NIEHS Worker Training Program Grantee Meeting

March 16, 2020

Welcome to our Virtual Grantee Meeting

This is not a science fiction movie!

WTP Grantees Meeting-Program Update

2:00 – 3:15 p.m. Welcome/NIEHS Update

Joseph "Chip" Hughes Jr., Sharon Beard, Demia Wright, Kathy Ahlmark, Jim Remington and Jenny Greer, NIEHS

• 3:15 – 3:30 p.m. Legislative Update

Jed Bullock, NIEHS

• 3:30 – 3:45 p.m. NIEHS National Clearinghouse Update

Deborah Weinstock, NIEHS WTP Clearinghouse

3:45 – 4:00 p.m. Miscellaneous updates

Training Tool Focused on Prevention and Response

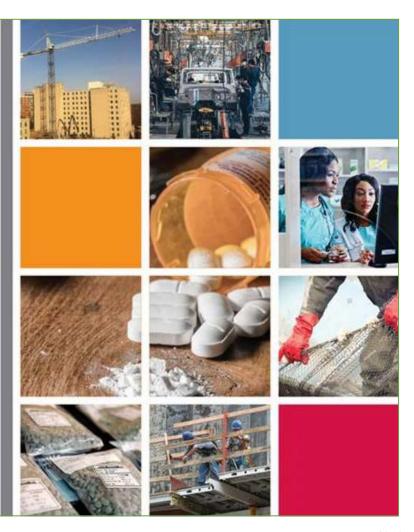


Opioids and the Workplace: Prevention and Response

July 2019

This publication was made possible by contract number HHSN273201800203P from the National Institute of Environmental Health Sciences (NEHS), NIH.

The content of this publication does not necessarily reflect the views or policies of HHS.



Phase I: Opioids and the Workplace Project

Received award from NIH Office of Disease Prevention (ODP) and Office of Behavioral and Social Sciences Research (OBSSR)

Needs assessment

- Stakeholder listening sessions
- Review of literature, major guidance, and existing training courses

Pilot training

- Pilot the
 "Opioids and
 the Workplace:
 Prevention and
 Response" tool
- Four locations (WA, MA, NY, WV)

Evaluation

- Pre- and post-test instruments and evaluation forms
- Quantitative data on % agreement between tests
- Qualitative data from discussions

Common Themes from Listening Sessions

- Job-related injury is a common pathway for opioid addiction among workers
- Stressors, such as trauma, short staffing, and workplace violence, can be a pathway to substance use and/or addiction
- Drug-testing, access to treatment, workers' comp system, and stigma pose significant challenges
- Some workers embrace assistance programs (EAPs, MAPs), while others are skeptical

- There are connections between mental health, misuse of opioids, and addiction
- Some workers are not aware of the signs and symptoms of substance abuse or addiction
- Most health and safety experts are not comfortable addressing the subject matter of addiction

Phase II: Opioids and the Workplace Project

Goals: Long-term evaluation, trainer and leadership development

Evaluation

Trainer Module

Leadership Module

- Conduct survey and 6-month evaluation to gather data on outcomes, stories, testimonials from pilot training participants
- Develop new trainers who will learn to instruct using the revised/ improved "Opioids and the Workplace" training tool and corresponding instructor manual (train-thetrainer (TTT) approach))
- Develop new leadership module for people in union/non-union settings that have power to change policies, procedures, and workplace culture (e.g., line supervisors, union officials, community leaders, etc.)

