

## Essential Information and Training for the Chemical Hygiene Officer

### Workshop Description

#### **NEW Content for 2016!**

This workshop will present a detailed analysis of the Chemical Hygiene Officer position for CHOs in both large-scale and small-scale environments. The course will briefly cover the relevant regulatory landscape (OSHA Lab Standard and RCRA) and set into best management practices for the Chemical Hygiene Officer. We will discuss:

- Essential reference materials
- Fundamental exposure assessment and control (including ventilation)
- Fundamental risk assessment
- Change management in a research environment
- Basic emergency response and how to say off the 6 PM News.

There will be plenty of opportunity for questions and follow up by e-mail.

#### Topics covered:

Introduction: What is a “Chemical Hygiene Officer”...really?

The regulatory landscape

OSHA Lab Standard

OSHA General Industry Standard

RCRA and Waste Management

Your responsibilities

Developing Standard Operating Procedures (SOPs)

Lunch – on your own

#### Laboratory Hazards and Control

Hazard identification and risk management

Risk assessment tools:

The LabRAT

Lab What-If

Application of Risk assessment in field operations

Communicating risk – the Bow Tie

Exposure and overexposure in normal operations

Evaluating exposure – an overview

#### Controlling change in a research environment

#### Laboratory Emergencies

#### Emergency preparedness

The first and second rules of emergency response

Spills and spill response

Fire and Fire response

Cost: \$325 (ACS Member), \$375 (non-ACS Member)

Registration: Through ACS Regional Meeting site. On-site registration will be available. There will be a few extra sets of handouts available on a first-come-first-served basis.