**GENERAL SESSION “A”**

**Critical Care Tract**

*Interactive 12 lead Recognition and Management (ALS-73/BLS-05)*
Instructor: William Brady, MD

This lecture will examine the cardiac patient through a series of case studies and discussions. The presentation will study several high-risk cardiac patients and their ECG tracings for abnormalities and clues to help with diagnosis. Reviews on anatomy and pathophysiology will be discussed as well as management and transport considerations for the acute cardiac patient.

**Care of the Spine Injured Athlete (ALS-80/BLS-04)**
Instructor: Kori Hudson, MD

This presentation describes the unique features and mechanisms of sports related spine injuries. The types of athletic equipment and environments are also discussed. Proper egress, transport, and management of athletic spine injuries are outlined.

**Recognition & Management of Pediatric Shock (ALS-86/BLS-08)**
Instructor: Dusty Lynn, RN

This presentation presents an overview of pediatric shock, a leading cause of mortality and morbidity in children. The lecture explores the four major types of shock in the pediatric population, appropriate assessment of the child in shock and the implementation of proper treatment modalities is described.

**New Regulations & Safety Standards in the Transport Environment (CAT 2)**
Instructor: Michael Berg, NRP

This presentation focuses on provider safety in the ambulance environment. Providers will examine the research behind current changes in EMS safety standards and transport vehicle design. Additional discussions will be on the history of ambulance standards and how learning from our past can result in a culture change surrounding EMS safety.

**GENERAL SESSION “B”**

*Critical Care Tract*

*Trends in Sepsis Management (ALS-89/BLS-05)*
Instructor: Robert Knox, RN

This presentation reviews the pathophysiology of sepsis and septic shock. Diagnosis of sepsis and septic shock utilizing specific clinical parameters is discussed. Utilization of current treatment modalities and goal directed therapy will be described. The presentation will also address new treatment trends and future therapies.

**Interactive Blast Injuries (ALS-83/BLS-04)**
Instructor: Jeffery Ferguson, MD

This didactic lecture will provide an overview on blast injuries. Provider will be lead in discussions regarding the pathophysiology and possible complications surrounding patients who have injures caused by various types of blast and explosive events.

**Management of Near Drowning (ALS-77/BLS-05)**
Instructor: Robin Clark, NRP

This lecture will dive into the assessment and treatment of drowning patients. Providers will examine rescue considerations as well as the anatomy and physiology of patients suffering from drowning and near drowning.

**Pediatric Respiratory Illnesses and Their Management (ALS-85/BLS-08)**
Instructor: Melissa Sacco, S.C.

We are often faced with the challenges of responding to pediatric emergencies as an industry overall. During this lecture Dr. Sacco will bring to light many pediatric respiratory emergencies, treatments and general approach associated with these emergenies.

**GENERAL SESSION “C”**

*Critical Care Tract*

*Tunnel Vision: Management of the Complex Airway (ALS-85/BLS-05)*
Instructor: Brad Garmon, NRP

This presentation will focus on the complexities that arise surrounding difficult intubations. Discussions will concentrate on the tenues states of patients who are suffering from various respiratory emergencies instead of the synonymous traumatic causes of difficult airways. Case studies will be examined with the goal of increasing the understanding the big picture surrounding RSI and post intubation management.

**Management of Electrical Injuries (ALS-90/BLS-04)**
Instructor: Jeffery Ferguson, MD

This presentation will focus on the treatment, assessment, and management of patients injured by various forms of electric- ity. Discussions regarding the injury patterns and complication surrounding direct contact with various electrical sources will be presented. An overview on lightning strikes and their potential to cause various conditions will also be discussed.

**Post Stabilization of the Newborn (ALS-91/BLS-08)**
Instructor: Anix Paget-Brown, MD

This lecture provides an overview of common diseases seen in the perinatal period through the first 14 days of life. Discussion of common cardiac, respiratory, and glucose issues will be described, as well as high risk perinatal factors. Treatment goals and thera- pies for these neonatal patients will be outlined.

**Adult Pulmonology & Respiratory Emergencies (ALS-88/BLS-05)**
Instructor: Kyle Enfield, MD

This lecture discusses common adult respiratory pathology and associated treatment modalities associated with these emergenies. This lecture will also discuss common interventional trends associated with pulmonology of such disease processes.

**SCHEDULE**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>0800 – 0900</td>
<td>Registration</td>
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<tr>
<td>0900 – 1015</td>
<td>Opening Remarks, Robert E. O’Connor, MD</td>
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<tr>
<td>0900 – 0915</td>
<td>Emerging Illicit Drug Trends</td>
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<td>1030 – 1050</td>
<td>General Sessions</td>
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<td>1050 – 1150</td>
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<td>1150 – 1250</td>
<td>LUNCH</td>
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<td>1200 – 1400</td>
<td>Emergency Management- LIVE</td>
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<td>1445 – 1545</td>
<td>General Sessions</td>
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<td>1545 – 1605</td>
<td>BREAK</td>
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<td>1605 – 1705</td>
<td>Stroke Management</td>
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<tr>
<td>1705 – 1730</td>
<td>Closing Comments/ Wrap-up</td>
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**REGISTRATION AND FEES**

We are pleased to provide you with an interesting program, lunch and snacks for just $40.00. Please register early. The first 200 registrations will receive a commemorative T-shirt. The deadline for registration is April 1, 2016.

This year registration is online only.

Go to www.UVAPEGASUS.com

Registration will be accepted at the door. However, commemorative T-shirts may not be available.

For Registration questions:

Contact Andrew Fletcher at ADF2X@virginia.edu

**CANCELLATIONS**

Cancellations received after April 1, 2016 will result in forfeiture of all registration fees. Substitutions will be accepted although certificates may not be available.

"The staff of Pegasus is proud to present Critical Response ’16.
This is the 24th annual conference hosted by Pegasus. We would like to thank our guest speakers who have so graciously volunteered their time and talent.

Sponsored by:

SevenBar Aviation

Pre-Hospital Continuing Education Credit Hours have been applied for from the Virginia Office of Emergency Services.

This activity has been submitted to the Emergency Nurses Association for approval to award contact hours. The Emergency Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

**UVA Pegasus Medical Transport Network**

3852 Dickerson Road, Suite 200
Charlottesville, VA 22911
Ph: 434.297.7081

**Critical Response’16**

AUGUST 16

VA Hospital System
VA Health System

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