

What is a computerized adaptive test? How will it affect my students? What about local protocols? How can I help my students be successful on the National Registry examinations? All these questions and more will be answered in this session about how the National Registry examinations are developed and administered.

**Session B - All Jacked Up! : Endocrine Emergencies**  
Janet Taylor

We see endocrine emergencies more often than we realize, not counting Diabetic Emergencies. From Myxedema Coma and Thyroid Storm to Adrenal Crisis, we learn the different presentations of each emergency and the treatments for each. Please Note: Although diabetes is an endocrine disorder, it is covered in a separate presentation.

**9:30 - 10:30 AM**

**Session A - Using Simulation to Teach EMS Students - Lessons Learned from Medical Schools**  
Jeff Adams & Alisha Adams

While the EMS world is just starting to use simulations to train students, it is a vital part of all medical schools. This presentation is a look at the lessons learned from more than 20 years of medical school simulations. We will cover how to get students “buy In,” what works, and doesn’t work. We will also discuss what makes up a good simulation and how/where to build simulations into your program.

**Session B - Cardiogenic shock**  
Dr. J. Jeffrey Marshall

Cardiogenic shock occurs in about 12% of all myocardial infarctions and carries a markedly increased risk of death in the 30-40% range in STEMI and NSTEMI. This talk will discuss incidence, pathophysiology and etiology of cardiogenic shock in MI; definition of cardiogenic shock; treatments for cardiogenic shock; drugs; devices; systems of care for cardiogenic shock; and Georgia's plans for Emergency Cardiac Care Centers and implications for the treatment of Cardiogenic Shock.
Session A - Embracing Technology in the Classroom  
Janet Taylor

The average EMS student was born in the 1990s-2000s. This generation of students has limited experience with relying on hardcopy textbooks and paper and pencil to learn, but rather they have had access to computers and the internet for most of their lives. By using this technology, we can actually create a generation of healthcare providers who have a better comprehension of anatomy and physiology with a higher level of critical thinking skills. In this session, we will see different apps available as well as how to capture video clips, take screen shots, and how to embed them into a presentation seamlessly.

Session B - Managing Acute Psychiatric and Behavioral Health Emergencies in Pediatric and Adolescent Patients  
Dr. David Goo

This session will describe prehospital management process for pediatric behavioral emergencies; common pediatric psychiatric conditions, symptoms, and treatment; on-scene EMS interventions and resources; and will highlight solutions for EMS dealing with behavioral emergencies.

Session A - Killer Bees: Anaphylaxis in EMS  
Janet Taylor

What is the difference between a side effect, an allergy, and anaphylaxis? What do you do when a patient says he/she is allergic to epinephrine? Why do so many people have allergies to Aspirin? And why is it that someone who is allergic to peanuts can eat french fries fried in peanut oil? In this session, we will review what happens in the body when it is exposed to an allergen and what we need to assess for to determine whether this is a side effect, an allergy or a true allergic reaction.

Session B - The Legalities of Report Writing- An Expert Witness’ Point of View  
Tara Massarelli

Who is reviewing your employee’s PCRs? What type of documentation training do you offer at least once a year? When is it time to hang it up if you are burnt out? What are the warning signs an employee may not have the best interests of a patient? During this session, we will discuss knowledge I have gained by serving as an expert witness and some great insight to all medics and administration on where we can do better from a moral and ethical standpoint.

Session A - Breaking the Chain: Prevention of Healthcare Associated Infections  
Jeanette Boyle-Wheeler

HAIs are secondary infections contracted by patients from the healthcare environment. They tend to afflict the most vulnerable patient populations and are frequently resistant to the most widely used antibiotics. This lecture describes the epidemiology of these dangerous infections, examines EMS providers role in spreading infectious agents, and identifies guidelines for prevention.

