



GEORGIA EMERGENCY MEDICAL SERVICES ASSOCIATION

2021 GEMSA PROVIDERS & EDUCATORS CONFERENCE

October 9-12, 2021 | Jekyll Island Convention Center
Preconference Options: Oct. 8-10 | Conference Days: Oct. 10-12



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8/25/2021

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

About the Conference

35th Annual GEMSA Providers & Educators Conference (IN-PERSON) - October 8-12, 2021

Pre-conference Options: Oct. 8-10 | Conference Days: Oct. 10-12
Jekyll Island Convention Center, 75 Beachview Dr N, Jekyll Island, GA 31527

The Georgia EMS Association encourages you to come to join us at the beach for the 35th Annual GEMSA Providers & Educators Conference. We believe you are going to find the educational experience at this conference to be both enjoyable and rewarding. In addition, we hope you take advantage of some of the great features Jekyll Island has to offer.

Schedule at-a-glance:

Friday, October 8 & Saturday, October 9 - PreCon: Farm Medic Course (must attend both days, **SESSION FULL.**)

Saturday, October 9 - GEMSA Golf Tournament

Saturday, October 9 - PreCon: Instructor Workshop - Topics: The Challenge of EMS Continuing Education

Saturday, October 9 - Precon: Pediatric Care Workshop

Sunday, October 10 - PreCon: Instructor and LMS Update Workshop

Sunday, October 10 - PreCon: Pediatric Burn Scenario

Sunday, October 10- Tuesday, October 12 - Conference Days (*conference kicks off at noon on Oct. 10 and ends at 12:15 pm on Oct. 12*)
The conference features educator and provider tracks along with general sessions.

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 29.

Conference Rates

2021 GEMSA Providers & Educators Conference - Oct. 10-12

\$225 - GEMSA Member

\$275 - 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. 10

\$150 - Mon., Oct. 11

\$75 - Tues., Oct. 12

Pre-conference Workshops

October 8-10, 2021

Times and prices vary. See pages 7 & 8 of this brochure for details.

Conference Deadlines

Early Registration - September 20, 2021

Price increases by \$50 on September 21

Payment Deadline - September 29, 2021

Please note that payments must be received in the GEMSA office by September 29 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. 29.

Online Registration Deadline - September 29, 2021

(After Sept. 29 you must register on-site)

Cancellation Policy

Cancellations received in either writing or online by Sept. 20, 2021 will receive a refund less a \$50 administrative fee. **NO REFUNDS** after September 20, 2021.

Continuing Education Credits for EMS Personnel

Continuing education credits applied for from Georgia Office of EMS/Trauma. We will also apply for nursing credit.

Conference Hotels: Jekyll Island

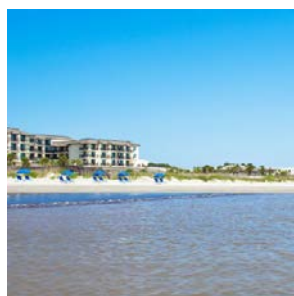
There are no hotels connected to the Convention Center, however, there are lots of lodging options available on Jekyll Island. We have negotiated room blocks with several hotels to fit a variety of budgets and types of rooms needed.

To view our hotel block options and to make reservations, visit <https://georgiaemsassociation.com/gemsa-hotel>.

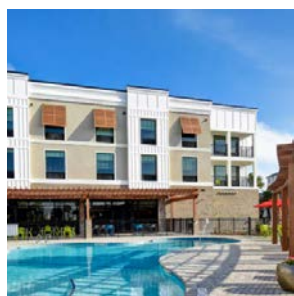
To learn about all the lodging options available, visit: <https://www.jekyllisland.com/lodging/>

Room reservation cut-off date for all hotels is September 9, 2021. Hotel rates do not include taxes and other fees. Some hotels will have more rooms available than others. Once a room block is sold out, no other rooms will be added for our group at that location.

Unless otherwise listed, make sure to tell the hotel you are with the GA Emergency Medical Services Assn 2021 Conference or Georgia EMS Association.



The Westin



Home 2 Suites by Hilton



Hampton Inn
and more



Villas by the Sea



Days Inn

GEMSA Meetings and Activities (at-a-glance)

FRIDAY— October 8, 2021

8:00 AM Farm Medic Course (Day 1) - **FULL**

SATURDAY— October 9, 2021

8:00 AM Farm Medic Course (Day 2) - **FULL**

8:00 AM PreCon Instructor Workshop: The Challenge of EMS Continuing Education

9:00 AM PreCon: AM - Pediatric Care Workshop / PM - Hands-On Pediatric Simulations (1 hr - small groups / timed starts in the afternoon)

