



National Institute of Environmental Health Sciences  
*Your Environment. Your Health.*

# NIEHS Worker Training Program Grantee Meeting

**NIEHS Rodbell Auditorium**

**October 24, 2018**





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*Your Environment. Your Health.*

# **Joseph T. Hughes Jr.**

**Director**

**Worker Training Program**

**Division of Extramural Research & Training**

**National Institute of Environmental Health Sciences**



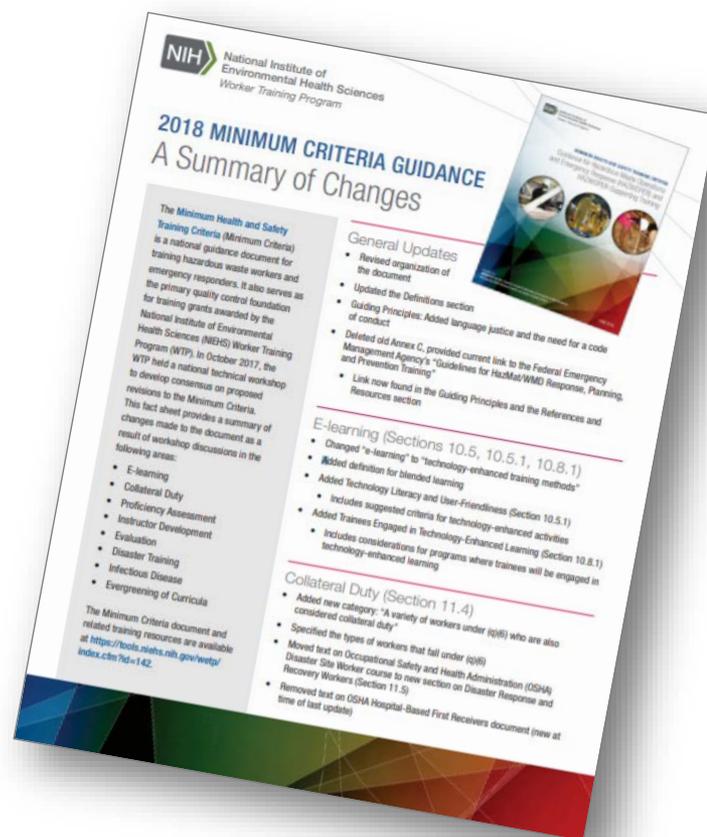
# Welcome to the NIEHS WTP Awardee Meeting

- Program Updates
- Grants Management Update
- Hurricane Florence/Michael Recovery Discussion
- Break
- Concurrent Business Sessions
  - Business Officials
  - HWWT-DOE Program Officials
  - ECWTP Program Officials

# 2018 NIEHS WTP MINIMUM CRITERIA GUIDANCE: A Summary of Changes

The Minimum Health and Safety Training Criteria is a national guidance document for training hazardous waste workers and emergency responders. A summary of changes were made to the document as a result of workshop discussions in the following areas:

- E-learning
- Collateral Duty
- Proficiency Assessment
- Instructor Development
- Evaluation
- Disaster Training
- Infectious Disease
- Evergreening of Curricula



<https://tools.niehs.nih.gov/wetp/index.cfm?id=142>



## **NIEHS WTP Opioids Workplace Training Materials Project**

- NIEHS (WTP) activities in information development, training tool development and dissemination of opioid-related health and safety materials.
- Perform assessment and evaluation activities in the collection, organization, analysis, preparation, processing and reporting of programmatic information related to the Opioid Training project.
- Collect, analyze, organize, and develop training materials to address and support the reduction of the occupational impact of opioid use and abuse.
- Participate and provide a medical and public health perspective to the development of strategy, operations, and evaluation of the WTP Opioid Training Materials Development Project.

