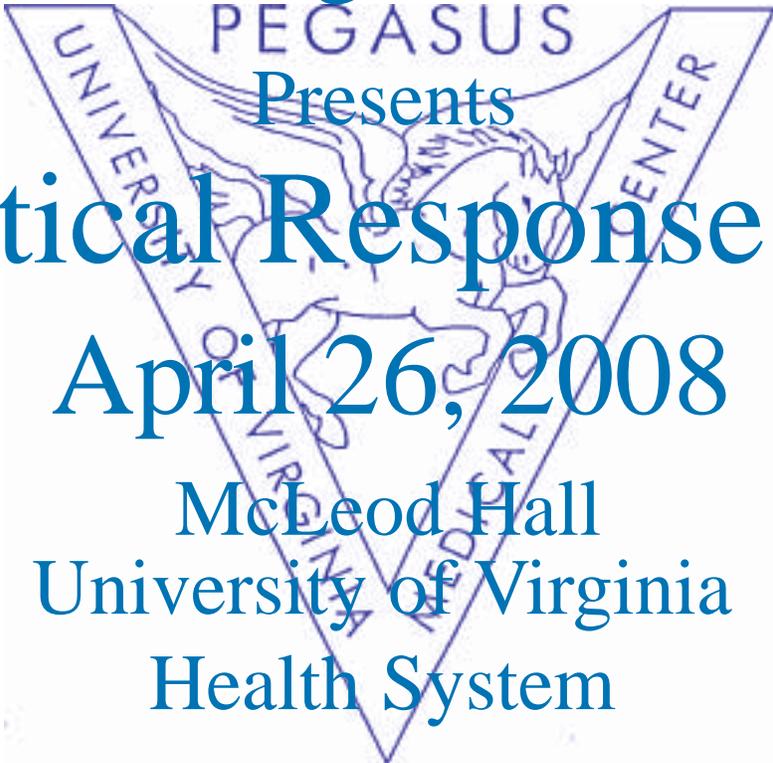




University of Virginia
Pegasus
200 Bowen Loop Suite 100
Charlottesville, VA 22911

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This Brochure can be downloaded from the educational section of the Pegasus web site: www.uvapegusus.com



Pegasus
PEGASUS
Presents
Critical Response '08
April 26, 2008
McLeod Hall
University of Virginia
Health System

General Sessions

Emergency Management of Traumatic Brain Injury: *J. Forrest Calland, MD, Assistant Professor of Surgery, University of Virginia Health System:* This presentation will focus on the initial stabilization and treatment of the patient with a traumatic brain injury. The lecture will describe management strategies for increased intracranial pressure and appropriate ventilation.

Case Studies in CPR: the Science of Resuscitation: *Robert O'Connor, MD, MPH, Chair, Department of Emergency Medicine, University of Virginia Health System :* This presentation will utilize case studies to illustrate how the proper use of basic and advanced life support guidelines can affect patient outcomes. This lecture will review the science and research that influenced the recent changes made to basic and advanced life support.

The Virginia Tech Mass Casualty Incident: Why Pre-planning Works: *Taylor Alvis, EMT-E, Virginia Tech Rescue Squad Alumni:* This presentation will discuss the tragic multiple shootings that occurred on the Virginia Tech campus. What constitutes an MCI and the general phases of such an incident will be described. The success of EMS operations on that day was directly attributable to the existence of an incident plan and the consistent training of the responders. This session will cover how the response was coordinated and key points in creating an incident plan for your organization



Critical Care Session

This series of lectures is designed for participants seeking Critical Care knowledge for personal growth or recertification CE's for FP-C, CCEMT-P, CCRN, CEN or CFRN.

*This lecture series is reserved for the first 50 ALS registrants

Case Review in Critical Care Toxicology: *Christopher P. Holstege, MD, Director, Division of Medical Toxicology, University of Virginia Health System:* This presentation will utilize actual case presentations of toxicology in the critical care setting. The lecture will review common drugs of abuse and the clinical syndromes associated with their use. The lecture will emphasize methods of caring for these patients in the intensive care setting.

The Nuts and Bolts of Pancreatitis: *Vanessa M. Shami, MD, Director, Department of Endosonography, University of Virginia Health System:* This presentation will explore the pathophysiology of pancreatitis. The lecture will detail common signs and symptoms of the disease and its clinical presentation. Methods of caring for the patient with pancreatitis will be explored.

Management of Pulmonary Hypertension

Ajeet G. Vinayak, MD, Medical Director, Porter Medical ICU, University of Virginia Health System: This presentation will describe the pathophysiology of pulmonary hypertension. Differences between primary and secondary pulmonary hypertension will be explored. Clinical indicators for pharmacologic treatment as a bridge to lung transplantation will be described.

