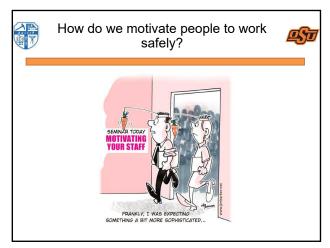
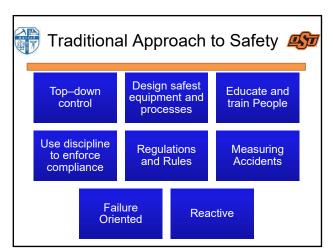




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_	FPST 3013 Safety Management			
	Behavior Based Safety			









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### **Incentive Programs**



- Controversy
  - Underreporting
  - Incorrect OSHA recordkeeping information
- What do you reward? lagging or leading indicators???
  - · No OSHA recordable accidents
  - Lower incident rate
  - · Reporting near misses
  - · On-time corrective action closure
  - Reward behaviors...not outcomes
- Strategies for Success
  - Be very careful that the award is designed to encourage the behavior desired and discourage the behavior not wanted

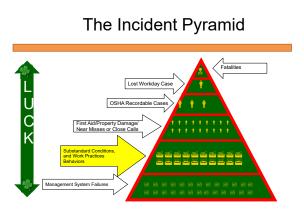
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### OSHA Does Not Like Incentive Programs



- Advantages
  - Add interest to an established safety program
  - Increase safe behavior
  - · Improve safety culture
  - Encourage peer pressure in the right way
- Disadvantages
  - · Ripe with controversy
  - May encourage underreporting
  - Reward is insufficient so employees lose interest
  - Reward is not tied to behavior



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HOW DO WE MOTIVATE PEOPLE TO WORK SAFELY?	

7



### **New Approach**



- · Safety Culture
- Proactive
- · Achievement focused
- · Personal Responsibility and Accountability
- Employee Empowerment
- Behavior Based

8



### **BEHAVIOR**



### Heinrich

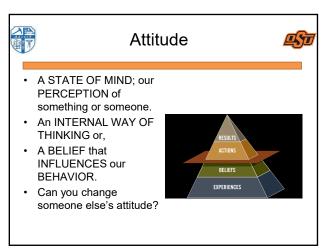
- Up to 98% of all workrelated accidents are BEHAVIOR RELATED (Heinrich 1908).
  - 88% Unsafe Behaviors
  - 10% Unsafe Conditions
  - 2% uncontrollable factors

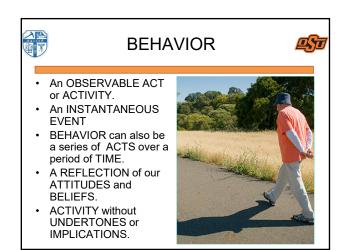
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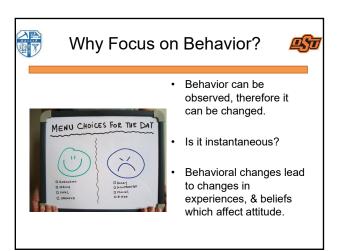


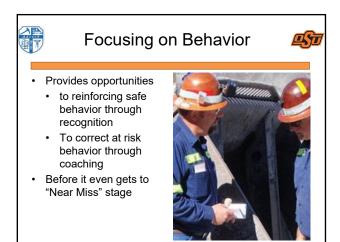






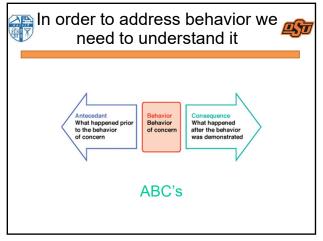




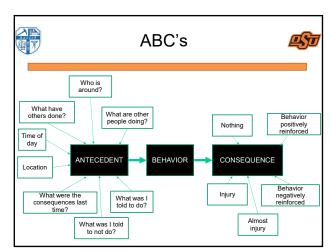




















### INFLUENCING BEHAVIOR



### ANTECEDENT

- · Cell phone beeps
- Ringing doorbell
- Ringing alarm clock
- Red stoplight
- Hot stove
- Dark room

### **BEHAVIOR**

- · Look at phone
- · Answer the door
- · Get out of bed
- · Stop the car
- · Do not touch
- Turn on light

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### COMMON ANTECEDENTS IN THE **WORKPLACE**



- Danger/Caution/Warning Signs
- · SOP's, JSA's, Work Instructions
- · Bells, whistles, sirens and horns
- · Control panel lights/indicators
- · Goals and objectives
- Behavior of co-workers
- Supervisor's instructions
- Company policy
- Culture

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### Characteristics of Antecedents



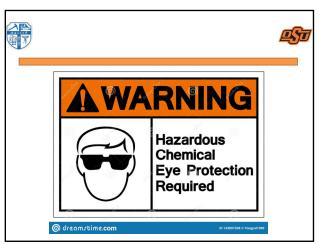
To be effective in triggering the desired behavior, an antecedent must not only identify the specific behavior, it must specify the outcome in advance.

