

11th Annual EMS-C Conference Agenda

The Heart of the Matter

Wednesday, May 19, 2021

J. Harold Harrison Education Commons
1301 R. A. Dent Blvd. Augusta, GA 30901

Morning Conference

Main Floor, Theater 1220

- 7:30 - 8:00 AM **Conference Registration for in-person participants (breakfast provided)**
- 8:00 - 8:15 AM **Introduction and Updates in EMS-Children**
Natalie Lane, MD
- 8:20 - 9:00 AM **Multisystem Inflammatory Syndrome in Children**
Pushpa Shivaram, MD
- 9:05 - 9:45 AM **Hypoplastic Left Heart Syndrome: Post-operative Presentation and Complication of Palliative Correction**
James St. Louis, MD

Break

9:45 to 10:00 AM

Track I: Critical Care Nursing/Transport

3rd Floor, Simulation Center Classroom

Track II: EMS/Fire

Main Floor, Theater 1220 A

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| 10:00 - 10:30 AM | EKG Findings: When the Funny Looking EKG Requires Intervention
Khyati Pandya, MD | My Heart Hurts!
Christa Martin, DO, PEM Fellow |
| 10:35 - 11:05 AM | Acquired Pediatric Heart Disease: Don't Miss it!
Aimee Baer Ellington, MD | The Many Faces of Syncope in Children
Wajeeha Saeed, MD, PEM Fellow |
| 11:10 - 11:40 AM | When Recreational Ingestants & Inhalants Turn Deadly
Bradley Golden, DO | Penetrating Trauma: When Stable Goes Bad
Walter Pipkin, MD |
| 11:45AM - 12:15 PM | The Ps in Pediatric Trauma: Prep, Pearls, Pitfalls, and Packaging the Pediatric Trauma Patient
Zachary Lancaster, EMT-P | The Importance of Weight Based Dosing
Cindy Blystone, NRP, CCEMTP |

Lunch

12:15 to 12:45 PM
Main Floor Lobby

Afternoon Conference

Main Floor, Theater 1220

- 12:45 - 1:15 PM **Improving Outcomes in Out of Hospital Cardiac Arrest in the Pediatric Population**
John Kelley, Paramedic
- 1:20 - 1:50 PM **Post Resuscitation Care Following Cardiac Arrest**
Jason Herold, RN

Break to Simulation & Procedure Venues

1:50 to 2:00 PM

Simulation & Procedures

3rd Floor, Simulation Center

2:00 - 5:00 PM
(20 minutes each)

Simulation Sessions:

- Pediatric Cardiac Arrest
- Arrhythmias #1
- Arrhythmias #2
- Traumatic Chest Trauma
- Infant Scenario
- Acquired Heart Diseases

Procedure Lines:

- Non-invasive Airway & Ventilation
- Invasive Airway and Ventilation
- Medication Administration
- IO Station

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Presenters



Natalie Lane, MD

Dr. Natalie E. Lane is a Professor at Augusta University in Pediatric Emergency Medicine. She serves in a number of administrative roles within the Department of Emergency Medicine and Augusta University. She has additionally served for almost a quarter of a century in some capacity related to Emergency Medical Services for Children. She serves regionally as chair of the Emergency Medical Services for Children Committee of the Region VI EMS Advisory Council and was recently made chair of the EMS-Children committee for the Georgia State EMS Advisory Council (EMSAC). She looks forward to the success of the Peds Champ and Pediatric Medical Recognition Programs that are actively dedicated to improving the emergency care of children in the state of Georgia. Her academic interests include, pediatric disaster preparedness and pediatric pre-hospital care.



Pushpa Shivaram, MD

Dr. Shivaram is an Assistant Professor of pediatric cardiology in the Department of pediatrics and currently Associate program director for pediatric cardiology fellowship program. She will be taking the role of program director starting July 2021. Dr. Shivaram did her medical schooling in India and also completed pediatric residency from India. Subsequently, she completed pediatric residency from Marshfield Clinic, Wisconsin and pediatric cardiology fellowship from University of Arkansas medical sciences. Her clinical interests include preventive cardiology such as hypertension, hyperlipidemia and metabolic syndromes and also to utilize advanced cardiac imaging such as echocardiograms and cardiac MRI for the diagnoses and management of preventable pediatric cardiac diseases. With the onset of Covid-19, she also became extremely interested in knowing the natural history of Covid associated multisystem inflammatory syndrome in children which is similar to Kawasaki's disease. Currently her research projects include industry sponsored clinical trial for the use of contrast agents in pediatric echocardiography, fetal echocardiography, Appropriate Use Criteria for the evaluation of pediatric hypertension and also point-of-care ultrasound in screening athletes for hypertrophic cardiomyopathy.