Breakout Sessions

Downed Aircraft Operations: *Errol P. Bodin, ATP, CFI, CFII, Helicopter Pilot, Pegasus Flight Operations:* This presentation will describe methods for locating and working around a downed aircraft. Emphasis will be placed on how to approach an aircraft after it has made a hard landing and how to proceed with rescue operations and preservation of the scene. Hazardous components of an aircraft will be discussed. This lecture will be of interest for those involved in extrication.



Thoracic Trauma in the Adult Patient: *Wes Chasteen, FP-C, CCEMT-P, NREMT-P, Flight Paramedic, PHI Air Medical of Kentucky:* This presentation will focus on caring for the patient with a thoracic injury. Comparisons will be made between blunt and penetrating injuries and the care involved with each. Common findings related to radiographic studies will be discussed as well.

Lethal Heart Blocks: *David Grimsley, FP-C, CCEMT-P, NREMT-P, AS, Flight Paramedic, Pegasus Flight Operations:* This presentation will identify common types of heart block and the physiologic consequences of each type. EKG findings associated with infranodal, bundle branch, and bifascicular blocks will be described. Treatment of these blocks will be discussed.

Assessment of Heart and Lung Sounds Using the SimMan Manequin: *Lewis Jenkins, NREMT-P, Director of Emergency Medical Services, Madison County, Virginia:* This presentation incorporates both lecture and hands-on practical exercises using an advanced patient simulator to



assess normal and abnormal heart and lungs sounds. This course is designed for inexperienced healthcare providers or those wishing to refresh their auscultation skills. Each session limited to 12 people.

Brain Teasers: Complex Neurological Case Studies

Dea Mahanes, RN, MSN, CCRN, CNRN, CCNS, Neurocritical Care Clinical Nurse Specialist University of Virginia Health System: This presentation will utilize actual case studies to illustrate a variety of neurological insults. The lecture will emphasize three main types of cases: cerebrovascular, neuroinfectious, and neuromuscular. The presentation will focus on rapid assessment and treatment of these types of patients.

Breakout Sessions

Medication Assisted Intubation: A Literature Review and Evidence Based Guidelines

Robert Mayberry, RN, EMT-P, Flight Nurse, West Michigan Air Care: This presentation will describe the Medication Assisted Intubation Project. The methods and relevant literature related to emergency intubation medications will be discussed. A set of evidence-based guidelines for use of sedatives, analgesics, neuromuscular blockers and other adjunctive drugs utilized during endotracheal intubation will be offered.

Surgical Management of Congenital Malformations of the Gastrointestinal

System: Eugene D. McGahren, MD, Assistant Professor of Pediatric Surgery, University of Virginia Health System: This presentation will identify commonly encountered congenital defects of the gastrointestinal tract in children. The lecture will describe the presentation of abnormalities such as diaphragmatic hernia, gastroschisis, and esophageal atresia. The discussion will focus on preoperative care and surgical intervention in this pediatric population.



Understanding the Left Ventricular Assist

Device: J. Blee Moffett, RN, NREMT-P,

Clinician II, Coronary Care Unit, University of Virginia Health System: This presentation will focus on the usage of the left ventricular device in the hospital and home setting. The discussion will describe how the left ventricular device functions and what steps to take to keep it operational in the event of a power failure. The risks and benefits of the device will also be identified.

Patient Monitoring with Continuous Capnography: Debra Perina, MD, Director

Prehospital Care Division, University of Virginia Health System: This presentation describes the clinical applications for capnography as an adjunct to proper ventilation. The lecture identifies various devices used to monitor end tidal carbon dioxide and methods for maintaining proper levels. The presentation will also describe how capnography waveforms can assist in verifying ineffective ventilation.

Pediatric Status Epilepticus: Patricia D. Scherrer, MD, Assistant Professor, Department of

Pediatrics, University of Virginia Health System: This presentation will focus on the care of children in status epilepticus. The lecture will describe the pathophysiology of status epilepticus and appropriate management of it. Particular emphasis will be placed on the detrimental effects that uncontrolled seizures can have on the development of the pediatric population.

*McLeod Hall Auditorium has a high capacity air exchange system.
We recommend a light jacket or sweater for all who attend.*

Registration and Fees

Registration is limited to 300 participants. We are pleased to provide you with an interesting program, lunch, snacks, a commemorative T-shirt and portfolio for only \$20.00. Please register early.

The deadline for registration is April 18, 2008.

Directions

From I-64 take Rt. 29 North and follow the hospital signs to Jefferson Park Ave. (JPA) and then right onto Lee Street and park in either of the parking garages.

