



#### We will start momentarily at 2pm ET



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#### **Have Questions?**



#### Type Questions Box!



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# How has ACS Webinars benefited you?



"I became a chemist because chemistry was so interesting to me, and gave me a chance to use chemistry to benefit society. Chemistry was and still is fun, and these **ACS Webinars** show the fun side along with the beneficial aspects of chemistry."

Fan of the Week

Philip Barnett, Ph.D., MLS Professor, Science Reference Librarian, City College of New York



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We appreciate your patience while we work to complete the migration of past and current episodes, which we hope to have available as soon as possible.

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# Upcoming ACS Webinars® www.acs.org/acswebinars.





Thursday, February 27, 2014

**"2014 Drug Discovery Series:**Overview of the Drug Discovery and Development Process"

Dr. Derek Lowe (Vertex), Dr. Richard Connell (Pfizer) & Dr. Nicholas Meanwell (Bristol-Myers Squibb)



Thursday, March 6, 2014

"From Waste to Wealth Using Green Chemistry"

James Clark, Director, Green Chemistry Centre of Excellence

Dr. Joseph Fortunak, Professor, Howard University





# Tragic Chemical Accidents: Tales, Investigations, and Lessons Learned



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### **Chemical Safety Board (CSB)**

- Independent Federal Agency
- Non-regulatory

#### Mission

To prevent chemical accidents

- Conducting root cause investigations
- Reporting findings publicly
- Making recommendations to organizations and agencies that can affect change
  - Companies
  - Government Agencies (local, state and federal)
  - Standard setting bodies/professional organizations

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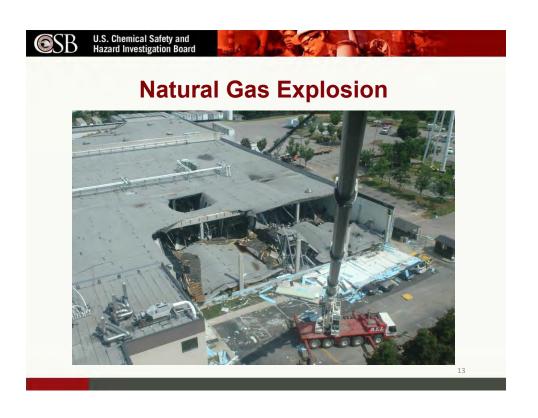


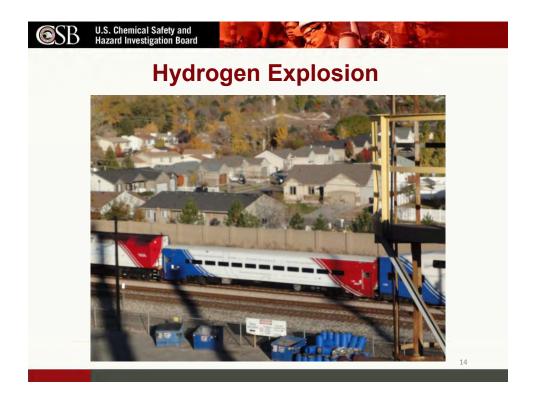
U.S. Chemical Safety and Hazard Investigation Board



# offective means to protect yourself from

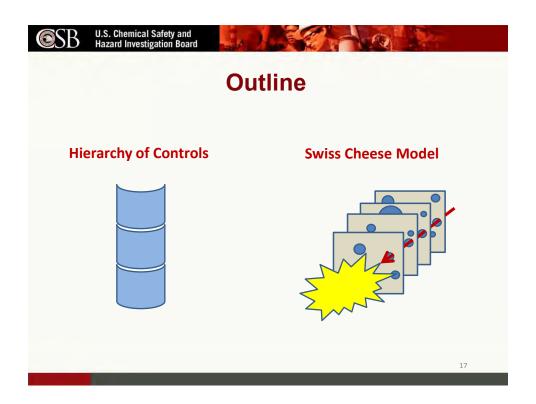
- The most effective means to protect yourself from a chemical accident?
  - Engineered Controls (ventilation systems, automatic shut off devices, etc.)
  - Personal Protective Equipment (goggles, gloves, hardhat)
  - Training
  - Warnings (signs, placards, etc.)