James St. Louis, MD

Dr. St. Louis currently the Chief of Pediatric and Congenital Heart Surgery at the Children's Hospital of Georgia at Augusta University. He holds the J. Harold Harrison Endowed Chair of Surgery and Co-director of the Pediatric and Congenital Heart Program. After completing medical school at Georgetown University School of Medicine, he accepted a cardiothoracic residency at Duke University under Dr. David Sabiston. With completion of his general surgery and adult cardiothoracic surgery, he did a one-year fellowship in neonatal and pediatric cardiac surgery at Children's Mercy Hospital in Kansas City, Missouri. Before arriving at the Children's Hospital of Georgia, Dr. St. Louis was the Surgical Director of pediatric heart transplantation and circulatory mechanical assist program at Children's Mercy Hospital. He has been a practicing congenital heart surgery for the last twenty years. His most recent academic efforts have focused on international outcomes of congenital heart surgery, which has afforded him over 50 podium presentations across the globe over the last 5 years. He serves on the Governing Council of the World Society for Pediatric and Congenital Heart Surgery and Co-chair of the World Database for Pediatric and Congenital Heart Surgery. Dr. St. Louis is a member of the STS, AATS, CHSS, ECHSA, servicing on multiple committees and taskforces within these societies. He also serves on the database and program committees for the Pediatric Cardiac Care Consortium (PC4) and associated editor for Cardiology in the Young. Dr. St. Louis currently lives in Augusta Georgia with his wife and one of four children.



Khyati Pandya, MD

Dr. Pandya is the director of pediatric and congenital electrophysiology affiliated to the Children's Hospital of Georgia, Augusta, GA as an associate professor in the department of pediatrics, division of cardiology. She is pioneering the initiation of a brand new congenital electrophysiology program at this institution and also, a brand new adult congenital heart disease program. Prior to this, Dr. Pandya was affiliated as a pediatric electrophysiologist to the Batson Children's Hospital, University of Mississippi Medical Center, Jackson, MS for a little over four and a half years. She completed her medical school in Mumbai, India. Thereafter she is trained in Pediatrics (Grant Medical College, Mumbai, India) followed by Cardiology (Southern Railways Hospital, Chennai, India) and practiced cardiology at the renowned, national level institute, JIPMER institute in Pondicherry, India, before coming to the US in 2006. She went through training in Pediatrics (Michigan State University, Lansing, MI) followed by Pediatric Cardiology (Rainbow Babies and Children's Hospital/ Case Western Reserve University, Cleveland, OH) followed by an additional year of training in pediatric electrophysiology at the Hospital for Sick Children, Toronto, Canada. As an electrophysiologist, she is proficient in performing most invasive EP procedures, commonly performed in children and adults with congenital heart disease, such as radiofrequency and cryoablations for most types of arrhythmias, implanting loop recorders, pacemakers and defibrillators. She is board certified in pediatric cardiology and adult congenital heart disease. Dr. Pandya's clinical and research interests comprise sudden arrhythmic death syndromes and innovative techniques for complex ablations.



Christa Martin, DO, PEM Fellow

Dr. Martin is a third year Pediatric Emergency Medicine Fellow at the medical College of Georgia. Her academic interests include simulation, graduate medical education teaching, and telemedicine. When able, she enjoys spending time with her daughter, Finnley, 7 months, husband Forrest, and best friend, Parker.



Aimee Baer Ellington, MD

I am from Marietta, GA and completed medical school at MCG, pediatric residency at Emory University and then came back to Augusta University for a Pediatric Emergency Medicine fellowship. I additionally completed one year in a clinical ultrasound fellowship. My academic interest includes clinical ultrasound, student and fellow education with a focus in procedures and quality improvement.



Wajeeha Saeed, MD, PEM Fellow

Dr. Wajeeha Saeed is a 3rd year Pediatric Emergency Medicine Fellow at Augusta University. She is currently an Administrative Chief and co-organizer for EMSC Conference.