Phase II: Opioids and the Workplace Project

Goals: Long-term evaluation, trainer and leadership development

Evaluation



Work with grantees and partners to pilot the TTT and leadership modules

Trainer Module

Leadership Module



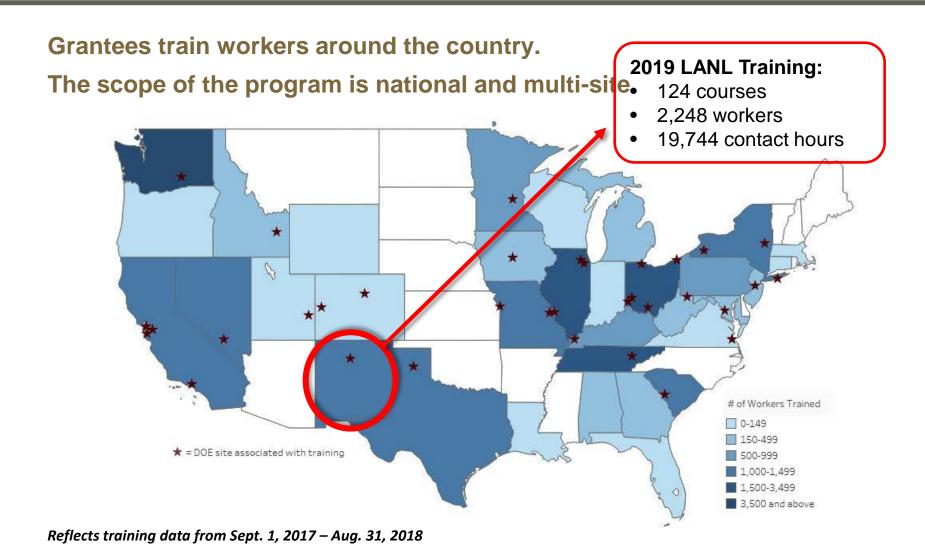
Use data gathered from 6-month evaluation and pilots to create a toolkit and best practices document

NIEHS/DOE Nuclear Worker Training Program Overview

NIEHS Program Contacts

- Chip Hughes, Program Director
- Demia S. Wright, Public Health Educator
- Ted Giltz, DOE/EFCOG Program Liaison (Contractor)





NIEHS/DOE Nuclear Worker Training Program

Program Inception

1993

Since then, more than

651,000 workers trained

44,600 courses provided

8.5 million contact hours

2019 Program Year

7 grantees received \$9,346,048

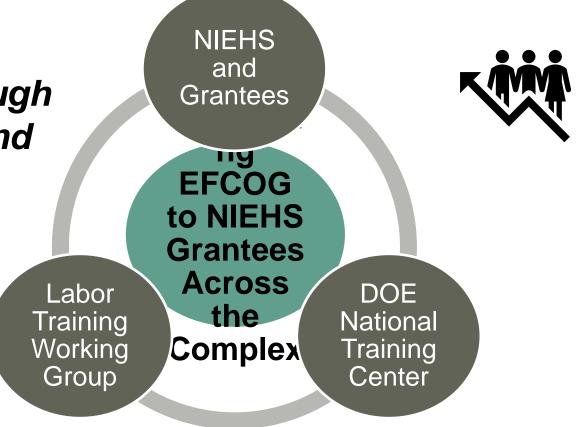
29,705 workers trained

Over 50 course titles delivered

Success through partnership and collaboration

Ted Giltz S&H Program Liaison







WTP: National Resource in Disaster Preparedness and Response

Wildfires, Floods, and Mudslides: Training workers and volunteers to cleanup disaster debris and ash, with concerns for lead, asbestos, flammable liquids, and other hazards

Hurricane Recovery: Disaster safety training delivered in TX, FL, PR, NC in response to Hurricanes Harvey, Irma, Maria, Florence, Michael, and Matthew

Built local capacity for delivering future training

Disaster Relief Act 2019: Awarded five grantees supplemental funding to deliver training in nine states and one territory: CA, LA, NC, TX, MS, FL, AL, AK, TN, Guam

All hazards includes infectious diseases: Capacity to respond to infectious diseases increased under Ebola funding; now part of WTP all hazards approach



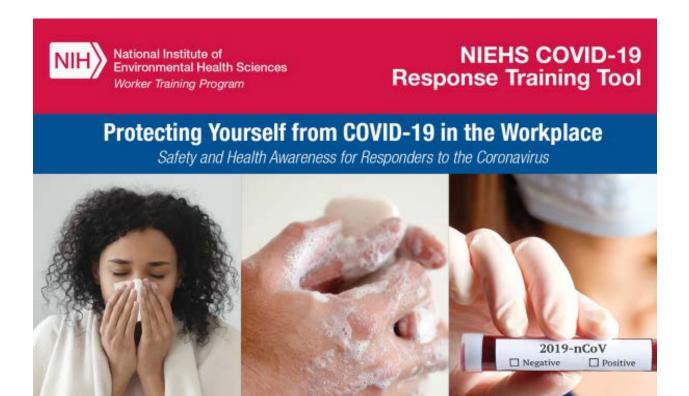
National Institutes of Health U.S. Department of Health and Human Services

