

# Berkeley Lab Integrated Safety Management (ISM)

## DOE Office of Science Worker Safety Principles:

1. Safety comes first
2. We expect compliance with the law and regulations
3. We expect our leaders to take responsibility for the safety of people at the Lab and for protection of the environment
4. Each of us takes personal responsibility for the safety of people at the Lab and for protection of the environment





# ES&H Update

- Numerous reviews have highlighted opportunities to improve our ES&H programs
  - Systematically identifying hazards and how to control them –Job Hazard Analysis (JHA)
  - Improved communication
  - Implementing line management responsibility
  - Pub 3000 updated
- Other examples:
  - Sub-contractor and vendor safety
  - Changes in Ergonomics Program
  - Traffic Safety



# ES&H Roles & Responsibilities

- All – understand ISM
- All – know your duties and be trained
- All – know the hazards for all the places you work
- Supervisors and Work Leads – know where your employees work and the hazards of their jobs
- Supervisors and Work Leads - make sure your direct reports take the JHA annually and are trained
- All Management (from Division Director to Work Leads) - responsible for walkthroughs of areas

# ISM

## I am responsible for safety

- What will I be doing?
- Do I know what the hazards are?
- Do I have everything I need to do the job safely: training, tools, time, and authorization?
- Am I doing the job safely?
- What can I do better?





# Safety Talk

- How often do you talk about your work?
- How often do you talk about doing your work safely?
- Walkthroughs required: All Lab and Office areas
  - X times a year
  - This task cannot be delegated!
  - Checklists on website

# Job Hazard Analysis

- The lab is switching from the JHQ (Job Hazard Questionnaire) to the JHA (Job Hazard Analysis) this summer.
- This will be done to resolve some problems with the JHQ:
  - only addressed hazards that require formal training
  - provided no authorization to do work that fell below that needing formal authorization (AHD, RWA etc)
  - questions were often difficult to understand and answered incorrectly
  - didn't recognize that many groups face the same hazards





# Who needs a JHA?

- **Everyone with a badge active for more than 30 days**
  - Complete Job Hazard Analysis (JHA) within first 30 days
  - Complete General Employee Radiation Training (GERT)
  - Identify division-specific requirements or additional training
  - Attend Introduction to EHS at the Lab within first 30 days
  - Complete On-the-Job Training as identified by the supervisor
  - Complete all required training within 90 calendar days (for assignments exceeding beyond 3 months)
  - Update the JHA annually and whenever the scope of work should change, and complete all newly identified EH&S Training within 90 calendar days
- **Anyone with a badge active for 30 days or less (unless directly supervised)**
  - Complete Job Hazard Analysis (JHA) within first 30 days
  - Complete GERT
  - Complete On-the-Job Training
  - Complete User Facility specialized training program
- **A JHA is not needed if the badge is active for 30 days or less and the person is directly supervised**

# Job Hazard Analysis – Next Steps

- Supervisors or designated Work Leads must meet with all workers (staff, participating guests, and students) and tailor the group profiles to develop individual JHAs:
  - Individuals can belong to more than 1 work group
  - Customize work group answers for individuals
  - Everyone and their Supervisor or Work Lead must sign the individual JHA
  - DOE contract commitment: 75% of affected LBNL individuals have active JHAs by 9/30/08







# Summary

- Safety needs to be part of our Division culture
- Many changes to ES&H policies and procedures
  - Need to understand them and know how they are implemented in our Division
- We are judged by DOE on how well we:
  - Protect people and property
  - Do what our policies and procedures say we do
  - Identify things that need to be fixed and fixing them
- We are seeking improved safety, less scrutiny and continuing work under this contract