9:00 AM GEMSA Golf Tournament

SUNDAY— October 10, 2021

8:00 AM PreCon: Pediatric Burn Scenario

8:00 AM PreCon: Instructor and LMS Update Workshop

9:00 AM Conference Registration Opens

12:00 PM Opening of the 2021 GEMSA Providers & Educators Conference

2:45 PM Exhibitor Showcase

MONDAY— October 11, 2021

7:30 AM Exhibits Open and Continental Breakfast

8:00 AM Reconvene Conference

12:15 PM LUNCH and Exhibitor Time

4:00 PM Final Vendor Break

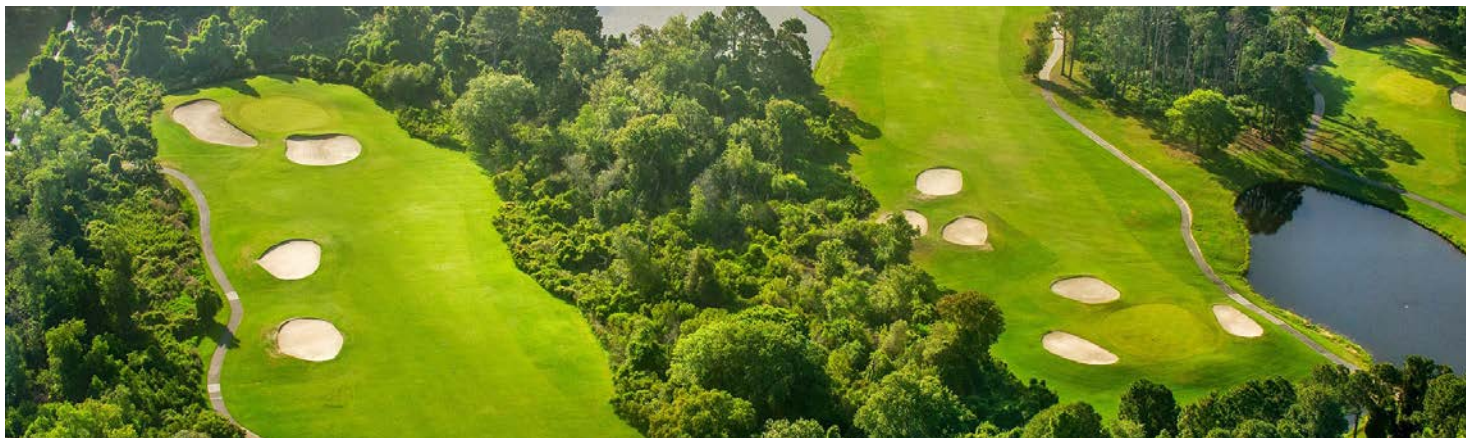
8:00 PM Entertainment - Great Dunes Beach Deck Pavilion

TUESDAY— October 12, 2021

7:30 AM Continental Breakfast

8:00 AM Reconvene 2021 Conference & GEMSA Membership Meeting

12:15 PM Adjourn 2021 GEMSA Providers & Educators Conference



2021 GEMSA Golf Tournament

October 9, 2021 | Tee times start at 9 am

Join us at Jekyll Island Golf Club for a fun round of golf on Saturday, October 9, 2021 before the 2021 GEMSA Providers & Educators Conference kicks off on Sunday. We will play a 4-person scramble with tee times starting at 9 am.

We ask that you register a 4-person team together and register/pay by Sept. 30. Prizes will be provided depending on the number of players.

Cost: \$75 per person / \$300 per team.
Cost includes: green fees and golf cart.

**REGISTRATION DEADLINE
IS SEPTEMBER 30, SO
REGISTER NOW!**

Hole sponsorships are available for \$150 each.

Location: Jekyll Island Golf Club, 322 Captain Wyllly Rd, Jekyll Island, GA 31527

Registration: View details and register at: <https://georgiaemsassociation.com/educator-golf>.

Rules:

Registration and payments are due before the event. Deadline: Sept. 30

- Metal spikes are not permitted
- Golf shirts with collars, mock turtlenecks and sleeves are required
- Sleeveless shirts are appropriate for women
- Sportswear and tank tops/halter tops are not permitted
- Golf trousers or golf skirts are required, and shorts must be tailored to Bermuda length, or be golf trousers. Blue Jeans are not permitted.

QUESTIONS?

Contact Bengie Cowart at bcowart@chathames.org.

2021 AGENDA

ALL PRECONFERENCE WORKSHOPS REQUIRE PRE-REGISTRATION AS SPOTS ARE LIMITED. **REGISTRATION DEADLINE IS SEPTEMBER 20, 2021, 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 FEES MAY APPLY.

FRIDAY - October 8, 2021

8:00 AM-5:00 PM	Farm Medic Provider Course (Day 1 of 2 / limited spots available) Seat Fee: \$30 You must register separately at https://georgiaemsassociation.com/farm-medic/ <i>Course Includes: Participants course cost and any associated printed material along with lunch. Not included: Lodging, breakfast or dinner. Meets each day at Jekyll Island Convention Center. This Program is made possible by State of Georgia funding provided through the Georgia Trauma Care Network Commission.</i>
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SATURDAY - October 9, 2021