Disaster Relief Act of 2019

- Awarded five organizations supplemental funding to deliver training in specific counties with federal disaster declarations
 - Nine states and one territory: CA, LA, NC, TX, MS, FL, AL, AK, TN, Guam
- Will include response and recovery from wildfires, floods, hurricanes, and typhoons
- Organizations plan to deliver more than 100 courses to approximately 1,500 individuals, with more than 17,500 contact hours
- To date, 429 workers trained in 10 courses for 2,209 contact hours
 - NC: General Construction Safety and CPR/First Aid
 - CA: Respiratory Protection, 40-hour Site Worker, and General Construction Safety
- Upcoming Example: April OSHA courses for Guam Community College



NIEHS WTP COVID-19 Training Initiative



March 2020

COVID-19 Goals and Learning Objectives

Goal

- Increase health and safety awareness for workers in industries with potential exposure to COVID-19
- Learning objectives: After attending participants will be able to:
- Explain basic facts about COVID-19.
- Assess the risk of workplace exposure to COVID-19.
- Define key steps in worker protection and infection control.
- Identify methods to prevent and response to COVID-19 exposure in the workplace.

Core COVID-19 Worker Protection Principle



NIEHS COVID-19 Response Training Tool

Protecting Yourself from COVID-19 in the Workplace // Safety and Health Awareness for Responders to the Coronavirus

Precautionary Principle

The response to COVID-19 needs to be guided by the 'precautionary principle.'

When it comes to worker safety, we should be driven by the 'precautionary principle' that reasonable steps to reduce risk should not await scientific certainty about the nature of the hazard or risk.

COVID-19 Workplace Safety and Health Plan



NIEHS COVID-19 Response Training Tool

Protecting Yourself from COVID-19 in the Workplace // Safety and Health Awareness for Responders to the Coronavirus

Key Elements: COVID-19 Workplace Plan

- Management leadership and employee participation
- Hazard identification and assessment
- Hazard prevention and control
- Education and training
- System evaluation and improvement
- Family preparedness
- Plan for a pandemic with "increased severity"
 - CDC recommends planning for current severity and "increasing severity"

WTP: Future Directions

- Program recompetition underway: for 2021-2025 funding cycle
- Opioids and the Workplace training tools:
 - Occupational exposure to Fentanyl and other synthetic opioids.
 - Awareness of occupational prevention and assistance to workers and communities
 - In development: Train the Trainer and Leadership courses
- Disaster preparedness and response:
 Ongoing training for recovery workers in California, North Carolina, Midwest, Puerto Rico, U.S. Virgin Islands, Texas, and Florida.
- Job creation and employment for workers: Continued support of Environmental Career Worker Training Program







Sharon D. Beard

Industrial Hygienist Worker Training Program Division of Extramural Research & Training National Institute of Environmental Health Sciences







NIEHS Environmental Career Worker Training Program (ECWTP) Meeting

DECEMBER 10, 2019 8:30 a.m 12:30 p.m	DECEMBER	10, 2019	8:30 a.m. –	12:30 p.m
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8:30 - 8:45 a.m.	Breakfast	Joan Palevsky Center (Building 281)
8:45 - 9:30 a.m.	Welcome and Introductions	.***.
	NIEHS WELCOME: Sharon D. Beard and Chip Hughes	CELEBRATIAG
	UCLA WRUC WELCOME: Linda Delp	
	INTRODUCTIONS AND NIEHS UPDATE: Sharon D. Beard	(25)
9:30 - 10:30 a.m.	UCLA WRUC Presentation	— years —
	OVERVIEW: Linda Delp, UCLA and Butch de Castro, UW	ANNIVERSARY
	ECWTP: Yodit Semu, UCLA	
	Ready to Work	
	DeAndrea Lottier Ross, Janel Bailey, LaTonya Harris, and Mindy Garland; The Los Angeles Black Worker Center	
	 Pathway to Construction Apprenticeship: Innovative Workford 	e Development Program
10:30 - 11:30 a.m.	ECWTP Accomplishments/Outcomes (10-15 minutes each)	
	CPWR: Steve Surtees	