Session B - Strategic Recruitment and Hiring for EMS - The Secret Sauce!  
Curtis Woody

This presentation will provide EMS professionals with a strategy and roadmap for directing critical resources toward the successful recruitment and hiring of a diverse, high quality workforce for the future.
Session A - Rock-A-Bye Baby: Pediatric Tips and Tricks
Janet Taylor

Kids can be scary, especially when a healthcare provider doesn’t take care of kids on a regular basis. We are going to review the little tips and tricks that pediatric experts have compiled over the years to help us sift through what is a critical need-to-know and what isn’t that concerning. Is a pediatric fever a true emergency? Should a parent be concerned over the color of snot? All of this and more.

Session B - Where’s the Brotherhood - Sisterhood?
Thomas Woodruff

The goal is to bring an awareness to the lack of “Brotherhood-Sisterhood” within the EMS community and to present solutions for the future. With the challenges we face, it is imperative we work together and support each other as a united industry. A comparative study between EMS, fire, and law enforcement brings a unique perspective to the importance of camaraderie and how it enables industry members to confront issues such as staffing shortages, PTSD, service longevity, work conditions, and fatigue concerns.

Conference Day - Tuesday, October 8, 2019

8:45-9:45 AM General Session: State Office of EMS Address

10:00-11:00 AM General Session: Georgia Scope of Practice for EMS providers: where are we now and where are headed?
Dr. Nathan Allen Stokes

During this presentation, we will discuss the scope of practice among the different levels of certification recognized by the State of Georgia. We will discuss the initial certification requirements of each, limitations of each level, and summarize a comparison of other states. We will also discuss potential short term and long-term changes within the scope of practice and ideas for the advancement of the EMS profession in the State of Georgia.

11:30 AM-12:30 PM Closing Keynote: Optimizing Prehospital Trauma Care Through Research
Dr. Eileen Bulger

During this session, we will discuss the challenges associated with conducting research in the Prehospital Environment as well as review the current evidence associated with prehospital management of airway, ventilation, and resuscitation of hemorrhagic shock in trauma patients. Last, we will review the current CDC Field Triage guidelines and discuss opportunities for improvement.

For complete details and to register, visit: https://georgiaemsassociation.com/fall-conference.
SPEAKER BIOGRAPHIES

Alisha Adams, AA - NREMT-P
Alisha Adams serves as Simulation Operations Coordinator for Lanier Technical College for Allied Health. In this position, she oversees the activities of the campus Simulation Center.

Alisha Adams most recently worked as an Adjunct Instructor for the Emergency Medical Services (EMS) Department for Lanier Technical College at the Oakwood Campus. Prior to that, she worked as an Adjunct Instructor for the Simulation Center at the Philadelphia College of Osteopathic Medicine – GA Campus (GA-PCOM); Lead Instructor for EMTs and Advanced EMTS at Gwinnett Technical, and a Paramedic for Gwinnet Medical Center at Duluth and Lawrenceville Campus.

Alisha earned an Associate's bachelor's degree in Paramedicine from the University of Cincinnati, Cincinnati, Ohio; Paramedicine Licensure for National Registry and the States for Ohio & Georgia; Licensed Medical Massage Therapist Licensure from the Dayton School of Medical Massage, Kettering, Ohio, and STNA certification for Nurse Aide Care, Kettering, Ohio.

Jeff Adams, NREMT-P BA, MS
Jeff Adams serves as Director of Simulation for the Georgia Campus – Philadelphia College of Osteopathic Medicine (GA-PCOM). In this position, he oversees the activities of the campus simulation center. Jeff most recently worked as the Simulation Coordinator for the Dayton VA Medical Center Mobile Simulation Lab, Dayton, Ohio. Prior to that, he worked as the Simulation Lab Coordinator at Mount Carmel Hospital, Columbus, Ohio; as the Simulation Lab Manager at The Ohio State University College of Medicine, Columbus, Ohio; and the Simulation Tech at the Wright State University Emergency Medicine Department, Fairburn, Ohio. He has also worked as a 911 paramedic for more than ten years for mutual aid agencies in Warren County, Montgomery County, and Butler County in Ohio. Jeff Adams earned a bachelor's degree in Radio/television/communications from Morehead State University, Morehead, Kentucky, an associate's degree in Emergency Medical Services from the University of Cincinnati, Cincinnati, Ohio, and a master's degree in Healthcare and Medical Simulation from the New York Institute of Technology (NYIT) School of Osteopathic Medicine, Glen Head, New York.