8:00 AM	Farm Medic Provider Course (Day 2 of 2 / limited spots available) <i>Details above.</i>
8:00 AM-5:00 PM	Pre-Con Instructor Workshop: The Challenge of EMS Continuing Education - Wes Ward & Dr. Will Ferguson Pre-Con fee: \$50 (lunch included) <i>This is a full-day workshop on The Challenge of EMS Continuing Education. CE: 8 hrs</i>
9:00 AM-5:00 PM	Pre-Con Pediatric Care Workshop - Tina Johnson Pre-Con fee: \$25 (lunch on your own) <i>This pre-conference workshop includes all students participating in lectures about pediatric care from 9 am - 12 pm. After a break for lunch on your own, small groups will be scheduled at 1 pm, 2:30 pm, or 4:00 pm for hands-on pediatric simulations. CE: 4 hrs</i>
9:00 AM	GEMSA Golf Tournament <i>This is a four person scramble at Jekyll Island Golf Club. See https://georgiaemsassociation.com/educator-golf for details.</i>
1:00 PM-4:30 PM	Conference Registration Open

SUNDAY - October 10, 2021

8:00 AM-11:00 AM	Pre-Con: Updates in Pediatric Burn Care - Back to the Basics - Dr. Shawn Fagan Pre-Con fee: \$25, no meal included (You must register by Sept. 20.)	
8:00 AM-11:00 AM	PreCon: Instructor and LMS Update Workshop - Kelly Joiner and Richard Rhodes, Office of EMS Pre-Con fee: \$25, no meal included (You must register by Sept. 20.)	
9:00 AM	Regular Conference Registration Open	
12:00 PM	Welcome/Opening Remarks - Chad Black, GEMSA Chairman and Kim Littleton, GEMSA Executive Director	
12:15 PM	<i>Opening Keynote Address:</i> The Last lecture: Lessons learned in emergency medicine - Russ Brown	
1:15 PM	Exhibitor Break	
	Break-out Session A: Educators Track	Break-out Session B: Providers Track
1:45 PM	Educators: The Basics of Burns - Dr. Shawn Fagan	Pragmatic 12 Lead EKG's - Dr. William Ferguson
2:45 PM	Exhibitor Showcase	
3:30 PM	So, You Want to Be a Medical Educator - Russ Brown	Blunt Cardiac Injury in the Pediatric Trauma Patient - Jon Johnson
4:30 PM	Exhibitor Break	
5:00 PM	Conflict Resolution in and out of the classroom - Daniel Warren	Trauma Resuscitation Re-sequenced - Russ Brown
6:00 PM	A Dialogue with the Office of EMS and Trauma	

MONDAY - October 11, 2021

7:30 AM	Exhibits Open - Continental Breakfast in Exhibit Area	
8:00 AM	Reconvene 2021 GEMSA Providers & Educators Conference	
	Break-out Session A: Educators Track	Break-out Session B: Providers Track
8:15 AM	Effective Teaching on Shift - Russ Brown	Cardiogenic Shock: The Missing Link - Jason Grady
9:15 AM	Exhibitor Break	
9:45 AM	Setting the Online Environment Up for Engagement - Brittany Prater	Pediatric Trauma: Case Studies - Russ Brown
10:45 AM	Exhibitor Break	
11:15 AM	5 Ways to Enhance Affective Domain Learning in Your Classroom - Travis Howe	Dealing with the Law and Lawyers (Without Stress! Ok, Minimal Stress) - Alex Weatherby
12:15 PM	Lunch and Visit Exhibits - LUNCH SPONSORED BY AMERICAN HEART ASSOCIATION	
1:30 PM	Empathy Matters...But Can We Teach it? - Brittany Prater	Vascular Zebras - Travis Howe
2:30 PM	Exhibitor Break	
3:00 PM	Transformer 2.0 for EMS Education - Thomas Woodruff	Pediatric Patients - Are they different from adults? - Tina Johnson
4:00 PM	Exhibitor Break - Last Chance to Visit Exhibits	
4:30 PM	Active Learning Strategies for the EMS Classroom - Brittany Prater	WTF: What the Fluid? - Jason Grady & Brandon Carey
8:00 PM	Entertainment - Great Dunes Beach Deck Pavilion	

TUESDAY - October 12, 2021

7:30 AM	Continental Breakfast near meeting space
8:00 AM	Reconvene 2021 GEMSA Providers & Educators Conference and GEMSA Membership Meeting
8:45 AM	The Lost Art of the Patient Assessment - Dr. N. Allen Stokes
9:45 AM	Break
10:00 AM	ECMO: What is it and How Does it Work? - Dr. Allison Dupont
11:00 AM	Break
11:15 AM	Stand Up: Be the Change EMS Needs - Travis Howe
12:15 PM	ADJOURN - 2021 GEMSA Providers & Educators Conference

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

STUDENT RATE - \$150.00

Registration includes – shirt, CEUs, conference packets, and meals
Registration must include letter of confirmation from instructor

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

Pre-Conference Options

ALL PRECONFERENCE WORKSHOPS REQUIRE PRE-REGISTRATION AS SPOTS ARE LIMITED. **REGISTRATION DEADLINE IS SEPTEMBER 20, 2021, 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.

FRIDAY, OCTOBER 8, 2021-SATURDAY, OCTOBER 9, 2021

PreCon: Farm Medic Provider Course (2-DAY COURSE)

Friday, Oct. 8 & Saturday, Oct. 9, 8:00am – 5:00pm | Seat Fee: \$30 (Lunch provided) Spaces are limited.

You must register separately at <https://georgiaemsassociation.com/farm-medic/>

Course Includes: Participants course cost and any associated printed material along with lunch. Not included: Lodging, breakfast or dinner. Meets each day at Jekyll Island Convention Center. This Program is made possible by State of Georgia funding provided through the Georgia Trauma Care Network Commission.