NJ/NY CONSORTIUM: Everett Kilgo

TSU/DSCEJ HBCU CONSORTIUM: Beverly Wright

OAI, INC.: Montgomery Proffit

USW/TMC/MAKE THE ROAD NY: Maiber Solarte

11:30 - 11:45 a.m. Break

11:45 a.m. – 12:15 p.m. Open Discussion and Wrap-up

12:15 - 12:30 p.m. **Break and Grab Lunch**

NIEHS ECWTP and EPA Environmental Workforce Development and Job Training (EWDJT) Joint Meeting

NIEHS ECWTP and EPA Environmental Workforce Development and Job Training (EWDJT) Joint Meeting

DECEMBER 10, 2019 | 12:30 p.m. - 3:45 p.m.

12:30 – 1:30 p.m.

NIEHS Worker Health and Safety Training Programs

PRESENTERS: Sharon D. Beard and Chip Hughes, NIEHS; Linda Delp, UCLA WRUC

Key Observations from NIEHS Principal Investigators/Training Coordinators

1:30 – 1:40 p.m.

Break and Move to Next Session

1:40 - 2:40 p.m.

Concurrent Sessions

Disaster/Emergency Response Training and OSHA UpdatesJoan Palevsky Center (Room A) SESSION FACILITATORS: John Morgan, HMTRI; Bruce McClue III, TSU/DSCEJ HBCU Consortium; Linda Delp, **UCLA WRUC**

- General conversation/relevant training
- New fit test protocol
- Silica protection and training
- Finding and recruiting qualified trainers

SESSION FACILITATORS: Beverly Wright, TSU/DSCEJ HBCU Consortium: Howard Hipes, Michigan BAC/CPWR; Eric

Shanks, Cypress Mandela Training Center, Inc.

- Emerging climate issues
- Apprenticeship
- Work study and internships

Keeping It Real

PRESENTER: Victor Narro, UCLA Labor Center SESSION FACILITATOR: Sharon D. Beard, NIEHS

- Understanding the issues
- Rights and tools for workers around wage theft

Weekly Wage Theft in Los Angeles

- Front-line workers in low-wage industries lose more than \$26.2 million per week as a result of employment and labor violations.
- Adverse impact on communities and the local economies of which they are part.



2:40 – 2:45 p.m.	Break and Move to Next Session
2:45 – 3:30 p.m.	Concurrent Sessions
	Training for Wildfire Recovery, Cleanup, and Resiliency
	Student Record Keeping/Retention and Post Graduate Tracking
	New Emerging Workforce Development Initiative
3:30 – 3:35 p.m.	Move to Next Session
3:35 – 3:45 p.m.	Questions and Wrap-up
3:45 p.m.	Travel to National Brownfields Conference Please note that you will be responsible for your transportation to the Los Angeles Convention Center for the National Brownfields Conference.
December 12	

11:00 AM - 12:00 PM

The ID for our session is 566316 under Track 4: Community Engagement and Environmental Justice.

Careers & Training

HAZMAT Safety & Training

Training Program Areas

Environmental Career Worker Training Program

ECWTP and Joint **ECWTP/EWDJT Meetings** 2019

Website for NIEHS ECWTP & Joint EPA EWDJT Meeting can be found at https://www.niehs.nih.gov/careers/hazmat/trainin g_program_areas/ecwtp/ecwtp_ewdjt_2019/index .cfm.

> National Institutes of Health U.S. Department of Health and Human Services

2019 California Wildfire Training for Workers

Bilingual Wildfire Training- October 23, 2019 – Pasadena Job Center



WHEN ARE EMPLOYERS REQUIRED TO ACT?

