

# OSHA Regulations for the Research Lab, What's New

Presented by

Steve Smith, Cal/OSHA

AIHCE RT 212 on May 16, 2006

# Protecting the Health & Safety of Research Laboratory Workers



# Federal & State OSHA Regulations

- Federal & State Regulations that have Specific Requirements for Laboratories
- What's New in Federal & State Regulations
- Recent Federal & State Programs & Guides
- State Unique Regulations that go beyond Federal Requirements

# OSHA Regulations with Specific Requirements for Laboratories

- Occupational exposure to hazardous chemicals in laboratories
- Bloodborne pathogens
- 13 Regulated carcinogens

# OSHA General Industry Regulations that Apply to Laboratories

- Airborne contaminant PELs
- Personal protective equipment
- 1<sup>st</sup> aid / emergency eyewash
- Formaldehyde and other substance specific health standards

# Recent OSHA Regulation changes

- Chromium final rule in 2006
  - 5ug/m<sup>3</sup> PEL
  - Exposure determination
  - Medical monitoring
- Respiratory Protection for TB in 2004
  - TB covered by general respirator regulation
  - Annual fit testing enforcement
- Bloodborne pathogen update in 2001
  - HCV added
  - Needleless systems
  - Sharps log

# Recent OSHA Programs and Guides

- Targeted Inspections
  - High exmod employers
  - High hazard industries & PSM
- Alliances & voluntary protection programs
  - AIHA, ACC, ABSA
- Best practice guides
  - Glutaraldehyde
  - Mold
  - Ergonomics and other hazards.

# Recent State OSHA Regulations

- Biosafety cabinet ventilation
- Ergonomics
- Mold remediation
- Updated PELs including Glutaraldehyde



# Federal & State Regulation Changes under Development

- Respirator APF
- Lab Hood VAV systems
- Aerosol transmissible diseases
- PEL updates including SEN notation



## Contact information:

Steve Smith, Supervising IH

Cal/OSHA

916-574-2996

[ssmith@dir.ca.gov](mailto:ssmith@dir.ca.gov)