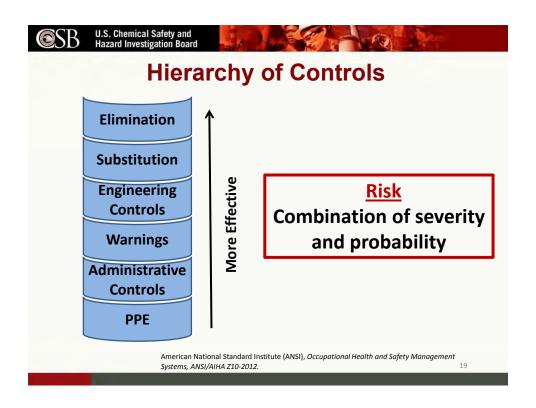


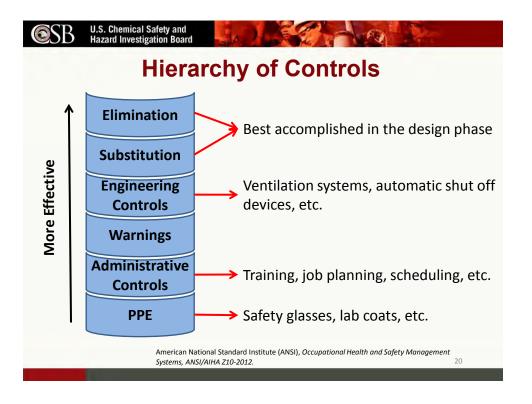




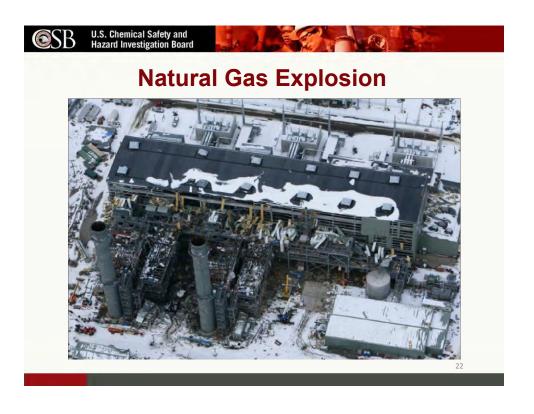
### **Audience Trivia Question**

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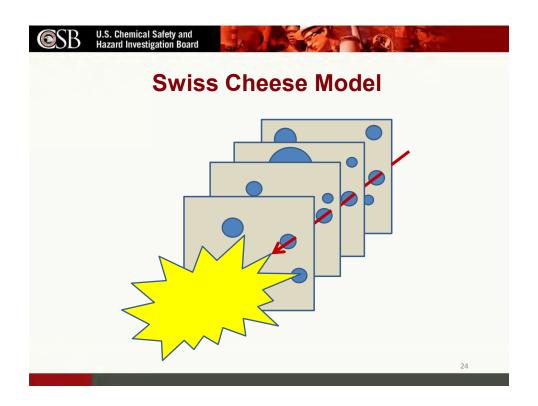


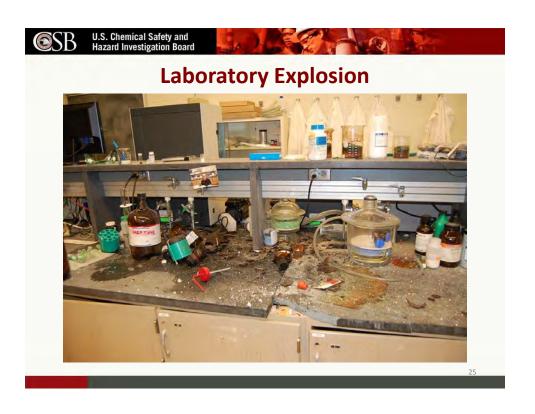


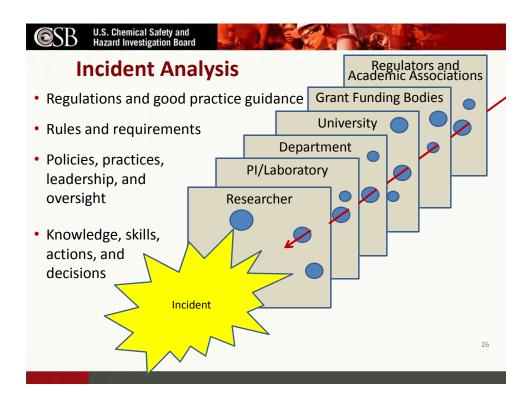


#### **Audience Trivia Question**

- Have you ever worked in a laboratory and not put on your safety goggles when chemicals were out and in use?
  - No, I always wear goggles
  - Yes, but these occasions are infrequent
  - Only if they match my outfit...











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