Why do accidents happen?

- Accidents happen for one or both of the following:

  Unsafe acts and
  Unsafe conditions
Unsafe Acts

Unsafe acts are action by people that directly cause or contribute to an accident. Examples are:

- Horseplay, running
- Drug or alcohol use
- Not following procedures – taking shortcuts
- Unauthorized use of equipment or tools
- Using damaged equipment
- Not using personal protective equipment
Unsafe Conditions

Examples of unsafe conditions are:

– Damaged equipment
– Poor lighting
– Missing machine guards
– Unsafe atmosphere
– Slippery floors
– Lack of proper equipment
Controls prevent accidents

- There are 3 basic types of controls we use to prevent accidents
  - Engineering Controls
  - Administrative Controls
  - Training Controls
Engineering Controls

- Engineering controls include
  - Building and equipment design
  - Location and types of machinery controls
  - Machine guards
  - Equipment location and access
Administrative Controls

- Administrative controls include
  - Hazard identification and analysis
  - Identification of personal protective equipment
  - Specific safety procedures
  - Proper storage of material and equipment
  - Controlled access to hazardous areas
  - Authorization requirements for hazardous operations
Training Controls

Training is necessary so you know

- How to recognize, report, avoid and control hazards
- How to safely use equipment, tools and chemicals
- How to select, use and store personal protective equipment
If it looks unsafe

It probably IS!

Tell your supervisor
What you can do

Never do anything

- That you have not been trained and authorized to do
- That is unsafe
- That violates university procedures
- That puts others at risk
Report!

✦ Any unsafe acts
✦ Any unsafe conditions
✦ Any accidents or injuries
✦ Any near misses
Encourage!

Let others know that you want to work safely and expect them to follow the rules too. Don’t let others endanger you or others.
Inspect!

♦ Do a daily safety check of
  – Your work area
  – Your equipment
  – Your tools
  – Yourself
Inform!

- Let your supervisor know if you
  - Are taking medication that makes you sleepy or affects your vision
Be Alert!

- Think about your actions
- Watch out for others
- Know the hazards of your surroundings
- Watch where you walk
Be accountable!

– Don’t create unsafe conditions
– Clean up spills immediately
– Put things back when you’re done
– Keep your work area safe for others
Be Safe!

- Being safe is an active choice you have every day
- Know the hazards and controls
- Follow the safety procedures – they protect you and others