Agriculture is one of the most dangerous industries in America. Every year, needless injuries and deaths occur to farmers, family members, farm employees, and rescue personnel. Emergency responders often lack knowledge of the nature of farm machinery, chemicals, and farm structures. Some rescue techniques may actually increase the risk to the victim and rescue personnel. Training and education in the methods of farm rescue are essential for proper response and safety of the rescuer and patient. GEMSA's goal is to teach a systematic approach to farm rescue procedures that address the safety of both patients and responders.

SATURDAY, OCTOBER 9, 2021

PreCon: Instructor Workshop - The Challenge of EMS Continuing Education

Presented by Wes Ward and Dr. William Ferguson

Saturday, October 9, 8:00am – 5:00pm | Cost: \$50 (Lunch provided), 8 CE Hours Spaces are limited.

During this workshop, we will discuss The Challenge of EMS Continuing Education with Wes Ward & Dr. Will Ferguson. Many EMS agencies view continuing education as a nuisance, and many agency administrators concentrate on the task of documenting sufficient training for their employees with little concern for the quality of the training. The Alabama EMS Challenge program started by Dr. Will Ferguson is an on-going program that is attempting to make EMS continuing education more impactful. The program features physician instructors and is free to EMS providers. The educational philosophy of the program is to provide high-quality classes that are intense and delivered in small doses consistently over the recertification period. Alabama EMS Challenge has learned several key lessons on the design of EMS continuing education over the seven years of its operation. This presentation highlights the importance of EMS continuing education, key lessons learned, the importance of physician involvement, and suggestions for starting a similar program that is tailored to the needs of specific EMS agencies.

PreCon: Pediatric Care Workshop

Presented by Tina & Jon Johnson

Saturday, October 9, 9:00am – 5:00pm | Cost: \$25 (Lunch on your own), 4 CE Hours Spaces are limited.

Lecture: 9 am - 12 pm | Hands-on Small Groups scheduled at 1 pm, 2:30 pm or 4 pm

In the morning, pediatric topics include: Pediatric Patients: Not Just Small Adults, an interactive discussion about the different assessment findings in a pediatric patient vs an adult patient and why we see/do what we do because of those differences and how pediatric patients truly are aliens until approximately 8 years of age; Pediatric Trauma Care: review of trauma as related to pediatric patients and care needed emergently; and Pediatric Medical Emergencies and Clinical Tips: discussions of tips for increasing safety and accuracy with IV/IO insertions, medications, airway management, c-spine control, and general pediatric patient care.

In the afternoon, we will schedule small groups at specific times (1 pm, 2:30 pm or 4 pm) to participate in hands-on Pediatric Simulations: Pediatric Scenarios to help "drive home" the knowledge gained during the classroom time.

Pre-Conference Options

ALL PRECONFERENCE WORKSHOPS REQUIRE PRE-REGISTRATION AS SPOTS ARE LIMITED. **REGISTRATION DEADLINE IS SEPTEMBER 23, 2021, 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.

SUNDAY, OCTOBER 10, 2021

PreCon: Updates in Pediatric Burn Care – Back to Basics

Presented by Dr. Shawn Fagan

Sunday, October 10, 2021, 8:00-11:00 am | Cost: \$25 (no meal included), 3 CE Hours Spaces are limited

This session will go through a pediatric burn scenario while taking you back to the basics of burn care. Come learn about the demographics of burn injury, initial evaluation and management of a pediatric burn patient, the pathophysiology affecting the thermally injured child, the principles and advance techniques behind burn wound closure, and hear about recent advances in scar modulation following thermal injury.

PreCon: Instructor and LMS Update Workshop

Presented by Kelly Joiner and Richard Rhodes

Sunday, October 10, 2021, 8:00-11:00 am | Cost: \$25 (no meal included), 3 CE Hours Spaces are limited

During this workshop, the Office of EMS and Trauma staff will guide you through navigation and utilization of Georgia's EMS license management system (LMS).

We will discuss:

Initial EMS Education program designation

- Clinical Contracts, Medical Director agreements, Locations and site codes

Initial Education Course Request

- Completing an initial education course request, Beginning and Ending rosters, Terminal Competencies and File Review Forms, Psychomotor exams

GEMSIS Elite for students

- Rostering student in GEMSIS ELITE, Creating PCR's for students, Adding vehicles

Continuing Education Request and management

- Completing the course request, Submitting the attendee roster

LMS Profiles for students and current medics

- Using the GA-20xx-xx number to assign students

Application process for Medic applicants

- Medic applications, Criminal fingerprint registration, applicable documents



Conference Day - Sunday, October 10, 2021

OPENING KEYNOTE

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

The Last Lecture: Lessons Learned in Emergency Medicine

Presenter: Russ Brown

Emergency and pre-hospital medicine is a rewarding but challenging profession. It has been said that working in emergency medicine is like reading a bunch of short stories every shift. It allows us a glimpse into the vulnerable lives of people. A glimpse that's often marred with tragedy, heartache, and death. It can take its toll on us as well. This lecture will be a series of lessons learned in medicine. Applicable lessons that will hopefully allow us to take better care of our patients, become better clinicians, and better human beings.

