Welcome to the NIEHS WTP Awardee Meeting

• Program Updates
• Grants Management Update
• Clearinghouse Update
• Environmental Careers Training Discussion
• Break
• Concurrent Business Sessions
  – Business Officials
  – HWWT-DOE Program Officials
  – ECWTP Program Officials
WTP Helps Clean Superfund and Other Contaminated Waste Sites

**Superfund Sites:** WTP trained workers assisting with clean-up, e.g.,

- **Picatinny Arsenal** (Rockaway Township, NJ)
- **USS Lead** (East Chicago, IN)
- **Midnite Mine** (Wellpinit, WA)

**2017 Courses:** Over 90 types of courses offered, many tied to Superfund remediation and HAZWOPER regulatory requirements, e.g.,

- Hazardous Waste Site Worker: ~4,100 workers
- Site Worker Annual Refresher: ~8,400 workers
- Asbestos Abatement: ~1,600 workers
- Hazardous Materials Transportation: ~2,200 workers
WTP: National Resource in Disaster Preparedness and Response

2018-19 Hurricanes: Disaster safety training delivered in TX, FL, PR, and USVI in response to Hurricanes Harvey, Irma, Maria, Michael, and Florence

- Built local capacity for delivering future training

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

Supporting Local Preparedness: Providing emergency preparedness training in English and Spanish to residents living near refineries in Richmond, California, following recent refinery explosions.

Past Responses: World Trade Center, Hurricanes Katrina and Rita, Super Storm Sandy, the Gulf Oil Spill, 2016 Louisiana Floods, Flint Water Crisis, and western wildfires.
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.
Opioid Safety presentation objectives

• Participants will:

• Understand the scope of the problem of opioid misuse, addiction and death among workers and how workplace injuries may lead to opioid use disorder.

• Recognize the key elements of a community-based approach to intervening with and preventing occupational opioid use and abuse.

• Be able to access the NIEHS Prevention of Use of Exposure to Opioids Training Tool for development of site specific awareness training

• Plan for a opioid safety pilot training with HAMMER this summer
NIEHS/DOE Nuclear Worker Training Program


• New annual report and fact sheet available
Grantees trained workers around the country in the 2017-2018 program year, with the most workers trained in Washington state.
NIEHS WTP/DOE: 2018- 2019 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 2018 in Albuquerque
• DOE Site Grantee Outreach project with Ted Giltz
NIEHS WTP 2017-19 Hurricane Response Activities

• **Harvey:** HHS Mission Assignment to do a training needs assessment
  – Staff, contractors, and trainers on the ground
  – Implementing Train-the-Trainer and worker/volunteer safety trainings

• **Irma, Maria, Michael and Florence:** Similar plans
  – Making connections at federal, state, and local levels
  – Planning for a Disaster Train-the-Trainer course in multiple states
Learning from Disasters is Key in Preparing for Disasters

• Disaster Research Responder Project (DR2)

• Engaging stakeholders through local disaster exercises:
  – Tucson Neurotoxin train derailment - 2019
  – Storm and flooding disaster, Boston, 2016
  – Hurricane disaster in Houston ship channel, Houston, 2015
  – Tsunami catastrophic event, Los Angeles, 2014
2018-2023
STRATEGIC PLAN
Advancing Environmental Health Sciences
Improving Health

Now available at www.niehs.nih.gov/strategicplan
Worker Training Program Lives the Strategic Plan

• **Advancing EHS**
  - WTP is a health protective program
  - Exposures and susceptibility of those exposed

• **Promoting Translation – Data to Knowledge**
  - Prevention and intervention training and practice
  - Emerging issues: DR2, Ebola, Opioids
  - EJ and HD – promoting Public Health in all communities
  - Partnership – Federal, State, and Local partners and stakeholders

• **Enhancing EHS Through Stewardship and Support**
  - Collaborative Public Health
  - Impact and evaluation
  - Workforce development and life skills
WTP: Future Directions

• **Opioid safety in the workplace:** Development of training tools on limiting use and exposure

• **Infectious Disease and Bio-Defense Preparedness:** Pathogen Safety for response and recovery

• **Disaster preparedness and response:** Continue support for recovery in Texas, Florida, Puerto Rico, U.S. Virgin Islands, North Carolina and California

• **Job creation and employment for workers:** Expanding support of Environmental Career Worker Training Program
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.
Carolina Medina:
A farewell to someone very special to our program
Sharon D. Beard

Industrial Hygienist
Worker Training Program
Division of Extramural Research & Training
National Institute of Environmental Health Sciences
Update on WTP Funding Opportunities Announcements for Next 5 Years

