

# **MDHSS Trauma/BDLS® Simulation Training**

## **Course Description**

Department of Health and Senior Services and University of Missouri-School of Medicine's Shelden Clinical Simulation Center\* are conducting training for pre-hospital and hospital healthcare providers to build capacity for trauma and basic disaster life support event management. Day 1 focus is to bridge theory and practice in trauma care. Day 2 focus is Basic Disaster Life Support™ (BDLS®), a product of an academic consortium and promoted by the American Medical Association. BDLS® is an 8 hour didactic program designed to teach the core concepts of disaster management.

## **Focus Areas**

- Trauma & preparedness curriculum adapted from C-STARS ;
- Trauma skill labs
- D-I-S-A-S-T-E-R Paradigm – A standardized method to recognize and manage the scene and care for victims; Natural Disasters; Traumatic and Explosive Events; Nuclear and Radiologic Events; Biological Events; Chemical Events; Psychological Aspects; and Public Health Implications of Disasters.
- SMART/START triage
- Simulation scenarios using hi-fidelity sims

## **Objectives**

- Trauma team building and maintenance
- Team function and roles
- Principles of triage, patient management and resource allocation
- Trauma skills
- Principles of disaster management

## **Target Participants**

- Physicians, nurses, physician assistants, emergency medical technicians (EMTs), paramedics, first responders, pharmacists, and allied health professionals

# **MDHSS ADLS® Simulation Training**

## **Course Description**

Department of Health and Senior Services and University of Missouri-School of Medicine's Shelden Clinical Simulation Center\* are conducting training for pre-hospital and hospital healthcare providers to build capacity for trauma and advanced disaster life support event management. Advanced Disaster Life Support™ (ADLS®) is a 2-day didactic/hands-on practical application of the concepts learned in BDLS®. Small group interactive sessions allow students to work through a series of difficult questions of disaster management in a table top format. The student participates in a variety of skill stations reinforcing the concepts learned in BDLS®. The didactic component of ADLS® consists of Mass Fatality Management, Legal Issues, Federal, State and Local Resource use. ADLS® practical stations include bullet stations, M-A-S-S Triage, Disaster Skills, PPE and Decontamination and Patient Care scenarios. High-fidelity mannequin simulators are used to practice the treatment of weapons of mass destruction (WMD) casualties. Day 2 includes an immersive, simulated, mass casualty event.

## **Focus Areas**

- Population-based care in a disaster or public health emergency
- Principles of triage, patient management and resource allocation
- Legal, regulatory, and ethical principles for crisis care
- Team function and roles
- All-hazards scenarios
- Personal protective equipment
- Application of knowledge and skills in simulated, mass casualty event

## **Target Participants**

- Physicians, nurses, physician assistants, emergency medical technicians (EMTs), paramedics, pharmacists, and allied health professionals

## **Sponsors**

- Training is supported by: Department of Health and Senior Services, University of Missouri-Columbia, St. Louis University C-STARS, National Disaster Life Support Foundation (NDLSF).
- \* University of Missouri-School of Medicine's Russell D. and Mary B. Shelden Clinical Simulation Center is an NDLSF affiliated regional training center.

## **Registration Information for DHSS Trauma and Mass Casualty Courses**

- No prerequisite for enrolling in the Trauma or BDLS course
- Prerequisite for taking ADLS course is BDLS<sup>®</sup>
- **Go to the following url to complete the electronic registration process--  
<http://medicine.missouri.edu/simcenter/registration/> enter requested information, then select appropriate courses and click submit form at bottom of the page**
- Space is limited to first 24 participants, per course, that register
- There is NO FEE for attending this course!
- If questions, contact Marty Runyan at [runyanr@health.missouri.edu](mailto:runyanr@health.missouri.edu)
  - (573) 884-1574

*Approval of CME credit is pending*