

WELCOME

New Safety Coordinators!



**New Safety Coordinator
Fall Orientation**

October 24, 2012

UNIVERSITY OF WYOMING



EHS Staff Introductions



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Safety Coordinator Introductions

Name

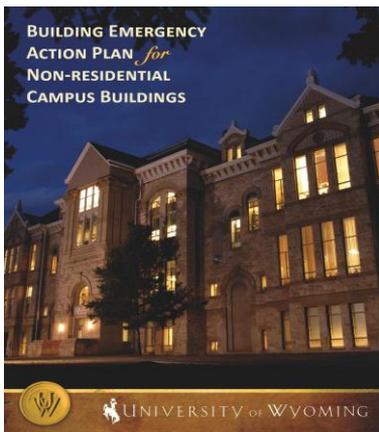
Department

Primary work environment
(Facilities, Laboratory Research, Office/administration)

Building Emergency Action Plan (BEAP)

Safety Culture

Nancy Fox



**BUILDING EMERGENCY
ACTION PLAN *for*
NON-RESIDENTIAL
CAMPUS BUILDINGS**

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Building **E**mergency **A**ction **P**lan

Facilitating
Emergency Actions
on a
Building Level

Building Emergency Action Plan

- Purpose
 - Facilitate (non-resident) building occupant actions during emergencies
 - Provide emergency guidance to occupants
 - Posting of evacuation floor plans
 - Meet the OSHA requirement 29 CFR 1910.38
 - International Fire Code - Chapter 4
- Scope:
 - All building occupants

Emergency Actions

- Evacuation
- Shelter-in-Place
- Seek Secure Shelter
- Avoid Area, Warn Others



Building Fires
Evacuate



Shootings - University of Alabama-Huntsville 2010
Seek Secure Shelter



Weather
Shelter-in-place



Chemical Spill
Evacuate Avoid area warn others



Explosions
Evacuate

- Evacuation
- Shelter in Place
- Seek Secure Shelter
- Avoid Area Warn Others



Responsibilities

- Deans, Directors, and Department Heads
- Building Emergency Coordinators (BECs)
- Work Area Emergency Coordinators
- Environmental Health & Safety (EHS)
- Police Department (UWPD)
- Facilities Planning Office/Real Estate Office
- Building Occupants



BEAP Program Implementation

1. Deans, Directors, Dept Heads appoint:
 - Building Emergency Coordinator (BEC) and
 - Work Area Emergency Coordinators
2. EHS provides orientation/information to BECs
3. BEC reviews information and plan template
4. BEC fills in required portions of the template
5. BEC submits completed plan to EHS



BEAP Program Implementation continued

6. BEC communicates plan to building occupants
7. BEC drills plan
 - With assistance from UW EHS and UWPD
8. BEC reviews and updates plan as needed
9. EHS sends annual reminders re plan updates



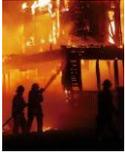
BEAP Implementation

1. Communicate plan to major stakeholders ✓
2. Phase 1 ✓
 1. Provide information to BECs
 2. BEAP for 6 buildings completed
5. Reassess BEAP template/process and make adjustments
6. Roll out program to Phase 2 buildings –November 2012
7. Roll out program to other campus buildings -2013



Preparation Today

Can Saves Lives



Tomorrow

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SAFETY CULTURE

- ✘ History and Background
- ✘ What is Safety Culture?
- ✘ Characteristics of organizations with strong safety cultures
- ✘ Promoting a strong safety culture at UW

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BACKGROUND

Chernobyl, 1986



Columbia Space Shuttle, 2003



Upper Big Branch Mine, 2010



UCLA Laboratory Death, 2010



WHAT IS SAFETY CULTURE?

Nuclear Regulatory Commission- **core values and behaviors resulting from a collective commitment** by leaders and individuals to **emphasize safety over competing goals** to ensure protection of people and the environment.

UK HSE - **The product of values, attitudes, competencies and patterns of behavior** that determines the commitment to and style and proficiency of an organization's health and safety management.

WHAT IS SAFETY CULTURE?

- ✘ The way we typically do things around here (with respect to health and safety).
- ✘ What we do when no one is watching.