## NIEHS WTP/DOE: 2017- 2018 Activities

- National Clearinghouse for Worker Safety and Health Training
  - Began work on DOE Economic Impact Study
- DOE Labor Training Working Group membership
- Safety Culture presentation at the May 2018 SCIP meeting and DOE HQ briefing in July 2018
- Presentation at the June 2018 DOE and DOE Contractors Industrial Hygiene Meeting
- DOE National Training Center hosting of trainers meetings with DOE EFCOG in December in Albuquerque
- DOE Site Grantee Outreach project with Ted Giltz

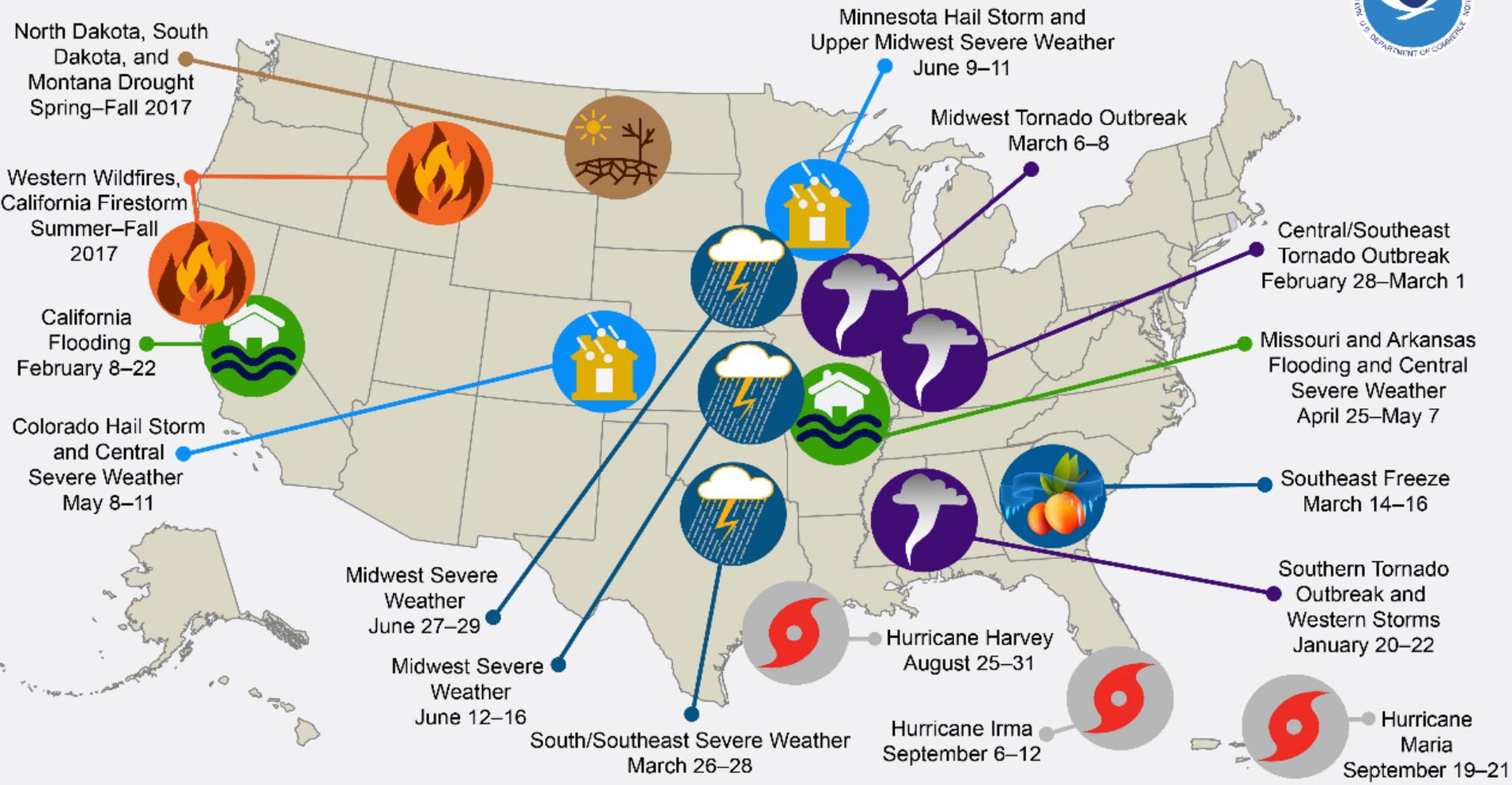


## WTP Funding Future

- Funding Opportunity Announcement (FOA) is planned for release in FY 2019.
- New five year funding for NIEHS WTP cooperative agreements will be available in FY 2020.
- We are working on this active planning process and we would encourage discussions to examine future training challenges, emerging health and safety threats and priority areas for training engagement.