The emergency standard is triggered when the AQI (air quality index) for PM2.5 at the worksite exceeds 150. An AQI above 150 indicates that the air is "unhealthy" to breathe. Employers must monitor air quality using publicly accessible forecasts of AQI for PM2.5 or by directly measuring PM2.5 levels at the worksite.



Photo: Cowaymega

WHO DOES THE EMERGENCY STANDARD APPLY TO?

The emergency standard applies to both outdoor and indoor workers who may be exposed to wildfire smoke for more than one hour per day, even if they are not directly impacted by fires.

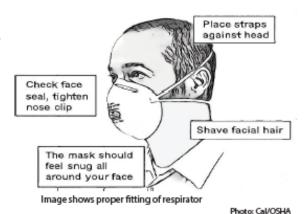
This may include:

- Construction Workers
- Agricultural Workers
- Utility Workers
- Landscapers and Gardeners
- Day Laborers and Domestic Workers

WHAT PROTECTIONS DOES THE EMERGENCY STANDARD PROVIDE?

When the AQI for PM2.5 exceeds 150, employers are required to:

- Communicate with workers about current AQI PM2.5 at the worksite and the potential symptoms of wildfire smoke exposure
- Provide training on the health effects of wildfire smoke, protections available to them, and procedures for obtaining medical treatment
- Reduce workers' exposure to wildfire smoke by providing enclosed building or vehicles with filtered air, relocating work where the AQI or PM2.5 is lower than 151, changing work schedules, lessening work intensity, and/or accommodating longer rest breaks
- Provide respirators (NIOSH-approved N95 filtering face piece respirators) and encourage their voluntary use
- As currently written, the emergency standard requires respirator use along with mandatory fit testing for workers if the AOI for PM2.5 exceeds 500

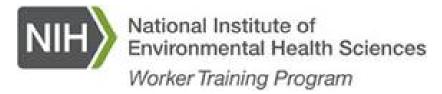


Next Steps

- Clearinghouse interviewing NIEHS ECWTP Grantees- Thanks to Deborah Weinstock and Kenda Freeman.
- Encourage ECWTP Grantees to respond quickly to request for information from Clearinghouse
- Development of website to highlight NIEHS ECWTP 25 Accomplishments and Success Stories
- Link to ECWTP Joint Meeting on Dec 10, 2019
- Link to ECWTP Sharing Successes and Accomplishments Presentation material from May Awardee Meeting in Pittsburgh, PA
- Submitting abstracts to professional conferences about the accomplishments of the program
- Conference call will be set up soon to have a ECWT Breakout Session within the next two weeks

Thank you

Sharon D. Beard Industrial Hygienist/Program Administrator



P.O. Box 12233, Mail Drop K3-14 Research Triangle Park, NC 27709-2233

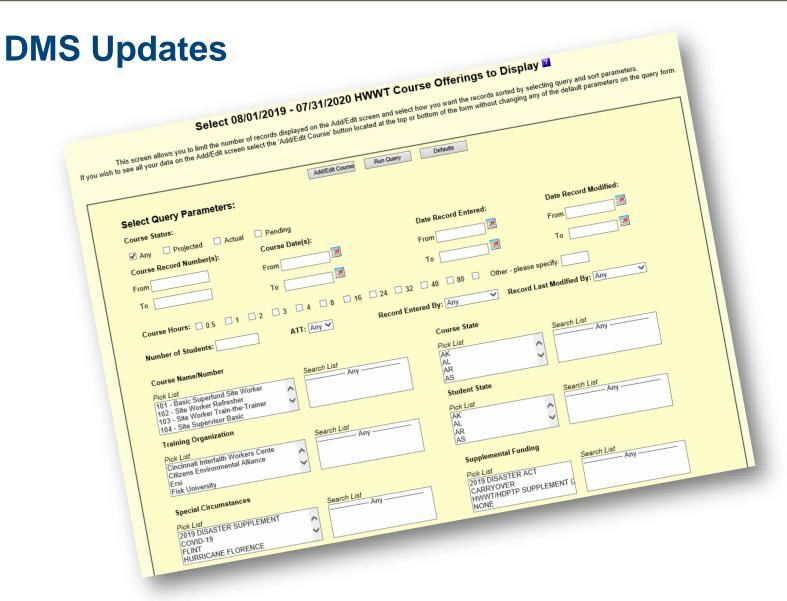
984-287-3237 office; 301-451-5595 fax; 919-491-7802 cell

E-mail: <u>beard1@niehs.nih.gov</u>

http://www.niehs.nih.gov/careers/hazmat/index.cfm

Demia Wright

Public Health Educator
Worker Training Program
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DMS New Courses - Please Use!