“SHARED” values, attitudes and beliefs that shape health and safety practice (what we do)



ACCIDENT PREVENTION

Heimlich

Accident factors

- ✓ Normalization of deviance
- ✓ Complacency
- ✓ Tolerance of inadequate systems



Improving safety culture can address accident factors, and lead to accident reduction.

CHARACTERISTICS OF AN ORGANIZATION WITH A STRONG SAFETY CULTURE



- ✗ Organizational commitment
- ✗ Employee involvement
- ✗ Adequate allocation and use of resources
- ✗ Efficient health and safety management system
- ✗ Motivated and productive workers

UW SAFETY CULTURE

- ✗ Organizational commitment
 - + Employee handbook,
 - + University regulation 4-2
 - + Draft EHS policy
- ✗ Employee involvement
 - + Safety coordinators (key)
 - + Safety committees
 - + Supervisor safety training

UW SAFETY CULTURE

- ✗ Adequate allocation and use of resources
- ✗ Efficient safety management system
 - + Policies, plans, guidelines (web site)
 - + Strategic planning, plan-do-check-act
- ✗ Motivated and productive workers

A STRONG UNIVERSITY SAFETY CULTURE

to help workers (and the students) return home each day safe and healthy



EHS Mission

Promoting health, safety and environmental protection by providing exemplary programs in support of the University mission

Our Vision

A university culture where safety and health are core values, embraced and acted upon at all levels

UW Regulation 4-2

(Office of General Counsel)

Employment Provisions-Applicable to All Personnel
Section L. Safety

- **Responsibility of every employee.**
- **Abide by safety rules.**
- **Participate in safety training.**
- **Report hazards.**
- **Bring problems to supervisor's attention.**

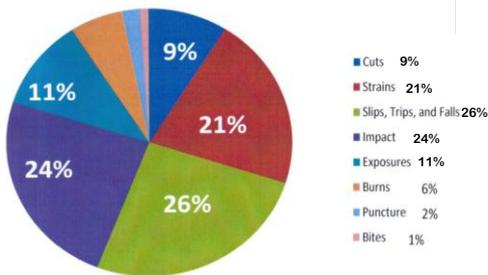
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2011 Accident Types
% of Total Accidents



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UW EHS Overview

- UW EHS Program Areas
- EHS Services
- EHS Locations
- EHS New Initiatives
 - Hot Work Program
 - Emergency Preparedness Website
 - Ergonomic Resources
 - Web based Laboratory and Shop Registrations
- Safety Roles and Responsibilities

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- EHS Program Areas**
- Biological Safety
 - Chemical Safety
 - Occupational Safety
 - Radiation Safety
 - Waste Management
 - Chemical Orders
 - Hazardous Materials Transportation

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EHS Services

- ↳ Consultation
- ↳ Training
- ↳ Hazard Assessments
- ↳ Inspections
- ↳ Emergency Response
- ↳ Waste Management

EHS Locations and Contact Information



Regulated Materials Management Center (RMMC)
751 North 19th Street
766-3698



Main EHS Office
Wyoming Hall, Room 102
766-3277

EHS web page: <http://www.uwyo.edu/ehs>

EHS email: uwehs@uwyo.edu



Safety Involves Everyone!

- Administration
- Supervisors/Principal Investigators
- Staff
- Students/Visitors
- EHS Department/Safety Coordinators

University Responsibilities

A safe and healthful work environment

- OSHA required programs
- Training related to hazards on the job
- Proper tools for those hazards
- Employee medical records upon request



Employee Responsibilities

- Attend safety training and apply training to job
- Follow established safety rules/procedures
- Request additional safety training as needed
- Report hazards in the work area



Departmental Safety Coordinators

*Appointed by and serve under department head

Your role is to act as a liaison between your department and EHS to actively promote safety at all levels.

As mentioned in previous slides you may help with:

- Distributing safety information
- Reporting of injuries and follow-up
- Gaining knowledge in new safety information and tools
- Coordinating hazard assessments



University of Wyoming

Environmental, Health and Safety
Department

And

Departmental Safety Coordinators

Is

A Important Partnership!

Thank you !