Greg Applegate, PhD, MBA
The Science and Examinations Team, led by Chief Science Officer Greg Applegate, is responsible for research and examinations related processes, test content development for cognitive and psychomotor exams, test administration and psychometrics. The core mission of this team is to advance the understanding of EMS through evidence-based research and to provide valid and reliable assessments of competency. Dr. Applegate has a PhD from Purdue University in Educational Psychology and an MBA from Indiana University.

Scotty Bolleter, BS, EMT-P
Scott Bolleter, or “Scotty” as he is known to his friends and colleagues, is a respected clinician, inventor, and lecturer. He is best known in medicine for his clinical candor, scientific contributions, and inspiring talks. He is Chair of the Centre for Emergency Health Sciences just outside of San Antonio, Texas. His work at the Centre includes multi-specialty training, research and development, as well as clinical oversight.

Scotty has been involved in emergency medicine for over 35 years. What you may not know is that his name appears on nearly 30 patents in emergent, oncologic, and orthopedic medicine. This most recently includes the Simplified Pneumothorax Emergency Air Release decompression needle system and the Bougie Aided Cricothyrotomy device. He was also on the EZ-Io and OnControl design teams, directed global education, coordinated research, and assisted with regulatory clearances for the VidaCare Corporation, which was sold to Teleflex in late 2013.

Scotty’s reputation has been centered on the advancement of emergency medicine and human compassion. His work has taken him throughout the United States and around the world with an extensive list of presentations, research, publication and accomplishments found in magazines, journals, textbooks and video programs.

Jeanette Boyle-Wheeler, NREMT-P, FP-C, EMS Instructor
Jeanette Boyle-Wheeler is a nationally registered paramedic and certified flight paramedic with nearly 10 years of experience in prehospital medicine. She currently works for Chatham Emergency Services in Savannah, Georgia and is a faculty member of Savannah Technical College's EMS Program. She is pursuing a degree in nursing with the intent to work in public health.
**Eileen Bulger, MD, FACS**

Dr. Bulger began her career in healthcare as a paramedic in Maryland. She then received her undergraduate degree from Johns Hopkins University and her medical degree from Cornell University. She then completed her surgical residency and fellowship in trauma and critical care at the University of Washington. She joined the faculty at the University of Washington in 2000 where she is now a Professor of Surgery and the Chief of Trauma at Harborview Medical Center the sole Level 1 trauma center for adults and pediatrics in Washington State. She has served as co-PI for trauma with the Resuscitation Outcomes Consortium and PI of the Seattle Crash Injury Research and Engineering center. Her current research interests include resuscitation strategies for hemorrhagic shock, trauma system development and the prehospital triage and management of injured patients, the biomechanics of injury after motor vehicle crashes, modulation of the inflammatory response after injury, and necrotizing soft tissue infections. Her research has generated over 200 peer reviewed publications. She has served in several leadership roles in the Washington State trauma system. Nationally, she currently serves as the secretary/treasurer for the American Association for the Surgery of Trauma and as the Chair of the American College of Surgeons Committee on Trauma.

**Bill Justice, F/F (ret), NREMT-P, TEMS-I**

Bill is a frequent educator at regional, national, and international conferences. His user-friendly approach to emergency management topics provides a relaxed and interactive atmosphere for all participants. His background has spanned a 40-year career in fire-rescue, EMS, and Law enforcement. He is currently a Regional PHTLS/TCCC Coordinator, AHA Regional Faculty, and a TEMS Operator/Instructor for the Oklahoma County Sheriff’s Department and US Marshals Task Force. Bill continues to assist local, state and federal law enforcement and military agencies with education and response operations.