- 122 Disaster Site Safety Awareness (previously Katrina Safety Awareness)
- 327 Resiliency Train the Trainer
- 328 Wildland Urban Interface
- 329 Hostile Event/Mass Casualty
- 937 Safety Culture/Safety Leadership
- 939 Safety Culture/Safety Leadership Train the Trainer
- 938 Electrical Safety (e.g., 70e)
- 940 Drug Response Safety and Awareness (previously Opioids Occupational Exposure; includes meth lab awareness)
- 941 Opioids in the Workplace
- 944 Opioids Train-the-Trainer

- 942 Silica Hazards
- 943 Maritime Industry Safety (e.g. OSHA 5410)
- 945 General Construction Train-the-Trainer (e.g. OSHA 500, 502)
- 946 General Industry Train-the-Trainer (e.g. OSHA 501, 503)
- 947 Maritime Industry Train-the-Trainer (e.g., OSHA 5400, 5402)
- 1104 Solar Panel Installation
- 1213 Airborne Transmission Standard

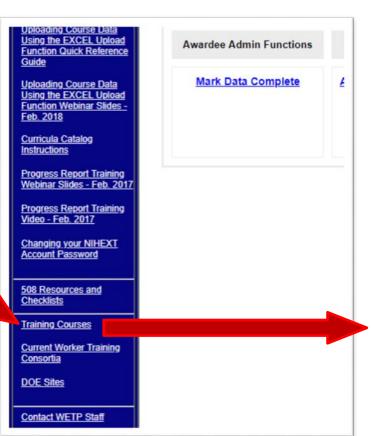
Retired DMS Courses

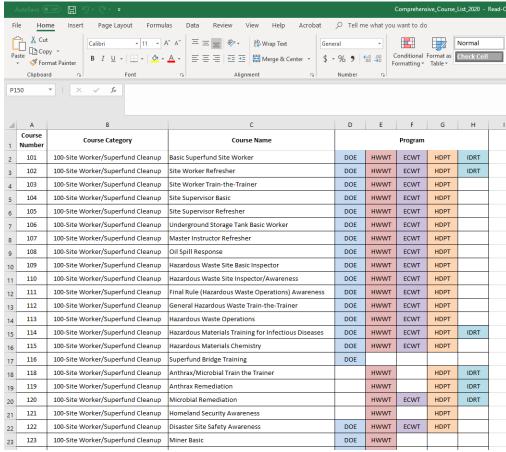
- Have not been used in several years; topics covered under other courses
 - 117 3-Hour WTC Safety and Health Orientation
 - 125 Meth Lab Cleanup
 - 404 Nuclear Power Plant course
 - 606 Asbestos Control Refresher
 - 608 Asbestos Handler Refresher
 - 818 IBT Apprenticeship Training
 - 925 Asphalt paving
 - 1102 Insulation Energy Appraisal

Courses Expanded to Additional Programs

Course Number	Course Name	Now Available For
807	Basic First Aid	HWWT, HDPT, ECWT, DOE
911	Hearing Conservation	HWWT, DOE
928	Flagger	HDPT, ECWT, DOE
929	PPE Awareness	HWWT, HDPT, IDRT
934	Scissor/Aerial Lift	HWWT, HDPT, ECWT, DOE
1001	Work Zone Safety	DOE, HDPT
1004	Safe Tree Removal	HWWT, HDPT, ECWT, DOE
1008	QA and Inspector Safety and Health Awareness	HDPT
1011	Forklift Operator Training Program	DOE, HWWT, ECWT, HDPT

Full List with Program Assignments on DMS Home Page – Left Hand Menu





DMS Data Entry – New Items

- 0.5 hour course option added
 - Justification needed
 - Still rounding to a whole number for all "Other" course lengths



- New question for tracking trainings for Native Americans/Alaska Natives (NA/AN)
 - Were Native Americans, Alaska Natives, or a tribal organization the primary audience?