# U.S. 2017 Billion-Dollar Weather and Climate Disasters



*This map denotes the approximate location for each of the 16 billion-dollar weather and climate disasters that impacted the United States during 2017.*



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# **Sharon D. Beard**

**Industrial Hygienist**

**Worker Training Program**

**Division of Extramural Research & Training**

**National Institute of Environmental Health Sciences**



# Key ECWTP Updates and Other Meetings

- DMS Updates for ECWTP
  - Adding in additional fields on employment data and other demographic
    - Added in a new field-Additional Student Information
    - Under Other - name of company/employer

<p><b>Program:</b></p> <p>Student Number: <input type="text"/></p> <p>Age: <input type="text"/></p> <p>Gender: <input type="text" value="M"/></p> <p>Currently Employed: <input type="text" value="No"/></p> <p>Superfund Site: <input type="text" value="No"/></p> <p>Type of Work: <input type="text" value="Asbestos Abatement"/></p> <p>Supplemental Funding: <input type="text" value="NONE"/></p> <p>Additional Student Information: Please enter up to 200 characters of additional information that describes the work the individual is doing including employer, wage rate, skill set, etc.</p>	<p><b>ECWT</b></p> <p><input type="text"/></p> <p><input type="text"/></p> <p><input type="text" value="M"/></p> <p><input type="text" value="No"/></p> <p><input type="text" value="No"/></p> <p><input type="text" value="Asbestos Abatement"/></p> <p><input type="text" value="CARRYOVER"/></p> <p><input type="text" value="NONE"/></p>	<p><b>Training Year:</b></p> <p>Completed Program? <input type="text" value="Yes"/></p> <p>Race: <input type="text" value="American Indian"/></p> <p>Level of Education: <input type="text" value="NO GED"/></p> <p>Prior Employment Status: <input type="text" value="Unemployed"/></p> <p>Site Name: <input type="text"/></p> <p><input type="text"/></p> <p>If Type of Work is 'Other', please specify the type of work.</p>	<p><b>08/01/2017 - 07/31/2018</b> </p>
<p></p>			
<p><input type="button" value="Apply"/></p>			



[Data Entry and Progress Report Schedule](#)

[Entering WTP Data Quick Reference Guide](#)

[Uploading Course Data Using the EXCEL Upload Function Quick Reference Guide](#)

[Uploading Course Data Using the EXCEL Upload Function Webinar Slides - Feb. 2018](#)

[Curricula Catalog Instructions](#)

[Progress Report Training Webinar Slides - Feb. 2017](#)

[Progress Report Training Video - Feb. 2017](#)

[Changing your NIHEXT Account Password](#)

[508 Resources and Checklists](#)

[Training Courses](#)

[Current Worker Training Consortia](#)

# ECWTP Student Demographic Data EXCEL Upload Spreadsheets and Other Information



- Student Demographic Data Upload is being developed for ECWTP Progress Report
- All course offerings for each program is available via Excel Upload
- Existing Training Material is on the left menu bar once you log in to the DMS
- If you need to add new consortium members, look up training courses changing your NIHEXT or add new DMS users, instructions are here.
- Lynn Albert will be in Computer Training Room - A012 from 11-1 pm to answer any questions about DMS



## NIEHS Environmental Career Worker Training Program Update For 09/01/1996-07/31/2018 Final

Year	Students Trained	Placed in Jobs	Percentage of Students Placed in Jobs
1996-2008	7566	5115	68%
2009	379	285	75%
2010	531	372	70%
2011	396	291	73%
2012	366	274	75%
2013	367	279	76%
2014	348	269	77%
2015	397	323	81%
2016	440	334	76%
<b>2017</b>	<b>569</b>	<b>413</b>	<b>73%</b>
<b>Total</b>	<b>11359</b>	<b>7955</b>	<b>70%</b>

