



# **NIEHS/DOE Worker Training Program**

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**Worker Education and Training Program**

**Division of Extramural Research & Training**

**2015 DOE and DOE Contractors Industrial Hygiene Meeting**

**June 1, 2015**

**Salt Lake City, UT**



# DOE/NIEHS Safety Training Collaboration Initiative

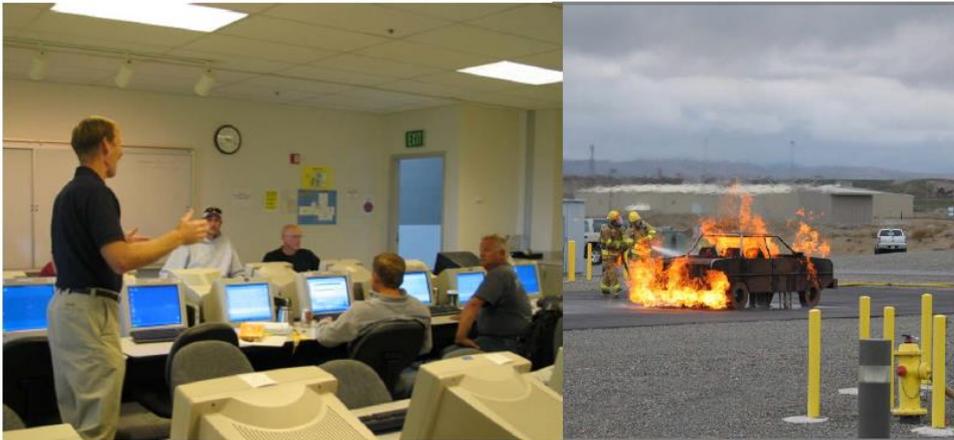
- NIEHS and DOE Hazmat Training Program Update
- DOE/NIEHS National Trainers Exchange – March 2015

## What Is the Goal of the Program?

- Conduct safety and health training that is both site specific and trade-specific at DOE Sites featuring a combination of nuclear, industrial, demolition, and construction training activities
- Provide workers with sufficient knowledge to identify hazardous situations and to take appropriate actions to protect themselves, fellow workers, and the environment



**National Institute of Environmental Health Sciences  
Worker Education and Training Program (NIEHS WETP)**



*From classroom to hands-on, two examples of NIEHS safety and health training*

**Department of Energy and  
NIEHS WETP Nuclear Worker Training Program**

Accomplishments and Highlights September 1, 2013– August 31, 2014

**Who Are the Awardees of the DOE Worker Training Program?**

- International Association of Fire Fighters
- International Union of Operating Engineers
- United Steelworkers of America
- International Chemical Workers Union Council
- LIUNA Training and Education Fund
- International Brotherhood of Teamsters
- CPWR - Center for Construction Research and Training
- PETE – Partnership for Environmental Training & Education

# How Many Are Trained?

- Total of 6,751,153 contact hours of safety and health training delivered between 1993 and 2014
- 507,654 workers trained with 35,375 courses
- In 2013-2014, 28,334 workers received 311,412 contact hours of training in 1,900 classes.
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- 31 different DOE sites - Oak Ridge, Hanford, Los Alamos, Savannah River, Site, Idaho Falls, Paducah, and Nevada Test Site via a wide range of hazardous waste & ER training



HAMMER Federal Training Center

## HAMMER/NTC TRAINING EVENT

*in conjunction with the NIEHS Worker Trainers' Exchange*

**MARCH 3-5, 2015**

Volpentest HAMMER Federal Training Center  
2890 Horn Rapids Road  
Richland, Washington 99354  
509-372-3143  
HAMMER@rl.gov

    National Institute of Environmental Health Sciences 

- 53 sessions were offered to approximately 180 participants/ peer trainers.
- Keynote speaker -Glenn Podonsky & Opening Panel
- Exchanged best practices, experience, and techniques in H&S
- Focus to create more effective and empowering training and improved training skills