**Lekshmi Kumar, MD MPH**

Dr. Kumar has worked as an ED physician in Atlanta for the past nine years within the Emory system and Grady. She has been active in the EMS community and served as medical director for various services in the city. Her involvement in the Ebola transfers to Emory led to education and training of the biosafety transport team with EMS and the opportunity to be Consultant/Faculty in the EMS work group for the National Ebola Training and Education Center (NETEC). She serves as the medical director for the Atlanta Publix Marathon as well as the Peachtree road race. While she is not busy with operations, she is passionate about pre-hospital education and training.

**Chief Scott Lail, EMT-P, FP-C, CFE**

Scott began his EMS career in 1992. Shortly after his arrival into pre-hospital medicine, he became a Firefighter with the City of Cleburne, Texas. With his love for education, Scott became the EMS educator for his Fire Department and other local agencies in need.

He also joined Tarrant County College in Fort Worth as Adjunct EMS Faculty. In 1999, Scott became a Flight Paramedic with CareFlite in Dallas / Fort Worth, Texas. For over 27 years, Scott continued to work both Fire and EMS as well as Flight. He is currently the Fire Chief, a certified
SPEAKER BIOGRAPHIES

Master Firefighter and an EMS Instructor with the Cleburne Fire Department as well as a Certified Flight Paramedic (FP-C).

He recently “hung up his wings” after 19 years as a Flight Paramedic with CareFlite, though he still maintains his flight status just in case! Scott has lectured at state, national, and international conferences with a reputation as a dynamic speaker. He also recently appeared in an episode of “Miracle Detectives” on the Oprah Winfrey Network.

J. Jeffrey Marshall, MD, MSCAI, FACC

Dr. Marshall received his medical degree from the University of Florida. He completed his residency in internal medicine, cardiology and interventional fellowships at the Virginia Commonwealth University (VCU) in Richmond, VA. He served as an Associate Professor of Medicine and at Emory University for 11 years and was also on the faculty at VCU. Dr. Marshall has been a leader in the international interventional cardiology society, the Society of Cardiovascular Angiography and Interventions where he was the first Editor-in-Chief of “Seconds Count”, and served as the first Chairman of the Public Relations Committee. Additionally, he was the President of SCAI 2012-2013. Dr. Marshall is a past Chairman for the Georgia Composite Board of Medicine. Dr. Marshall is one of the authors of the Georgia Emergency Cardiac Care Act that will organize the pre-hospital and hospital care of patients with STEMI and cardiogenic shock.

Tara Massarelli, NREMT-P

Tara Massarelli has served in the Emergency Services field since 2002. Within that time frame, she has obtained several local, state, and national certifications and has moved up from an entry level employee to a station manager. Since 2012, she has utilized the aforementioned experience as a Subject Matter Expert witness in civil litigation throughout the United States. She has served in roles as an instructor and adjunct professor in the State of Georgia Educational System. The fruition of her work has been acquired through hours of preparatory case review and documentation through a variety of databases and investigation.

David Newton, DrPH(c), MPH, NRP

David has been a nationally registered paramedic for 20 years and has worked in both hospital and prehospital settings. He taught in EMS initial education programs for more than 14 years, and in July of 2017, became the Cardiac Care Registrar for the Georgia Department of Public Health. David’s specific interest is using an evidence-based approach to advance Georgia’s EMS system, from initial education all the way to field providers and their integration with trauma, stroke and cardiac care systems. He received his Master’s Degree in Public Health from the University of Georgia in 2009, and he is currently in candidacy for the Doctor of Public Health degree at UGA. His dissertation focuses on examining the EMS workforce in Georgia, specifically on those medics who do not work for an EMS agency, their reasons for leaving the profession, and their likelihood of returning. In 2017, David was awarded Best Oral Presentation and Best Research at the NAEMSE Annual Symposium for his research into the benefits of cardiac patient encounters on paramedic student exam performance.

Lori Sizer, EMT-P

Licensed in EMS since 1992, Lori Sizer became an EMT the month after she graduated high school. She delivers continuing education classes for EMS, hospital, and fire personnel, as well as law enforcement. Lori has taught full-time as a training officer for St. Charles County Ambulance District in Missouri. She has worked as a CNA, Med/Surg Unit Secretary, Patient Care Technician for Hemodialysis, ED, EMT, paramedic, flight paramedic, lead paramedic, acting EMS supervisor, and training officer. Lori continues to serve as a full-time platoon paramedic and loves to help others learn.