Breakout Sessions

1:45 - 2:45 PM

Educator Track: The Basics of Burns

Dr. Shawn Fagan

This burn session will look at types of burns from 1st-4th degree, emergent treatment of the acutely burned patient, how to calculate TBSA (Total Body Surface Area), and how to identify hypertrophic scarring, it's causes, signs/symptoms and the treatment. This information will be relevant for instructors to go over with their students on a call they don't see all the time.

Provider Track: Pragmatic 12 Lead EKG's

Dr. William Ferguson

The pragmatic EKG interpretation course will cover basic 12-lead/3-lead interpretations in the setting of the symptomatic patient. The course will cover a practical application of current trends in therapy based upon the risk-to-benefit for both the beginner in ACLS care and the experienced provider. The most common pathophysiology of dysrhythmias along with critical/life threatening mimics of common dysrhythmias will be addressed in a practical/easily useable format. "Too Fast, Too Slow, or 'Okay-ish'"

3:30 - 4:30 PM

Educator Track: So, You Want to Be a Medical Educator

Russ Brown

At some point in your career, you may choose to be a medical educator. But having the clinical knowledge and being able to teach are different skill sets. This lecture will cover the basics of being a medical educator. Tips and strategies for dealing with the struggling learner, teaching strategies that are based on cognitive neuroscience, and the one-minute preceptor model of bedside teaching will be explored in detail. Whether you are a seasoned educator or new to teaching this lecture has something for everyone. And with better medical education comes better patient care!

Provider Track: Blunt Cardiac Injury in the Pediatric Trauma Patient

Jon Johnson

Blunt cardiac injury (BCI) in the pediatric trauma patient is a rare occurrence, however it can have detrimental effects. It is important to recognize the anatomical differences that may increase the risk of BCI for children. Mechanism of injury plays an important role in the detection of this type of injury. Through case presentations, the audience will see that there can be a delayed presentation of symptoms related to BCI, therefore they should be suspicious of subtle signs.

Conference Day - Sunday, October 10, 2021

Breakout Sessions

5:00-6:00 PM

Educator Track: Conflict Resolution in and out of the classroom

Daniel Warren

This session will use lecture/discussion and interactive scenarios to present conflict mitigating techniques for use within the classroom as well as outside of the classroom. Role players and attendees will be utilized to ensure skills are presented.

Provider Track: Trauma Resuscitation re-sequenced

Russ Brown

This lecture will cover the logistics and strategies of how to manage a crashing trauma patient using real case scenarios. Learn why blood pressure is not always a good indicator for the crashing patient, team dynamics and how to prepare both cognitively and materially, the predictors of a physiologically difficult airway, and why circulation sometimes comes before airway!

6:00-7:00 PM: A Dialogue with the Office of EMS and Trauma

This will be an informal session to come and meet with Office of EMS and Trauma staff. Want to know more about what's going on at DPH/OEMST? Want to hear more about the EMS strategic plan? Do you have a passion for Georgia's EMS system? If you answered yes to any of these questions, then come have a conversation with the OEMS&T staff and let's push Georgia's EMS system into the future together.

Conference Day - Monday, October 11, 2021

Breakout Sessions

8:15-9:15 AM

Educator Track: Effective Teaching on Shift

Russ Brown

Teaching on shift can be difficult. With the multitude of things that compete for our attention, training and instructing your trainee can be daunting. This lecture will cover a multitude of tips and tricks to maximize your time and get the most of your training. From setting expectations to giving effective feedback to whiteboard teaching and simulation design this lecture will give you the confidence you need to make the most out of your EMS training program and give your learner a solid foundation!

Provider Track: Cardiogenic Shock: The Missing Link

Jason Grady

Cardiogenic shock (CS) mortality can be as high as 50%. Often by the time CS is recognized, even the most aggressive therapies can be futile. When EMS anticipates CS early, begins treatment and transports to a center adept at treating CS, the shock death spiral can be stopped at an appropriate time. When these things do not happen, or inappropriate treatment is given, the mortality rate of CS will be difficult if not impossible to impact. CS is best treated in a true system of care and EMS is the backbone of that system and can make the biggest impact.

9:45-10:45 AM

Educator Track: Setting the Online Environment Up for Engagement

Brittany Prater

Your course's learning management system can be a shining central hub or a virtual dumping ground for your EMS course or training program. During 2020, many of us were forced into online education. In this session, we will discuss best practices for making your online environment conducive to student success, including for 100% face-to-face courses.

Provider Track: Pediatric Trauma: Case studies

Russ Brown

Managing a pediatric trauma call can make even the most seasoned provider nervous. Using real cases, the attendee will have the opportunity to participate in the cases all while learning the latest evidence-based practices in pediatric trauma care.

Conference Day - Monday, October 11, 2021

Breakout Sessions

11:15 AM-12:15 PM

Educator Track: 5 Ways to Enhance Affective Domain Learning in Your Classroom

Travis Howe

As EMS educators, it is easy to focus much of our time on the cognitive and psychomotor domains of learning, but it is our affective lessons that help create emotionally intelligent, professional and humble leaders, who work well with others. This is especially important in a time of such great change and challenges in our field. Join Travis as he outlines 5 successful and impactful affective lessons you can use in your next course.