# Diversity of Topics Covered.....

## 27. Assertion Evidence Approach to Improving Safety Training

Bruce Lippy has been training workers about safety and health since 1978 and will provide recommendations and facilitate discussions on improving safety presentations. He will review basic techniques to turn PowerPoint presentations from

**PRESENTER:**  
CPWR - The Center for  
Construction Research and  
Training, Dr. Bruce Lippy

## 31. Radiological/Nuclear Terrorism: Teaching Instructors Early Phase Protective Action Guidance

Radiological/Nuclear terrorism will not bring the end to the world nor will it stop Emergency Response personnel from responding and performing lifesaving operations. However, when civilians and professionals do not know the proper protective actions

**PRESENTER:**  
International Association  
of Fire Fighters (IAFF) and  
HAMMER, Richard Schlueck  
and Thom Hogg

## 23. Training Reciprocity: Understanding the Process

Since 2012, the NTC and HAMMER have been working to develop and implement a training reciprocity program in an effort to reduce redundant training complex-wide. This panel will discuss the DOE policy on reciprocity, the process being used to certify

**PRESENTER:**  
HAMMER, Brian Killand,  
Bob Legard, Richard Smith,  
Pete Wells, and Ted Giltz

## 18. Disaster Worker Resilience

As in prior major disasters, data collected after the Deep Water Horizon (DWH) oil spill indicate a significant mental health component to the health consequences of the event. To better assess the best practices and solutions to mental health concerns for workers during response to disasters, NIEHS Worker Training Program (WTP) in

**PRESENTER:**  
National Clearinghouse,  
Jonathan Rosen

## 9. Lockout/Tagout: Innovative Technologies and Instructional Strategies to Enhance Training

It's a challenge to keep refresher training interesting, engaging and relevant. Students retain and synthesize material best when they are actively engaged. This presentation will discuss innovative ways to review material and check for understanding while maintaining an engaging atmosphere. HAMMER's Lockout/Tagout Training relies

**PRESENTER:**  
HAMMER, Jen Bilskis and  
Chris Holway

## 22. Workplace Violence Awareness Briefing—Walk Through Directors Cut

Learn how to recognize and respond to warning signs and how to respond to workplace violence incidents.

**PRESENTER:**  
National Training Center  
(NTC)/Chenega, Rob  
Adelman



# NIEHS WETP National Clearinghouse for Worker Safety and Health Training



**NIEHS**

National Institute of Environmental Health Sciences – National Institutes of Health

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## Careers and Training

- HazMat Safety & Training
  - About Worker Education and Training Program
- Areas of Training
- Clearinghouse**
  - Curricula Catalog
  - Emergency Preparedness Resources
  - Hazardous Waste Worker Training Issues - Areas of Training
  - Meetings and Workshops
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- Funding Opportunities for Worker Training
- Meetings and Workshops
- Other Links and Resources
- What's New

## National Clearinghouse for Worker Safety and Health Training

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### National Clearinghouse QuickFinder

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| <a href="#">Earthquake Preparedness</a>          | <a href="#">H1N1 (Swine), Pandemic and Avian</a> | <a href="#">List of WETP Grantees</a> |
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The National Clearinghouse for Worker Safety and Health Training is the national resource for [hazardous waste worker curricula](#), technical reports, and [weekly news](#) on hazardous materials, waste operations and emergency response. Funded by the National Institute of Environmental Health Sciences' Worker Education and Training Program ([NIEHS WETP](#)), the Clearinghouse provides assistance for NIEHS WETP staff, program grantees, and the general public.

The National Clearinghouse's services include disseminating technical information related to safety and health training development, organizing and documenting [NIEHS WETP meetings and workshops](#), and analyzing research products to enhance and support on-going and new initiatives. For more information, please view our [Clearinghouse Fact Sheet](#)  (179 KB).

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### Key Documents



National Institute of  
Environmental Health Sciences

*Worker Education and Training Program*

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**Worker Education Training Branch**

**National Institute of Environmental Health Sciences**

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