Nathan Allen Stokes, MD, NRP, FACEP

Dr. Stokes has been involved in EMS in the State of Georgia since 1996. He is currently a nationally registered paramedic, board-certified emergency physician, and is a fellow of the American College of Emergency Physicians. Dr. Stokes is the EMS medical director for several EMS agencies in Georgia, including Navicent Health EMS, Air Evac Lifeteam (Georgia), and Monroe County Emergency Services. He is an at-large member of the Region 5 EMS Council, is a practicing emergency physician at Navicent health, and is the emergency department trauma liaison for the Navicent Health Trauma Service. Dr. Stokes advocates for the advancement of prehospital care in all areas and is proud to serve as the president of the medical director’s division of GEMSA. Dr. Stokes lives in Macon with his wife, Debbie, and is a proud father of four children.
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Janet Taylor
Before beginning as a flight nurse, Janet worked in various departments throughout the hospital gaining knowledge and experience in ICU, obstetrics, and ER. Janet has been a flight nurse since 2004 and works full-time for Life flight Eagle out of Kansas City. In addition to flying, she enjoys teaching part time for EMS conferences across the country and for local paramedic programs. She also writes modules for Medic-CE and works on the National Medical Advisory Board.

Chief Christopher Way
Chief Christopher Way was appointed the Chief Officer of the Kootenai County EMS System in North Idaho in Sept. 2013. Prior to his current position, he served as an EMS Chief in southeast Kansas. Chief Way attended Labette and Coffeyville Community Colleges for his EMS certifications and holds a Bachelor's of Arts degree in Business Management from Mid America Nazarene University.

Chief Way has been involved in EMS since January 1992. For more than 26 years he has served, initially, as an EMT and EMT-I and then in 1994 became a paramedic. In his current role Chief Way oversees the delivery of Emergency Medical Services via a fire-based EMS system. Through his role as EMS Chief, he serves on many local and regional EMS, Fire, Emergency Management, and Healthcare committees. Chief Way is also the current Past President of the North Idaho Fire Chief’s Association, the Chairman of the Idaho Emergency Medical Services Advisory Council, Chairman of the state Time Sensitive Emergency Commission, serves as the Region III Director and Chairman of the Membership Committee for the National Association of EMTs Board of Directors, is actively involved in both the Idaho and International Association of Fire Chiefs, stays involved on the CDC/ACS Field Triage Committee, serves on the Kootenai County Airport Board of Directors and is the Vice Chairman of the Heritage Health Board of Directors.

Thomas Woodruff, B.S., CCEMT-P
Thomas enrolled in the EMT program in 1989, and then attended paramedic school through West Georgia Medical Center. His background includes management positions in private sector EMS for 13 years, with the remainder of his career in a government-based EMS/Fire system. He has been involved in training/educator positions throughout his career, as well as, EMS operations, service delivery, CQI, and human resources. Thomas is retired from Douglas County Fire Department as a CCEMT-P and Firefighter NPQ II. He is the Executive Director of Faithful Guardian Training Center where they teach EMT, paramedic, continuing education programs, and OSHA courses.

Curtis Woody, MBA, CCT, SHRM-SCP
An accomplished visionary with nearly 40 years of cross-industry experience in business leadership, Curtis has founded and managed several profit and non-profit corporations - providing vision, strategic guidance, and management oversight. His diverse professional background includes: Human Resources Management, Strategic Workforce Planning, Organizational Design, Performance Optimization, Professional and Workforce Development, Community Relations, Public Relations, and Marketing. Curtis is also a Senior Certified Professional in the Society for Human Resource Management (SHRM), Director-Elect of the SHRM Georgia State Council, Chair of the Statesboro Works Commission. Curtis is a Certified Contract Trainer for LERN and a graduate of LERN's Executive Leadership Institute.

For complete details and to register, visit: https://georgiaemsassociation.com/fall-conference.