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

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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

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

- **Leadership Module**
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)
Grantees train workers around the country. The scope of the program is national and multi-site.

2019 LANL Training:
- 124 courses
- 2,248 workers
- 19,744 contact hours

Reflects training data from Sept. 1, 2017 – Aug. 31, 2018
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 Mudsides: 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
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
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

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

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

Topic: ECWTP Update
### NIEHS Environmental Career Worker Training Program (ECWTP) Meeting

**DECEMBER 10, 2019 | 8:30 a.m. – 12:30 p.m.**

<table>
<thead>
<tr>
<th>Time Range</th>
<th>Session Details</th>
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<tbody>
<tr>
<td>8:30 – 8:45 a.m.</td>
<td>Breakfast</td>
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</table>
| 8:45 – 9:30 a.m. | **Welcome and Introductions**  
NIH WELCOME: Sharon D. Beard and Chip Hughes  
UCLA WRUC WELCOME: Linda Delp  
INTRODUCTIONS AND NIEHS UPDATE: Sharon D. Beard |
| 9:30 – 10:30 a.m.| UCLA WRUC Presentation  
OVERVIEW: Linda Delp, UCLA and Butch de Castro, UW  
ECWTP: Yodit Semu, UCLA |
| 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                                                          |

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**NIEHS ECWTP and EPA Environmental Workforce Development and Job Training (EWDJ) 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. **Introductions and Working Lunch**

Joan Palevsky Center (Building 281)

**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 Updates**

Joan 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

**Emerging Environmental and Construction Training Issues**

Joan Palevsky Center (Room B)

**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

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**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.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>2:40 – 2:45 p.m.</td>
<td>Break and Move to Next Session</td>
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<tr>
<td>2:45 – 3:30 p.m.</td>
<td>Concurrent Sessions</td>
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<tr>
<td>Training for Wildfire Recovery, Cleanup, and Resiliency</td>
<td>Joan Palevsky Center (Room A)</td>
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<tr>
<td>PRESENTER: Kevin Riley, UCLA WRUC</td>
<td></td>
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<tr>
<td>• Disasters and recovery</td>
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<td>• Resiliency planning</td>
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<tr>
<td>Student Record Keeping/Retention and Post Graduate Tracking</td>
<td>Joan Palevsky Center (Room B)</td>
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<tr>
<td>SESSION FACILITATOR: Everett Kilgo, NJ/NY Consortium; Elaine Rodriguez, Job Train/CPWR; Susan Seaquist, MassHire MWB</td>
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<tr>
<td>• Records management and managing multiple partners and funding sources</td>
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<td>• Working with employers</td>
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<tr>
<td>• Student tracking strategies</td>
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<td>New Emerging Workforce Development Initiative</td>
<td>Joan Palevsky Center (Room C)</td>
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<td>The Equity, Climate, and Jobs Framework and The High Road Training Partnership</td>
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<tr>
<td>PRESENTERS: Avin Sharma, Port of Los Angeles; Lola Smallwood and Katherine Cabrera, UCLA Labor Center</td>
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<tr>
<td>SESSION FACILITATOR: Yodit Semu, UCLA WRUC</td>
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<tr>
<td>3:30 – 3:35 p.m.</td>
<td>Move to Next Session</td>
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<tr>
<td>3:35 – 3:45 p.m.</td>
<td>Questions and Wrap-up</td>
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<tr>
<td>3:45 p.m.</td>
<td>Travel to National Brownfields Conference</td>
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<tr>
<td>Please note that you will be responsible for your transportation to the Los Angeles Convention Center for the National Brownfields Conference.</td>
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</tbody>
</table>

December 12

11:00 AM – 12:00 PM  
#lifechange: Environmental Career Worker Training Programs  
• The ID for our session is 566316 under Track 4: Community Engagement and Environmental Justice.

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.

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 AQI for PM2.5 exceeds 500

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

Photo: Cowaymega
Place straps against head

Check face seal, tighten nose clip
The mask should feel snug all around your face

Shave facial hair
Image shows proper fitting of respirator

Photo: Cal/OSHA
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

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Research Triangle Park, NC 27709-2233

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Demia Wright

Public Health Educator
Worker Training Program
Division of Extramural Research & Training
National Institute of Environmental Health Sciences
DMS Updates

Select 08/01/2019 - 07/31/2020 HWWT Course Offerings to Display

This page allows you to limit the number of results displayed on the Add/Remove screen and select the courses by selecting the course code. The courses are displayed at the top of the screen and can be modified by the user at any time. The default parameters on the query form remain unchanged.
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

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

- Refresher - Site Worker/Superfund Cleanup: 105,216
- Site Worker/Superfund Cleanup: 68,708
- OSHA Outreach: 63,742
- Emergency Response: 31,693
- Asbestos Abatement: 24,636
- Confined Space: 17,620
- Personal Protective Equipment: 12,880
- RCRA/Industrial Radiological: 8,972
- Hazmat Transport: 7,584
- Equipment Safety: 6,396
- Triage/First Aid: 6,100
- Electrical Safety: 4,679
- Drug and Substance Awareness/Safety: 1,872
- Construction Safety: 840
- Disaster Recovery: 704
- Safety Culture: 300
- Other: 280
DMS Questions?
Communications

Evaluation
Communication Documents
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 on protecting workers engaged in hazardous activities.
Evaluation Community of Practice Webinars

- Prior materials and recordings on-line: https://tools.niehs.nih.gov/wetp/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 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 contacting 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.
Deadlines:

**HWWTP, ECWTP, and HDPTP**

June 1, 2020: Deadline for entering all actual course data into the DMS for the period August 1, 2019 - April 30, 2020
June 1, 2020: Deadline for entering all ECWT student demographic data into the DMS for the period August 1, 2019 - April 30, 2020
June 1, 2020: Deadline for entering initial progress reports into the DMS for the period August 1, 2019 - April 30, 2020

**DOE**

July 1, 2020: Deadline for entering all actual course data into the DMS for the period September 1, 2019 - May 31, 2020
July 1, 2020: Deadline for entering initial progress reports into the DMS for the period September 1, 2019 - May 31, 2020

For data submission questions, please contact Kathy Atkinson via email at kathy.atkinson@nih.gov or call 984-287-3231. For technical problems or questions, please contact Lynn Albert via email at lynn.albert@nih.gov or call 919.794.4709. For Section 508 questions, please contact Alisa Haggard via email at haggard@nih.gov or call 919.251.6137.

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Public reporting burden for this collection of information is estimated to average 14 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0348). Do not return the completed form to this address.
SBIR

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


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