# Upcoming Meetings and Activities



- APHA 2018
- 2018 PEPH Webinars and Annual Meeting Information
- Advisory Board Meetings and Other Trainer Activities



**APHA 2018**  
**San Diego, CA**  
**November 10-14, 2018**



**PEPH Webinar: E-Waste and Environmental Health**

November 9, 2018 • noon to 1:00 p.m. EST



**PEPH Webinar: Engaging Health Professionals in Environmental Public Health**

December 7, 2018 • 1:00 to 2:00 p.m. EST



**PEPH Annual Meeting 2018: Reporting Back Research Results**

December 13 – 14, 2018  
Research Triangle Park, North Carolina





# Past and Upcoming Meetings and Activities



NIEHS Spring 2018  
Trainers Exchange

**Spring 2019 WTP Awardee Meeting and Workshop**  
Dates: May 14-16 , 2019  
, Pittsburgh, Pennsylvania  
Topic: TBA



**APHA OHS and NIEHS Opioid Webinar**  
"Preventing and Reducing Opioids Use and Exposure in the Workplace"  
Wed, Oct 17, 2018 1:00 PM - 2:00 PM EDT



**Fall 2019 WTP Awardee Meeting and Workshop**  
October 23 – 25, 2019  
(Wednesday – Friday)  
Research Triangle Park,  
North Carolina  
Topic: TBA

[https://www.niehs.nih.gov/news/events/pastmtg/hazmat/2018/WTP\\_TRX\\_2018/index.cfm](https://www.niehs.nih.gov/news/events/pastmtg/hazmat/2018/WTP_TRX_2018/index.cfm)



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# **Demia Wright**

**Public Health Educator**

**Worker Training Program**

**Division of Extramural Research & Training**

**National Institute of Environmental Health Sciences**

# Time for an Update!

**Communications**



**Evaluation**



# Infectious Disease Response WTP - Year 2



## Ebola Biosafety and Infectious Disease Response Worker Training Program

A Multisector, All-Hazards Approach to Biosafety Preparedness



Health care practitioners in an operations-level training at the Regional Medical Center in Arriator, Alabama. (Photo courtesy of UAE)

The **NIHS Worker Training Program (WTP)** is implementing infectious disease response training for workers across sectors who may be exposed to infectious diseases. This addresses an important gap revealed by the 2014 Ebola outbreak.

The Ebola Biosafety and Infectious Disease Response WTP began June 1, 2016, and will run through May 31, 2019. NIEHS is building federal capacity for biosecurity, biopreparedness, and rapid response to emerging infectious diseases, including developing an infrastructure of trainers and organizations who can be a resource during emergencies.

NIEHS launched the program with the following federal agencies:

- Centers for Disease Control and Prevention (CDC)
- U.S. Department of Health and Human Services Office of the Assistant Secretary for Preparedness and Response
- National Institute of Occupational Safety and Health
- Occupational Safety and Health Administration

The program is funded through a \$10 million transfer to NIEHS WTP via CDC using Ebola emergency supplemental appropriations.

### Program Accomplishments as of May 31, 2018:

Approximately **1,000 courses** to **23,000 workers**, with more than **90,000 contact hours**, and in-person trainings in **37 states** across the country.

Approximately **66 train-the-trainer and trainer development courses** were provided to more than **900 workers** across the country to become trainers or increase their capacity to train.

**94% of training participants** across a variety of courses agreed or strongly agreed that the training prepared them to recognize infectious disease hazards on the job, and **93% agreed or strongly agreed** that the training prepared them to safely respond to infectious disease events on the job.\*

\*Data from four grant recipients using common evaluation questions.

More than **40 new curricula** are available in the **NIHS WTP Clearinghouse Curricula Catalog**.

The curricula include:

- Hands-on skills and adult learning techniques.
- Continuing education credits across several specialties.
- Approval or integration into state and national organizations.