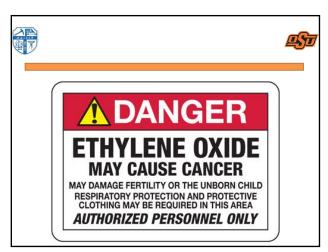
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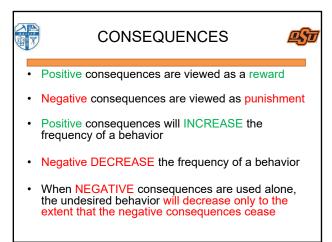


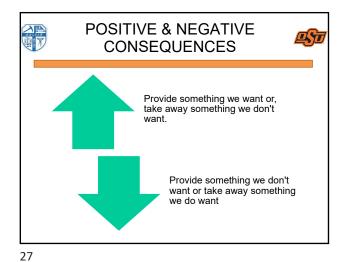




# The NATURAL RESPONSE to a antecedent Quite PREDICTABLE under most circumstances Behaviors Watch what I can Make PAVLOV DO. AS SOON AS I DROOL, HELL SMILE AND WRITE IN HIS LITTLE BOOK. Watch what I can Make PAVLOV DO. AS SOON AS I DROOL, HELL SMILE AND WRITE IN HIS LITTLE BOOK.

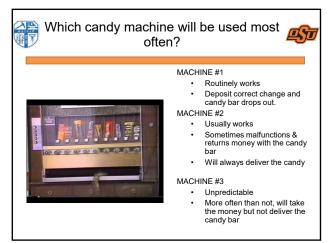
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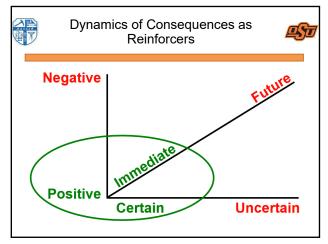


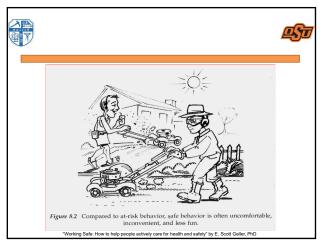






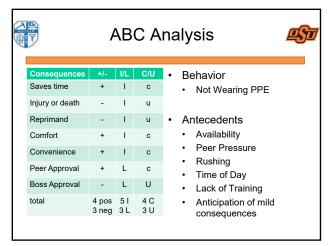



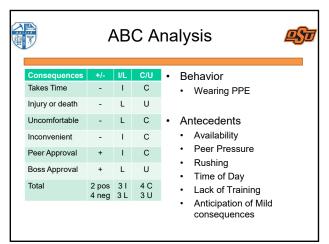


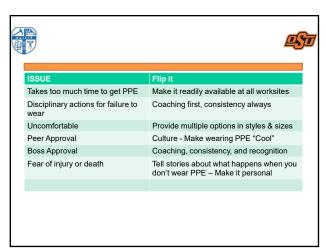






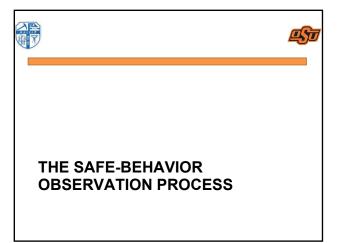




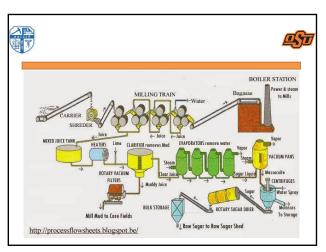








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### **Behavioral Management**