• Tentative Timeline for both Hazardous Materials (U45) and DOE (UH4) Cooperative Agreements
  – FOA Release: July –August 2019
  – FOA Receipt Date: November 2019
  – FOA Information Meeting Date: September 2019

• Concept Clearance materials for WTP U45, UH4 and E-Learning SBIR (R43/44), minutes of NIEHS -National Advisory Environmental Health Sciences Council (NAEHSC) meeting and E-Factor article on meeting for September 11, 2018
  – https://www.niehs.nih.gov/about/boards/naehsc/index.cfm (minutes)
Brownfields 2019 – Los Angeles, CA – Dec 11-13, 2019
WRUC will host our NIEHS ECWTP Awardee Meeting

NIEHS WTP ECWTP
Meeting will most likely be Dec 10, 2019
# NIEHS Environmental Career Worker Training Program (ECWTP Updates)

*NIEHS ECWTP (formerly MWTP)*

24-year Training Summary for the Budget Period
Aug. 1, 1996 – July 31, 2018*

<table>
<thead>
<tr>
<th>Year</th>
<th>Students Trained</th>
<th>Placed in Jobs</th>
<th>Percentage of Students Placed in jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996-2008</td>
<td>7,566</td>
<td>5,115</td>
<td>68%</td>
</tr>
<tr>
<td>2009</td>
<td>379</td>
<td>285</td>
<td>75%</td>
</tr>
<tr>
<td>2010</td>
<td>531</td>
<td>372</td>
<td>70%</td>
</tr>
<tr>
<td>2011</td>
<td>396</td>
<td>291</td>
<td>73%</td>
</tr>
<tr>
<td>2012</td>
<td>366</td>
<td>274</td>
<td>75%</td>
</tr>
<tr>
<td>2013</td>
<td>367</td>
<td>279</td>
<td>76%</td>
</tr>
<tr>
<td>2014</td>
<td>348</td>
<td>269</td>
<td>77%</td>
</tr>
<tr>
<td>2015</td>
<td>397</td>
<td>323</td>
<td>81%</td>
</tr>
<tr>
<td>2016</td>
<td>440</td>
<td>334</td>
<td>76%</td>
</tr>
<tr>
<td>2017</td>
<td>562</td>
<td>392</td>
<td>70%</td>
</tr>
<tr>
<td>2018</td>
<td>569</td>
<td>423</td>
<td>74%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11,921</strong></td>
<td><strong>8,357</strong></td>
<td><strong>70%</strong></td>
</tr>
</tbody>
</table>

* The 1996-2008 numbers include numbers from the NIEHS/EPA Brownfields Minority Worker Training Program

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[Image source: freepik.com]
Curricula Catalog Upload

• Curricula must be uploaded to National Clearinghouse

• Updates should be done after any major revision

• TIPS
  – Any updated tools, resources, handouts and other material may need to be updated
  – National Clearinghouse at 202-331-7733 or email wetpclear@niehs.nih.gov
OTHER ISSUES

DMS Checks and Balances

If there is a change in program staff, please ask for those people to be removed from DMS, etc.

Send in your program evaluations to your program official
Demia Wright
Public Health Educator
Worker Training Program
Division of Extramural Research & Training
National Institute of Environmental Health Sciences
DMS Updates – **Lynn and I will do a webinar soon!**

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

This screen allows you to limit the number of records displayed on the Add/Edit screen and select how you want the records sorted by selecting query and sort parameters. If you wish to see all your data on the Add/Edit screen select the ‘Add/Edit Course’ button located at the top or bottom of the form without changing any of the default parameters on the query form.

**Select Query Parameters:**

- **Awardee:**
  - Any
  - Alabama Fire College
  - CPWR - The Center for Construction Research and Training
  - International Association of Fire Fighters

- **Course Status:**
  - Any
  - Projected
  - Actual
  - Pending

- **Course Record Number(s):**
- **Course Date(s):**
- **Date Record Entered:**
- **Date Record Modified:**

- **Course Hours:**
  - 1
  - 2
  - 3
  - 4
  - 8
  - 16
  - 24
  - 32
  - 40
  - 80
  - Other - please specify:

- **Number of Students:**

- **ATT:**
  - Any

- **Record Entered By:**
  - Any

- **Record Last Modified By:**
  - Any

- **Course Name/Number**
  - Pick List
    - 101 - Basic Superfund Site Worker
    - 102 - Site Worker Refresher
    - 103 - Site Worker Train-the-Trainer
    - 104 - Site Supervisor Basic
  - Search List