Provider Track: Dealing with the Law and Lawyers (Without Stress! Ok, Minimal Stress)

Alex Weatherby

Through my work representing injured folks and defending professionals, I have become experienced in legal issues medical professionals regularly face. This includes responding to subpoenas, talking with attorneys, sitting for depositions, and (heaven forbid) testifying in trial. This presentation includes discussion of those items and includes practical tips that can be implemented without stress.

1:30-2:30 PM

Educator Track: Empathy Matters... But Can We Teach it?

Brittany Prater

In this session, we will discuss the science of empathy. We all know that empathy and compassion matter, but what develops (or decreases) our level of empathy as healthcare providers and human beings? And is empathy something that can be taught?

Provider Track: Vascular Zebras

Travis Howe

Some in the medical field have been taught that, "when you hear hoof-beats behind you, don't expect to see a zebra." In other words, look for or expect the more common and usual, not the rare or surprising, diagnosis. The reality is that sometimes when you hear hoof-beats, it is a zebra and you better know how to react. As the husband of a Vascular Ehlers Danlos Syndrome (VEDS,) Travis will give you look at 3 rare vascular diseases and how we can improve our approach as we care for any rare-disease or special needs patient.

3:00-4:00 PM

Educator Track: Transformer 2.0 for EMS Education

Thomas Woodruff

In 2020, the COVID-19 pandemic forced many of us to redefine and restructure our educational institutions. Only innovative organizations that already had the technology tools and resources in place were able to continue to operate. And as the strain on our health care systems continued, we saw clinical sites and student field externship opportunities disappear. How do we continue to train and educate new providers in this new and challenging situation? in this dialogue we discuss technology tools and resources, educational approaches, innovative training methodologies and alternate clinical and field externship options that are necessary to continue to function during a pandemic and beyond.

Provider Track: Pediatric Patients - Are they different from adults?

Tina Johnson

This lecture will review the anatomical and physiological differences between pediatric patients and adult patients. The discussion will highlight the age/size related differences and how that impacts the prehospital assessment and interventions needed for these patients.

Conference Day - Monday, October 11, 2021

Breakout Sessions

4:30-5:30 PM

Educator Track: Active Learning Strategies for the EMS Classroom

Brittany Prater

Active learning has recently become a buzz word in education, but what does it really mean? Is active learning really better or is it just more fun? In this session, we'll explore the science of active learning and discuss easy to implement active learning strategies for your classroom.

Provider Track: WTF: What the Fluid?

Jason Grady and Brandon Carey

Far too often the accepted first line treatment of hypotension and shock is the administration of IV fluids. Understanding how fluids can give perceived short-term gains, but long-term losses will help guide how aggressively to initially treat all forms of shock. As EMS providers, we should treat these critical patients based on the most recent understanding of pathophysiology and evidence-based medicine.

Conference Day - Tuesday, October 12, 2021

General Sessions

8:00 AM: GEMSA Membership Meeting

8:45-9:45 AM: The Lost Art of the Patient Assessment

Dr. N. Allen Stokes

We will review how to perform aspects of the prehospital patient assessment that will influence and guide treatment and clinical decisions. We will include stroke assessments, selective spinal immobilization criteria, traumatic head injury, airway assessment and others. The importance of these assessments is not just knowing them but also understanding how to perform them correctly and use them. The focus will be on how to perform and the practical application of the exams.

10:00-11:00 AM: ECMO: What is it and How Does it Work?

Dr. Allison Dupon

One of the most aggressive and lifesaving interventions that can be performed is extracorporeal membrane oxygenation or ECMO. This escalation of care should be considered as early as the initial patient contact especially with our sickest and most compromised patients. It takes a specialized team of experts to

initiate and manage ECMO patients, however, the recognition of its potential need and destination must happen first. From patients needing veno-venous (VV) ECMO to support lung function to veno-arterial (VA) ECMO taking over heart and lung function to ECMO during cardiac arrest (ECPR), understanding how ECMO works and the patients who can benefit from it is crucial. As ECMO use expands, EMS is more important than ever to initiate the appropriate system of care to treat our sickest patients.

11:15 AM-12:15 PM: Stand Up: Be the Change EMS Needs

Travis Howe

Yes, YOU! Why not? You're at an EMS Conference, which already puts you in an elite group of EMS professionals who take the time to leave their sandbox and invest in themselves and our systems. Regardless of your position or rank, you can be an instrumental voice for EMS within your county, region, state, or country. Maybe you want to have a hand in protocol development, creating sustainable systems, or addressing provider mental health. Or maybe you want to speak about your experiences at the next EMS conference. Whatever your desire, you can do it. Join Travis as he shows you multiple paths to becoming an influential EMS leader and change agent. Be the change you wish to see.