### Occupations Trained:

- Airport/airline workers
- Construction workers
- Custodial/environmental service workers
- Death care workers
- EMS and first responders
- Health care workers
- Homeless outreach teams
- Military personnel
- Nail salon technicians
- Occupational health and safety professionals
- Public health workers
- Security and customs workers
- Volunteers/disaster workers
- Vulnerable populations

Two year totals: Approximately **1,000 courses** to **23,000 workers**, with more than **90,000 contact hours**, and in-person trainings in **37 states**

**94% of training participants** across a variety of courses agreed or strongly agreed that the training prepared them to recognize infectious disease hazards on the job, and **93% agreed or strongly agreed** that the training prepared them to safely respond to infectious disease events on the job.\*

\*Data from four grant recipients using common evaluation questions.

# IDR Year 2

Wide variety of occupational sectors highlighted



# IDR Year 2

## Common Challenges

There is less motivation from organizations when highly infectious pathogens are not in the news.

“The threat of high consequence infectious disease exposure is always present, but **public and employer interest in providing dedicated education and training can wane absent a high visibility public health emergency.**”

“...both the general worker who may casually come into contact with pathogens and the worker who may respond to a disaster or highly hazardous situation **tend to disregard opportunities for training until it becomes necessary...**”



# IDR Year 2

## Common Challenges

It is difficult for organizations and workers to commit to the longer

cases, it is even difficult for them to commit to the shorter awareness-level training.

“Feedback from many organizations that did accept our trainings last year stated they thought **the topic of biosafety and infectious disease was important, but they could not afford for their workers to attend a full-day or multi-day training.**”

“Some populations strongly desire training and **yet can't access it even when it is available.** This cannot easily be solved, as work obligations limit opportunities.”





## Worker Training Program An NIEHS Superfund-Related Activity

The Worker Training Program (WTP) provides health and safety training for thousands of workers who may be involved in handling hazardous materials or in responding to emergency releases of hazardous materials. These workers gain new skills on how to safely handle, remove, and contain hazardous waste, such as chemicals, asbestos, radiation, and lead.

Recognizing the threat posed by dangerous chemicals and other pollutants left in toxic waste dumps nationwide, Congress created the landmark Superfund program in 1980 to clean up various sites. The WTP was created through the Superfund Amendments and Reauthorization Act of 1986, under the Hazardous Substance Basic Research and Training Program (42 USC 9660a).

WTP is part of the National Institute of Environmental Health Sciences (NIEHS), one of the National Institutes of Health. Since 1987, WTP has funded a network of nonprofit organizations that conduct training in every U.S. state and territory. The program is committed to creating a national workforce that can protect themselves, co-workers, and communities from environmental hazards. Training is a key part of the Occupational Safety and Health Administration's federal regulations protecting workers engaged in hazardous waste operations.<sup>1</sup>

Between 1995 and 2017, more than 11,000 workers were trained in the Environmental Career Worker Training Program, with an average job placement rate of 70 percent. Completing the training increased an individual's chance of employment by about 59 percent.



Photo courtesy of International Association of Fire Fighters

### Training Programs

WTP provides grants to labor-based health and safety organizations, academic institutions, and other nonprofit organizations, so they can deliver training to a variety of workers who may face a hazardous work environment, such as:

- Environmental cleanup workers
- Law enforcement officers
- First responders
- Health care employees
- Industrial or construction workers
- Transportation or rail workers

Some training is tailored to specific populations, such as underemployed or non-English-speaking workers.<sup>2</sup> Currently, WTP has six major training programs.<sup>2</sup>

The **Hazardous Waste Worker Training Program**, initiated in 1987, provides occupational safety and health training for workers who may be engaged in activities related to hazardous waste removal, containment, or chemical emergency response. This program is the core component of WTP. More than 3 million workers have been trained since its inception.

# NIEHS Fact Sheet

Under NIEHS Brochures and Fact Sheets

Printed glossy copies available free of charge

<https://www.niehs.nih.gov/health/materials/index.cfm>

# Alabama and New Jersey State Profiles – Coming Soon!

<https://www.niehs.nih.gov/careers/hazmat/accomplishments/index.cfm>



# Evaluation Community of Practice Webinar

**Date:** Monday, November 26,  
3-4 PM EST

**Main Topic:** International  
Association of Fire Fighters –  
five year evaluation review

Email [demia.wright@nih.gov](mailto:demia.wright@nih.gov) to  
be added to the list

