

DEPARTMENT OF ELECTRICAL ENGINEERING

Graduate Seminar Guest Speaker

Carol Schmeidler

Facilities Department
University at Buffalo

"CHEMICAL RIGHT TO KNOW TRAINING"

Friday, February 10, 2006

11:00 AM

Knox 109

**Environment, Health & Safety Services
(EH&S)**

**CHEMICAL RIGHT TO KNOW GOALS
TODAY**

**Agencies That Regulate Hazardous
Chemicals**

Chemical Hazards

Toxic Chemicals

Flammable Chemicals

Reactive Chemicals

Corrosive Chemicals

Sensitizer Chemicals

How Chemicals Enter The Body

The Dose Determines the Poison

Acute Vs. Chronic Illness

Target Organ Effects

Symptoms of Possible Overexposure

Hazard Awareness

Material Safety Data Sheet - MSDS

Primary Container Labels

Secondary Container Labels

Hazard Evaluation

Hazard Control

Engineering Controls

Administrative Controls

How to Handle Chemicals Properly

Incompatible Chemicals

Handling Flammable Chemicals

Proper Storage of Flammable Chemicals

General Safety Tips

Handling Chemical Emergencies

What Emergency Personnel Should

Know

Chemical Hygiene Plan

Hazardous Waste

Campus EPA Inspection