- **Training Organization**
  - Pick List
    - Sub1
    - Sub3
  - Search List

- **Course State**
  - Pick List
    - AK
    - AL
    - AR
    - AZ
  - Search List

- **Student State**
  - Pick List
    - AK
    - AL
    - AR
    - AZ
  - Search List
DMS Courses

• New Courses! Please use!
  – 327 – Resiliency Train the Trainer
  – 937 – Safety Culture/Safety Leadership
  – 939 – Safety Culture/Safety Leadership Train the Trainer
  – 938 – Electrical Safety (e.g., 70e)
  – 940 – Opioids Occupational Exposure
  – 941 – Opioids in the Workplace
  – 1213 – Airborne Transmission Standard

• New ones soon to come –
  – OSHA Outreach TtTs for Industry and Construction
  – Changing 122 “Katrina Safety Awareness” to something like “Disaster Site Safety Awareness”
  – Other small tweaks
DMS Course Categories

• Creating refined list of course categories for reporting out across programs. *(DMS course numbers won’t change)*

DRAFT:

• Site Worker/Superfund Cleanup
• Site Worker/Superfund Cleanup Refresher
• RCRA/Industrial
• Radiological
• Asbestos Abatement
• Lead Abatement
• Emergency Response
• Biological/Remediation
• HazMat Transportation
• Educational Enhancement
• Green
• Confined Space
• OSHA Outreach
• Personal Protective Equipment
• Hazard Communication
• Safety Culture
• Infectious Disease
• Triage/First Aid
• Electrical Safety
• Equipment Safety
• Construction safety
• Other
DMS Data Entry and Upload

- Fixed defaults to “Alaska” and “Amchitka Island Test”

- Reminder to use Special Circumstances and Supplemental Funding
  - SC – 8 choices!
  - Can fix prior yrs
DMS Data Entry and Upload (cont’d)

• Careful about data integrity with upload
  – E.g. if you filter and sort, make sure all columns are included or rows will misalign

• Tracking trainings for Native Americans/Alaska Natives (NA/AN)
  – This year started asking people to enter comment in DMS remarks field on number NA/AN trained in a course
  – Is a check box for NA/AN easier than remarks?
    • Yes/no and then if yes, # AN/AN trained
DOE Sites in the DMS

• Let us know if you need a new site added

• Looking at more carefully
  – “Multiple DOE sites”
    • Most often used when trainers from multiple locations are brought together to a training center
  – “Non-DOE site”
    • Use only if truly not close to or affiliated with a site
    • Do not use for fenceline/community trainings affiliated with a site
  – “Data not available”
    • Resolve as much as possible
Section I. "What's Helpful" Table

<table>
<thead>
<tr>
<th>Content</th>
<th>What's helpful?</th>
<th>What's not helpful?</th>
</tr>
</thead>
</table>
| Length and overall text | • Be succinct (10-15 pp ideal)  
• Get to the point  
• Avoid repetition  
• Point to highlights – what do you think was most important/interesting/significant? And where did this happen?  
• Include work with special populations | • 25+ pages  
• Repeating same text every year, especially within a 5 (or 3) - year funding period.  
• Tip: Refer us to a previous year for something that doesn’t change from year to year – or cut it if not important.  
• Tip: If applicable for a section, reference original material in HWWT for HDFTP or ECWTP |
| Summary of Training Data | • Be clear on what training you proposed, what was implemented, will you/did you meet your plan, what are challenges to meeting your plan, and | • No reference to what you had proposed/planned for training in relation to what you implemented.  
• DMS and Progress Report training |

Tip: Reuse the material from the previous year if there is no change, or make sure it is included only if it's relevant.
NIEHS DMS Progress Report Key Points

• Avoid repetition from year to year: What happened & what was significant THIS YEAR

• Make it local: key trainings, curriculum, partnerships, locations that:
  – Are significant to your program, to a state, or to a DOE site
  – Have relevance to current events
  – Are of interest to a stakeholder/decision-maker

• Ensure highlights are specific to funding source (e.g., Superfund vs. DOE)

• Highlights and anecdotes
  – How did your training help? Where was the training?
Other Progress Report Tips

• Include newsletters, grey literature, media, etc. in “E. Publications”

• Final report should have same info as interim, just updated for the last few months of program year
Photos – What NIEHS Finds Useful

• Most useful:
  – High resolution, particularly for E-Factor stories and State Profiles
  – Active training: Hands-on or classroom with active engagement of learner, trainers
  – Faces are helpful but not always necessary

• Sometimes: Photos of equipment, haz waste site, posed group

• Usually not: Low resolution, date stamped

• Imbedded in progress report
  – Helpful, but FYI will need to follow-up for original if using in communications

• NIEHS does not require photo releases – up to you
Engaged classroom learning

Yes!
Equipment & materials only/no people
Formal group photos, photos of trainers & key partners
Evaluation Discussion – For Program Breakout

• Requesting feedback on feasibility of answering any or all of these priority evaluation questions

How are we addressing our Congressional mandate and mission of the program through the Hazardous Waste Worker Training Program (HWWT)?