DMS Data Entry - New Items (cont'd)

- New requirement for Special Circumstances and Supplemental Funding:
 - Must select "None" or another option from the list
 - 2020 Special Circumstances COVID-19 added

DOE Sites in the DMS

- Contact us if a new site is needed
- Fence line/community trainings affiliated with a site – use the site name
- "Multiple DOE sites"
 - Use when trainers/workers from multiple locations are brought together to a training center or other location



- Avoid these unless necessary; explanation will be requested
 - "Non-DOE site": Use only if truly not close to or affiliated with a site
 - "Data not available": Resolve as much as possible

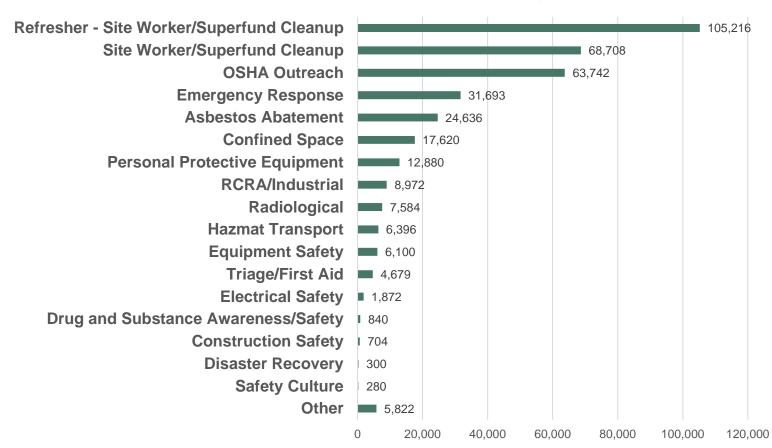
DMS Course Categories for Reporting (no affect on data entry)

- Site Worker/Superfund Cleanup
- Refresher Site Worker/Superfund Cleanup
- RCRA/Industrial
- Emergency Response
- Disaster Recovery
- Biological/Remediation
- Confined Space
- Personal Protective Equipment
- HazMat Transportation
- Radiological
- Asbestos Abatement
- Lead Abatement

- Electrical Safety
- Equipment Safety
- Construction safety
- OSHA Outreach
- Hazard Communication
- Educational Enhancement
- Green
- Safety Culture
- Drug and Substance Awareness/Safety
- Infectious Disease
- Triage/First Aid
- Other

Example from DOE – 2019 Data

Total Contact Hours by Course Category



DMS Questions?



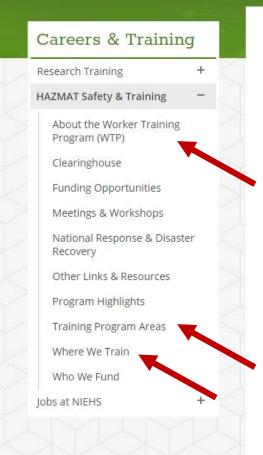




Communication Documents



Web Page Updates www.niehs.nih.gov/wtp



HAZMAT Safety & Training

Worker Training Program

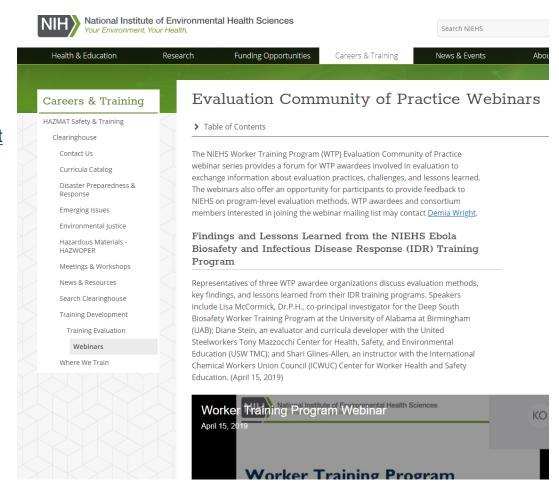


The Worker Training Program (WTP) provides health and safety training for thousands of workers who may be involved in handling hazardous materials or in responding to emergency releases of hazardous materials. More than 4 million workers have been trained since its inception. These workers gain new skills on how to safely handle, remove, and contain hazardous waste, such as chemicals, asbestos, radiation, and lead. As part of NIEHS, WTP uses environmental science to reduce risk and protect worker and public health through training.