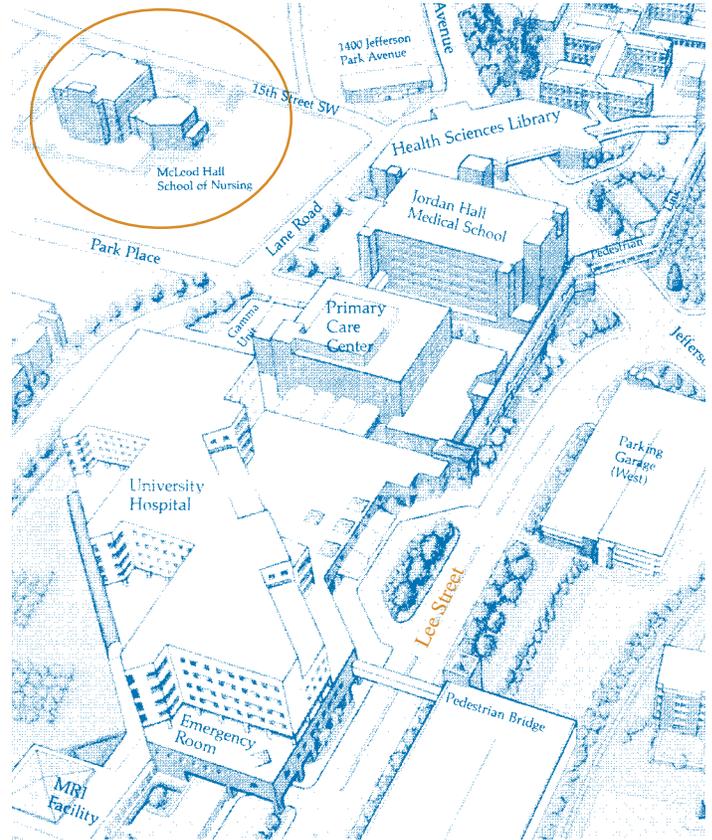
Coming South Rt. 29 follow the hospital signs to Jefferson Park Ave. (JPA) and then right onto Lee Street and park in either of the parking garages.

Parking

Free parking is available in the twin garages. The lot next to McLeod Hall has been reserved for the caterer's vehicles. McLeod Hall (shown on the map) is located one block behind the Primary Care Center.

Cancellations

Cancellations received after **April 18, 2008** will result in forfeiture of all registration fees. Substitutions will be accepted although certificates may not be available.



A registration confirmation will be returned to you.

For information call **434-978-4426**

Nursing and Pre-hospital Continuing Education Credits have been applied for from The Air and Surface Transport Nurses Association and Virginia Office of Emergency Services

Cut Here-----Photocopied forms accepted-----Cut Here

E-mail address: _____

Make sure to PRINT LEGIBLY and be case specific.

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

EMS or Hospital Affiliation: _____ Name tag: _____

Home Phone:(____) _____ *Required for Credit Card* Work Phone:(____) _____

Check all that apply EMT___ EMT-EN___ EMT-C___ EMT-I___ EMT-P___ LPN___ RN___

Send registration information and check to:

**Pegasus
200 Bowen Loop Suite 100
Charlottesville, VA 22911**

Make checks payable to:

THE UNIVERSITY of VIRGINIA - PEGASUS

Credit card registration may be faxed to 434-924-8715

Credit Card # _____

Visa___ MC___ AmExp___ Disc___ **ExpDate** ___/___

(Name and Address as they appear on credit card. *Required*)

Name _____

Address _____

City _____ State _____ Zip _____

Signature _____

Critical Response '08

The staff of Pegasus is proud to present *Critical Response '08*. This is the 16th spring conference hosted by Pegasus. We hope you take this opportunity to enjoy the educational offerings and join your fellow health care providers in this day of information sharing. We would like to thank our guest speakers who have so graciously volunteered their time and talents.

Schedule

07:00	Registration
08:15	Keynote Speaker
09:15	Sessions
10:15	Break
10:30	Sessions
11:30	Lunch
12:45	Keynote Speaker
13:45	Sessions
14:45	Break
15:00	Keynote Speaker
16:00	Wrapup and Closing Remarks



(Be sure to complete the opposite side of the registration form.)

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Name : _____ **T-Shirt size** S M L XL XXL XXXL This does not reserve a shirt for you, it only helps us estimate our ordering needs.

The split session (Critical Care Tract) is limited to 50 attendees. After the first 50 paid ALS registrants fill the Critical Care Tract, all others will be placed into the general session. Every effort will be made to assign you to the tract you have selected. **Critical Care tract need not select break-out sessions.**

Critical Care Tract

General Session (rank your choices from 1 to 5 for the 3 break-out sessions)

- | | | |
|---|--|---|
| <input type="checkbox"/> Downed Aircraft Operations | <input type="checkbox"/> Heart and Lung Sounds 'Sim Man' | <input type="checkbox"/> Gastrointestinal Malformations |
| <input type="checkbox"/> Thoracic Trauma | <input type="checkbox"/> Brain Teasers | <input type="checkbox"/> Left Ventricular Assist Device |
| <input type="checkbox"/> Lethal Heart Blocks | <input type="checkbox"/> Med Assisted Intubation | <input type="checkbox"/> Capnography |
| | <input type="checkbox"/> Pediatric Status Epilepticus | |

Virginia Blood Services will be on hand to accommodate attendees who wish to donate blood

Yes, I plan on donating blood. I want to help beat previous year's total.