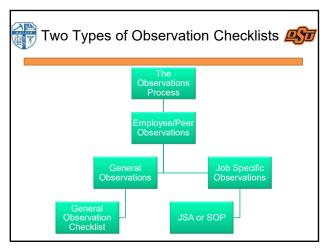


- In order to improve behavior, management must understand the "why" of behavior
  - Two reasons for doing something unsafe
  - Always approach the situation first seeking to identify which one...then the why
- Identification and control of safety-related behaviors
  - · Evaluating critical behaviors





Behavior Is An Ob	servable Activity
	Observations are used to collect data on safe and unsafe behaviors
	Provide opportunities for immediate reinforcement or correction of behaviors as they occur



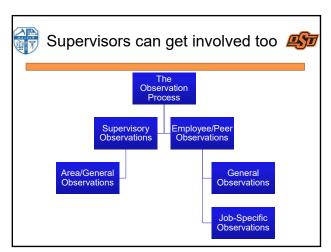
Generic Behavio		on 🙇	
Critical Behaviors	Safe	At Risk	
Body Positioning			
Visual Focusing			
Communicating			
Pacing of Work			
Moving Objects			
Complying with Lock/Tag/Try			
Complying with Permits			
PPE			
Total Safe Behaviors			
Total Behaviors Observed			
% Safe			





Specific Behavior Observati	ion	<u> </u>
Behavior – Planting a Tree	Safe	At- Risk
Select a site. Call local authorities; plan for future growth.		
Collect and inspect tools.  Check all equipment for damage and then repair and/or replace		
Dig the hole.  Get help; dig hole with small shovels full of dirt; move smoothly & slowly; wear gloves, safety glasses & shoes.		
Transport tree to location.  Get help; select & clear route.		
Place and position tree into hole.  Get help or kneel; use mechanical devices; wear safety glasses		
Cut binding on root ball. Wear safety glasses; wear gloves; kneel while cutting binding.		
Back fill the hole.  Back fill with small shovels full of dirt; wear gloves.		
Stabilize tree. Wear gloves; keep hands off stakes.		
Water and fertilize the tree. Wear non-skid shoes; wear dust filter mask.		
Clean up. Wear gloves & safety glasses.		











### How is an Observer Program supposed to work?



- Employees will be asked to help identify the root causes and offer suggestions on how to correct the problem
- SAFETY OBSERVATION DATA IS NOT TO BE USED TO GENERATE DISCIPLINARY ACTION

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### How is an Observer Program supposed to work?



- Properly managed observation programs actually reduce the amount of discipline
- Employees work with each other to reinforce safe behavior and correct unsafe behavior

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### How to Give Feedback

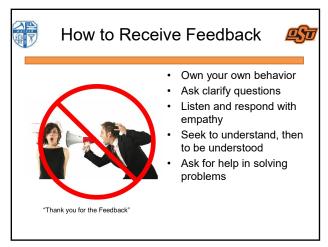


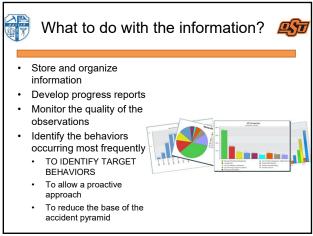
- SBI+R
  - Situation
  - · Behavior
  - ImpactResults
- State the Situation
- Describe the Behavior Observed
- Discuss the Impact of the Behavior
- Agree on a positive result for the future

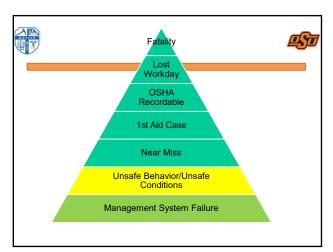








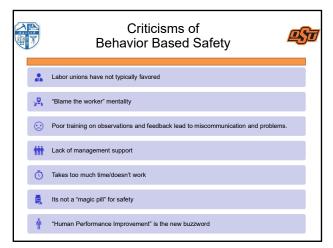






























### Addressing unsafe behavior



- Ask the person if they want to hear what you have to say
- Share your concerns with them
  - Discuss the risk of their action to them
  - Discuss the potential outcomes
- Get them to agree to the risk
- Must happen in order to proceed
- Have them determine how to mitigate or eliminate the risk and wait until they give you something that you agree with
  - Do not tell them what to do
- Actively listen and reflect what they have said...that they agree to the risk and that they agree to do something different to mitigate or eliminate the risk
- Part ways
- What if they do it again in the future?

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I CHOSE TO LOOK THE OTHER WAY

Don Merrell