Bradley Golden, DO

As a native Texan Bradley started his medical career in the emergency medicine services at the age of 17, volunteering for his city's EMS. Bradley graduated with a Bachelor's of Science in Nursing with high honors from Texas Tech University Health Sciences Center and worked as a registered nurse in the Emergency Department for 5 years. While working as a nurse, he became passionate about education and taught as a faculty associate for the Texas Tech University School of Nursing. In 2015 he graduated with a Doctor of Osteopathic Medicine from the University of New England College of Osteopathic Medicine in Biddeford, Maine. Bradley completed his Emergency Medicine residency at Conemaugh Memorial Medical Center in Johnstown, PA. After completing an EMS fellowship at the Medical College of Georgia, he stayed on as a faculty member.

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Walter Pipkin, MD

Dr. Pipkin is from St. Simons Island, Georgia. He graduated Summa Cum Laude from the University of Georgia in 1993. He attended the Medical College of Georgia for medical school and General Surgery and graduated in 2003. His Pediatric Surgery Fellowship was completed at University of Alabama at Birmingham in 2005. At UAB he trained under Dr. Georgeson who is regarded as one of the forefathers of minimally invasive surgery in children. Dr. Pipkin has over fifty

publications and abstracts. He has numerous teaching awards and is a recipient of the Gold Humanism Award. He is Chief of Pediatric Surgery at MCG and is the Surgeon in Chief of the Children's Hospital of Georgia.



Zachary Lancaster, EMT-P

Zachary Lancaster is the Program Director for the AU Health AirCare Helicopter program at Augusta University. Graduated from Clemson University with a degree in Public Health-Epidemiology and from University of Alabama Birmingham with a degree in Nursing. His experience includes being an ER/Trauma nurse for 10 years. He is a dual rolled Flight/Nurse Paramedic and has been flying for the last 7 years. He spent 1 year doing fixed wing transports for University of Alabama-

Birmingham Critical Care Transport Team. The last 6 have been working as on rotor wing operations for LifeSaver of Alabama and AirLife Georgia. He currently holds specialty certifications from the BCEN in Emergency Medicine, Trauma Care, and Flight. Currently working on bringing advanced procedures to the HEMS environment with AU Health AirCare.



Cindy Blystone, NRP, CCEMTP

Cindy Blystone is the Quality Manager and Infection Control Officer from Aiken County EMS. She has spent her career in working in EMS. She has spent over a decade as a Training Officer. She enjoys teaching the Handtevy method to help providers have less fear of working pediatric cardiac arrests and more confidence in pediatric drug dosing. She is a lifelong resident of Aiken, South Carolina. She spends her life with her family, friends, dog and garden.



John Kelley, Paramedic

John Kelley is a Paramedic Instructor at Atlanta Technical College and Grady's EMS Academy. In these positions, he teaches all levels of EMS provider courses, oversees the clinical contracts and scheduling, and provides consultation for the oversight for the AHA Training Site at Grady's EMS Academy. His desire in the classroom setting is to inspire students to strive to be the best providers they can be and encourages them to never stop learning. Kelley is passionate about resuscitation

and runs his own company that teaches the science behind the standards that develop the American Heart Association life support courses as well as these life support courses. Within the year 2018, Kelley taught over 1,000 healthcare providers the Pediatric Advanced Life Support course along with 6 Pediatric Advanced Life Support Instructor courses.

Over three decades, his career spanned experience as a paramedic in flight, fire, and EMS services. Kelley has a deep appreciation for what new students experience as well as highly seasoned medics. He builds on this experience to bring instruction that is relatable and relative to all his students. He has always been dedicated to improving patient care for the organizations he too belongs to along with the colleagues he teaches in all levels of healthcare providers. As staff in the ER at Atlanta Medical Center, Kelley has vast experience in hospital and prehospital emergency care.

Although a native to Rhode Island, Kelley has spent most of his childhood and adult life in DeKalb County, Georgia. In 1988, Kelley was hired by DeKalb County EMS and then to Fire-Rescue departments. He has said it is the greatest joy to give back to your neighbors. Today, Kelley is retired from DeKalb County but continues to shape EMS by instructing students of the programs at Atlanta Area Technical College and Grady EMS Academy.



Jason Herold, RN

21 years of nursing all of which is in the critical care setting. Specifically, Emergency department, flight nurse, Pediatric critical care ICU, Pediatric critical care transport, Pediatric ECMO Specialist. Currently I am the Pediatric Critical Care Transport/ECMO coordinator. Have a Master's in nursing education with certifications as Pediatric CCRN and neonatal and pediatric transport. Married with 4 teen age children.

Special Thanks!



Children's
HOSPITAL OF GEORGIA
AUGUSTA UNIVERSITY

Pediatric Trauma