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 and communities from environmental hazards. Training is a key part of the Occupational Safety and Health Administration's federal regulations of protecting workers engaged in hazardous

Evaluation Community of Practice Webinars

- Prior materials and recordings on-line https://tools.niehs.nih.gov/wet p/index.cfm?id=2585
- 2020 webinars
 TBD any
 requests or
 ideas?



Kathy Ahlmark

Program Analyst
Worker Training Program
Division of Extramural Research & Training
National Institute of Environmental Health Sciences

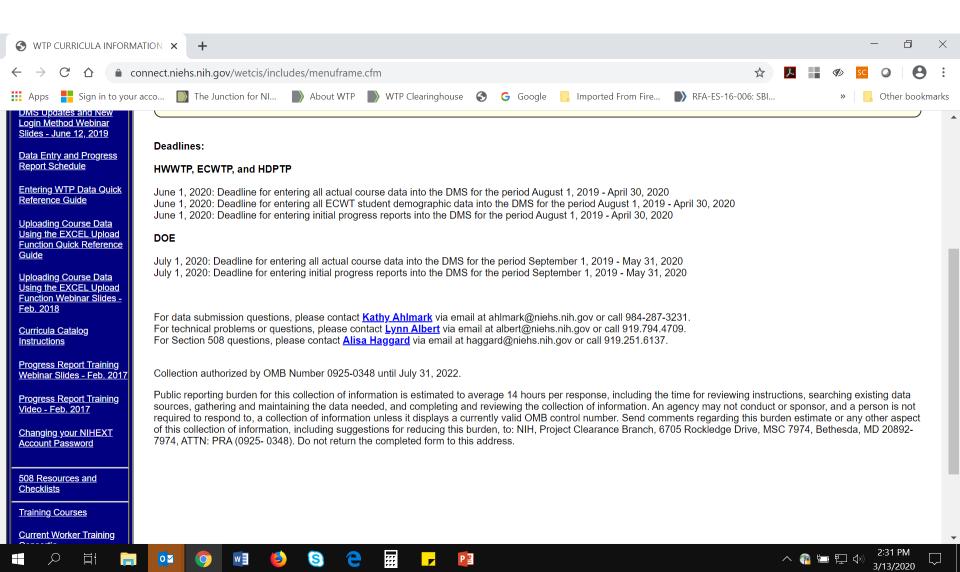
DMS

- Make sure you use new spreadsheets for the upload.
- Conference/Lectures cannot be counted as training.

Can conference presentations or workshops be counted as training, particularly with a large number of attendees?

Most of the time conference presentations cannot be counted. This is not the intent of the NIEHS Worker Training Program grant or the guidance under the Minimum Criteria. However, if the instructor/trainee ratio is approximately 1:25 as indicated in the Minimum Criteria, and there is opportunity for group discussion, small group activities, worksheets, or other interactive activity, the session can be counted as a training. Usually, but not always, this would occur as a pre- or post-conference workshop. A course with more than 25 trainees will need to provide a justification in the DMS, so the situation can be explained there. We recommend confacting your program official before any large event to understand if and how it could count towards training. If a presentation does not count as training, you may include it as an update in your progress report.





SBIR

 Rhett Barnes – Phase II- Realistic Adaptive Immersive Learning System (RAILS) for HAZMAT Site Monitoring, Characterization and Remediation Training

 William Buras – Phase II - VR-Based Evaluation and Training System for Emergency Responders and Managers

 Deborah Voge – Phase I - Immersive Modular Preparedness Intelligent Tutor (IMPRINT)