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

SPEAKER BIOGRAPHIES

Russ Brown

Russ Brown is a paramedic and clinical educator for Southlake Fire Department in Southlake, TX. He has published numerous articles in peer reviewed medical journals and EMS trade magazines. A passionate medical educator he frequently lectures at regional, state, and national EMS conferences around the country. He is an adjunct faculty member for the Tarrant County paramedic program in Fort Worth, Texas as well as the founder and lead instructor for Med Inspired LLC and the creator and host of the Med Inspired podcast.



full lung and heart support to some very critically ill patients. She has been the local principal investigator in a nationwide study looking at methods for improving outcomes in patients with cardiogenic shock. This condition has had a worldwide mortality rate of around 50%. In her free time, Dr. Dupont enjoys spending time with her family and their two dogs, traveling, and spending time on Lake Lanier. She also enjoys exercise/fitness, reading, and gardening.

Brandon Carey

Brandon Carey is the paramedicine coordinator and lead instructor for the Lanier Technical College EMS Education Program, located in Gainesville, GA. He also works as a part-time paramedic for a rural ambulance service, White County EMS. Brandon has been in the field of EMS for over 10 years, starting as a volunteer firefighter/EMT-Intermediate in late 2009. Since then, he has worked for a wide variety of EMS/fire services, ranging from urban/metro services to more rural services. Brandon graduated from Lanier Technical College with an Associate's in Paramedicine in 2014. He then graduated with a Bachelor of Science in Emergency Medical Services from the University of South Alabama in 2016. He has a passion for helping students and believes the future of EMS is found in the highest quality initial and continuing education. His interests include music, writing, mixed martial arts, and spending time with his wife, Susanna.



Shawn Fagan, M.D., FACS

Dr. Shawn P. Fagan graduated from the Baylor College of Medicine in 1994, where he also completed both his general surgery residency and a two-year basic science research fellowship in pancreatic islet cell physiology. He joined the Michael E. DeBakey Department of Surgery at Baylor College of Medicine in 2001. In 2005, Dr. Fagan sought additional subspecialty training in the field of surgical critical care under the supervision at the University of Texas Medical Branch at Galveston and Shriners' Burn Hospital for Children. He was recruited to the team at Sumner Redstone Burn Center at Massachusetts General Hospital and Shriners' Burn Hospital for Children in Boston in 2006. Shortly after, he was named the Medical Director of both burn centers. In 2015, he was recruited to join the physicians at the Joseph M. Still Burn Center at Doctors Hospital in Augusta, GA. He currently serves as a burn surgeon, critical care intensivist and Chief Medical Officer.



Allison Dupont, MD, FSCAI, FACC

Dr. Allison Dupont's patients drive her passion for interventional cardiology. She treats every patient in her care as a family member, and she works with them on how best to reduce their future risk of cardiovascular disease. Dr. Dupont is a board-certified cardiologist in interventional cardiology and cardiovascular disease. She has a clinical interest in minimally invasive structural procedures including MitraClip and Watchman, and in catheterization techniques that help reduce complications in high-risk patients. Dr. Dupont has extensive experience in caring for critical cardiac patients, including being one of the leaders developing the ECMO (Extracorporeal Membrane Oxygenation) program at Northside Hospital, which will provide state-of-the-art technology giving



William Ferguson, M.D.

Dr. William Ferguson started his career at Charity Hospital of New Orleans in 1993. After almost 14 years in Emergency Care, including flight nursing, he transitioned into Emergency Medicine. He is Director of the Office of EMS at UAB. However, most of his time is spent in EMS education. He runs a free program, Alabama EMS Challenge, that provides bi-monthly education to paramedics including annual cadaver labs. He is the Medical Director for the Birmingham Regional EMS System, which has an annual call volume of almost 200,000 and speaks locally, regionally, and nationally on EMS topics.



SPEAKER BIOGRAPHIES

Jason Grady

Jason Grady is the system manager of emergency cardiac care for Northside Hospital. He obtained his paramedic technology degree from Texas Tech University Health Sciences Center in 1997 and is also an adjunct EMS educator at Lanier Technical College. Jason coordinates the care, data, and reporting of patients with STEMI, out of hospital cardiac arrest and cardiogenic shock from first medical contact to definitive treatment. He has been involved in implementing and coordinating one of the largest, most comprehensive STEMI/OHCA systems in the country. His interests include STEMI, shock, and resuscitation science. Jason and his wife Juley are the parents of eight children.



Travis Howe

Travis Howe is an emergency services executive, speaker, educator, and advocate from upstate New York. He is the Executive Director of Mountain Lakes Regional EMS Council, and a Deputy EMS Coordinator for the Warren County Office of Emergency Services. Travis possesses 22 years of leadership experience in the volunteer and career sectors of EMS and 14 years of experience in the volunteer fire service. He currently volunteers his time as the New York Assistant Advocacy Coordinator for NAEMT and is the owner of Emergency Management Matters, LLC, an emergency services consulting, planning, and conference management business.



Jon Johnson

Jon has over 20 years serving the EMS community. He holds a Paramedic Diploma from Louisiana Technical College, a Bachelor of Science in Nursing from Northwestern State University, and a Master's in Business Administration from Louisiana State University. His current role, Trauma Outreach Coordinator for Children's Healthcare of Atlanta, provides him the opportunity to interface with a multitude of different agencies that transport pediatric patients in to the two Pediatric Trauma Centers in the Atlanta area. He has experience as a Flight Nurse in both Fixed wing and Rotor wing platforms. Jon is an author and contributor for the Transport Provider Advanced Trauma Course and the Air and Surface Patient Transport: Principles and Practices book. Jon continues to serve his community as a volunteer firefighter for North Jackson Fire Services, as a Paramedic for Jackson County Emergency Services, and is a member of the Georgia EMS Advisory Council.