1. How has WTP trained workers for work on Superfund sites under HWWT? How has this helped with site clean-up in US?
2. How has the WTP provided key trainings under HWWT (HAZWOPER 40 hr, refreshers, and any other key courses)?
3. How has the HWWT supported businesses, municipalities, and other organizations through training workers, encouraging safe work environments, and having an economic impact?
Kathy Ahlmark

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

• NIH is “retiring” the NIHEXT login system

• This is the current way grantees log into the Data Management System (DMS)

• The NIHEXT login is being replaced with the iTrust login system.

• This change will be taking place mid- to late-June.
How Will You Enter Data in the DMS?

• The iTrust login system will allow you to use your university login (if your university participates in the InCommon Federation) or a social login (Gmail, Microsoft, PayPal) to log into the DMS

• University logins are strongly recommended if available

• Non-University grantees: It is strongly recommended that you create a Gmail account to use as your login
• The grantees who belong to institutions that can use University logins are: Indiana University Bloomington, Duke University, Emory University, University of Cincinnati, Rutgers University, University of Massachusetts Lowell, University of Texas Health Science Center at Houston Southwest Center for Occupational and Environmental Health, University of Alabama Birmingham, and UCLA

• WTP will be holding a webinar on June 12 to explain the changes and let grantees know what information is needed to set up new logins in the DMS
Current SBIR Awardees

• Cesar Bandera - Augmented Reality Sensor Simulation System for HAZMAT Training

• Gautham Venugopalan - Interactive Training in Emergency Operations for the Response Community

• Margaret Andrews Rush - Preventing Opioid Exposure Training (POET) for First Responders

• Sohail Baig - Enabling Realistic HAZMAT Training Simulations with the PerSim™ Augmented Reality Patient Simulator

• Henry Ryng - HazPrep Worker Training - Community Risk Profile
SBIR

• SBIR E-Learning for HAZMAT and Emergency Response  RFA-ES-19-009

• Letter of Intent Due Date: June 30, 2019

• Application Due Date: July 31, 2019
Jim Remington

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

The HAZMAT Disaster Preparedness Training Program supports the development and delivery of disaster-specific training to prepare workers to respond to natural and manmade disasters.

- All hazards approach (Everything has the potential to be hazardous)
- All disasters are local so local partnerships is a goal
- Emergency Support Activation Plan (ESAP)
- Grant funds and program activities accomplishment
- Preparedness along with task and site specific training are always preferred
Disaster Response and Reporting: What are we doing right or wrong?

• California Wildfires and mudslides
• Post Hurricane damage (NC, PR, TX?)
• Tornados? Flooding?

• DMS Data pulled from 2018 reporting period¹:
  – Courses: 53
  – Workers: 841
  – Contact hours: 7,724
  – Mold, Site Worker, Emerg Resp, Resilience, Construction, Industry

¹ Flagged with hurricane specific (Maria, Irma, Florence, Michael, Harvey, Flint, Wildfires)
Lisa Edwards

Grants Management Officer
Grants Management Branch
Division of Extramural Research & Training
National Institute of Environmental Health Sciences
Grants Management Staff Update

- Jenny Greer
  Chief Grants Management Officer (CGMO)
  Jenny.greer@nih.gov
  984.287.3332

- George Tucker
  Contractor Specialist
  George.tucker@nih.gov

Source: Authors, .......................................................... Journal, Vol: pg-pg, year
Requirements

- **Annual Audit** — Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9611 (k))
  
  - In each fiscal year, the Inspector General of each department, agency, or instrumentality of the United States which is carrying out any authority of this chapter shall conduct an annual audit of all payments, obligations, reimbursements, or other uses of the Fund in the prior fiscal year, to assure that the Fund is being properly administered and that claims are being appropriately and expeditiously considered.

  *Items they look for:*

  Compliance to Terms & Conditions of award
  
  Timely receipt of reports
  
  Audits
Closeout

• Closeout documents are due 120 days after the project period end date.

• Closeout documents include:
  – Final Federal Financial Report (FFR)
  – Final Research Performance Progress Report (FRPPR)
  – Final Invention Statement (FIS) (not required for U45s or UH4s*)