



# VIRGINIA DEPARTMENT OF EDUCATION

## TWO-DAY LAB SAFETY SHORT COURSE

### Conducted by The Laboratory Safety Institute

#### Introduction

The Laboratory Safety Institute is a non-profit organization whose mission is to make health and safety an integral and important part of science education, work, and life.

LSI was founded in 1978 by James A. Kaufman, Ph.D. His experience working for the Dow Chemical Company convinced him that schools and colleges were not doing enough to encourage health and safety. Studies by LSI and others have shown the accident rate at schools and colleges to be 100 to 1000 times that of Dow and DuPont.

Since 1978, Jim has trained over 100,000 science educators and scientists. His brand of safety training is a unique blend of technical information, practical and inexpensive solutions, humor, and accounts of real-life incidents.

#### Course Outline and Learning Outcomes

Participants will receive a broad, comprehensive exposure to safety, health and environmental requirements in the healthcare setting. They will be introduced to fundamental lab safety program requirements, the framework of an effective and comprehensive safety program, and receive an introduction to specific workplace hazards, prudent practices and methods for risk assessment. Upon completion of this course participants will be able to apply this knowledge to healthcare workplace settings they may encounter.

#### Content Covered

Accidents	Needs Assessment
Biological Hazards	OSHA Bloodborne Pathogen Std.
Chemical Handling & Storage	OSHA Lab Standard
Electrical Safety	Planning for Emergencies
Employee / Student Involvement	Prudent Practices
Eye & Face Protection	Safety Equipment Display
Fire Control	Safety Program Planning
Handling Glassware	Scope of the Problem
Hazardous Waste Disposal	VA DOE CTE Safety Standards
Labeling	Your Most Serious Problem
Legal Aspects of Safety	

#### Who Should Attend?

- Health & Medical Science Educators
- Health & Medical Technologists and Students
- Science & Technology Educators / Researchers
- Lab Managers / Supervisors / Workers

#### Upon completion of the course each participants will receive

Train-the-Trainer Certificate  
LSI Safety Manual

**Date:** July 31 - August 1, 2014

**Time:** 8:00am - 4:30pm

#### Location:

Virginia Beach Resort &  
Conference Center  
2800 Shore Drive  
Virginia Beach, VA 23451  
Phone: 757-481-9000

\*Travel and Lodging responsibility of participant



#### Contact Information:

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\*Course and Materials Provided by the Virginia Department of Education