Tina Johnson

Tina Johnson started as an Emergency Department Nurse in 1992. She then expanded into a Pediatric Emergency Department role in 1995 to broaden her knowledge base. She then began her first flight job in 1999 in Atlanta. Since that time Tina has worked with multiple prehospital and critical care transport teams around the country in multiple roles. She is heavily involved in ASTNA and completed a Board of Director at large position as well as three years as ASTNA President. She continues to function as the Regional Director for TPATC. Tina is involved in teaching other educational sources such as AHA classes, STN classes, ENA classes, ASTNA classes, and GTC/GEMSA Trauma Labs. She continues to work as a pediatric/neonatal transport clinician while transitioning into a PI/Stroke Coordinator role.



Kelly Joiner

Kelly Joiner is the Deputy Director for the Department of Public Health, Office of EMS and Trauma. Kelly began her EMS career in 1991 and started as an EMT obtaining her paramedic license within a few years. Kelly has worked in the pre-hospital setting of rural Georgia to the pre-hospital setting of urban Georgia. During her EMS career, Kelly has served as a field medic, a field training officer, a supply officer, a QA/QI coordinator, a clinical educator, EMT program lead instructor, and an EMS assistant director. Kelly has served on several task forces and committees across Georgia, is a past board member for the Georgia EMS Association and is an active committee member of the National Association of State EMS Officials.



Brittany Prater, NRP, BS.Ed, NCEE

Brittany Prater is a paramedic and lead EMS faculty at Calhoun Community College in Decatur, AL. She holds a bachelor's degree in education with an emphasis in instructional design. Brittany is a certified EMS instructor and a Nationally Certified EMS Educator through NEMSEC/NAEMSE. She serves as the primary instructor of many courses at both the EMT and paramedic level and has taught EMS courses in both traditional and dual-enrollment classrooms. Her areas of interest include non-traditional, student-centered learning and the use of simulation in medical education.



SPEAKER BIOGRAPHIES

Richard Rhodes

Richard Rhodes is an avid clinician actively involved in pre-hospital medicine and education across the state and nation. Richard has been involved in Public Safety since 2003 where he began as a FireFighter and now serves as a volunteer Fire Chief. Richard has served in various roles throughout his career from Paramedic to Training Officer, and in initial education as a Paramedic Program Director. Richard has served as a Regional Training Coordinator since 2019 and as State Training Coordinator since 2020.



Kenneth "Daniel" Warren

Daniel Warren is the Region 8 EMS Director for the Office of EMS and Trauma. He has worked in EMS and fire for more than 15 years. He has worked as a firefighter, a paramedic, and a flight paramedic. He has served in the county, hospital, and private sector as a paramedic on a ground ambulance and an air ambulance. He has served as a GEMSA board member during his EMS career. Previously, Daniel was instrumental in the development and delivery of the STEMI System Development grant with the State Office of Rural Health and GEMSA and delivered this information and education to almost 3,000 healthcare providers throughout Georgia. Daniel has a passion for EMS and education.



Nathan Allen Stokes, MD, NRP, FACEP

Dr. N. Allen 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 Air Evac LifeTeam (Georgia). He is an at-large member of the Region 5 EMS Council and is a practicing emergency physician at Navicent health. 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.



Alex Weatherby

Alex Weatherby is a personal injury lawyer in Atlanta, Georgia. He makes lives better with honor, efficiency, and effectiveness. He specializes in catastrophic injury, truck accidents, and professional malpractice. Alex recovers millions of dollars for genuinely injured folks, and he defends honorable companies. Recently, he was a lead attorney in a wrongful death trial that resulted in a verdict in excess of \$27,000,000, which was one of the Top 20 verdicts in the nation for 2018. Alex went to University of Georgia for law school and Samford University for undergrad.



William "Wes" Ward

Battalion Chief Ward currently works full-time as the Director of EMS for Center Point Fire District. He worked as a firefighter/paramedic for the Birmingham Fire and Rescue Service from 1994 until his retirement in 2014. Wes has also worked as a part-time EMS Instructor for Jefferson State Community College since 2007. He also is the administrator for the Alabama EMS Challenge, which is an Alabama Fire College program that brings high-quality, physician-led continuing education to paramedics in Alabama. Wes holds a Master of Public Administration degree and is currently working toward his PhD.



Thomas Frank Woodruff Jr.

Thomas retired from the Douglas County Fire Department as a firefighter and critical care paramedic after 28 years serving the community. His background includes management positions in private sector EMS for 13 years. He has been in training/educator positions throughout his career, as well as EMS operations, service delivery, CQI, and human resources. He is the founder and executive director of Faithful Guardian Training Center, where they provide initial and continuing education for EMTs, paramedics, firefighters, and law enforcement. With a focus on program advancement, curriculum development, workforce recruitment, and generational learning within a "student centered" educational environment, he works to create a value-added vision to every project.

