



National Institute of  
Environmental Health Sciences

# WTP Awardee Meeting

May 2, 2023 / Indianapolis, Indiana

**Sharon D. Beard**  
**Director, Worker Training Program**



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## NIEHS Updates



### Budget Overview

**FY24 and FY25 Updates**  
**Friends of the NIEHS**



### Programmatic Issues

NIEHS Strategic Plan

Supplements especially COVID-19 Supplements & Reporting





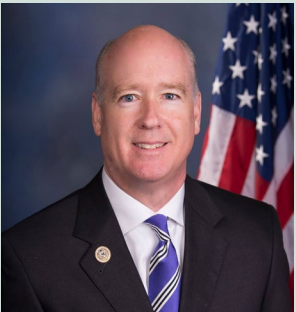



Management of Start and End Dates/No Cost Extensions

Justice 40 and ECWTP

Training of New Staff and PI's on use of NIEHS Grants Systems

HWWT, DOE and ECWTP Stats

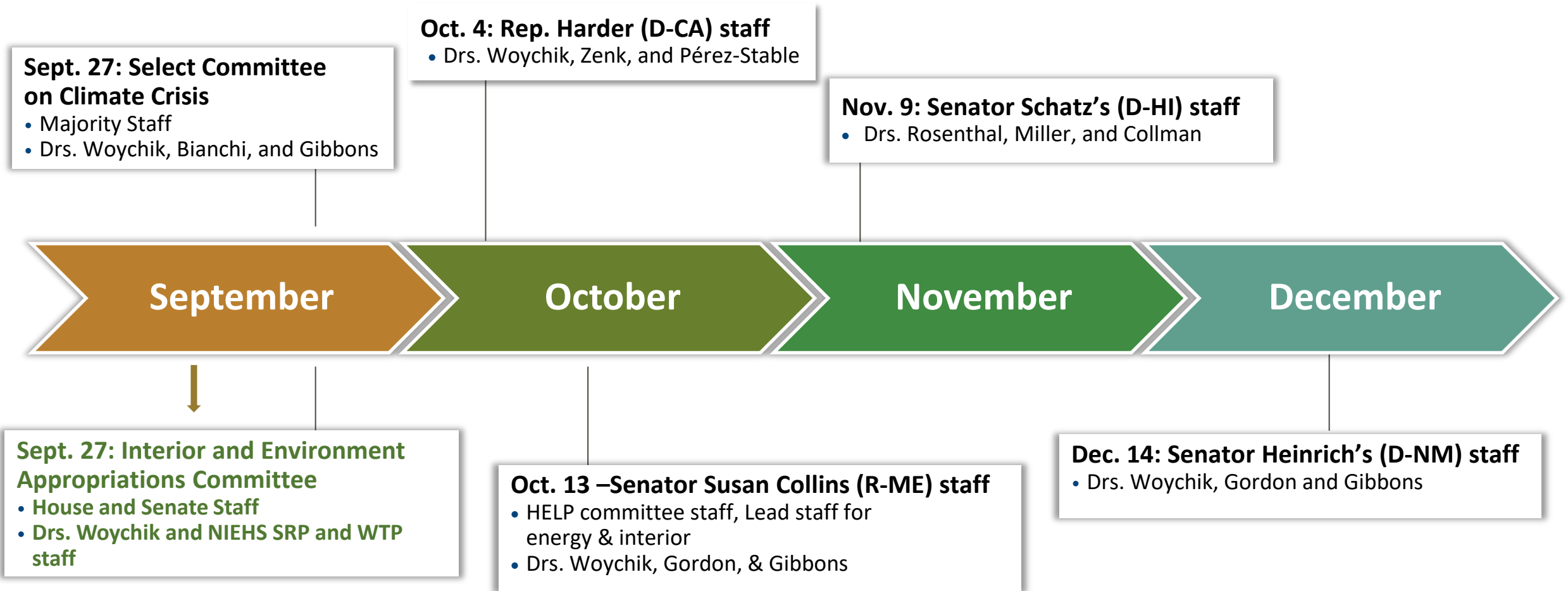
## Leaders in the 118th Congress (2023-2024)

House Appropriations Committee		Senate Appropriations Committee	
			
<b>Kay Granger (R-TX-12)</b> Chair	<b>Rosa DeLauro (D-CT-03)</b> Ranking Member	<b>Patty Murray (D-WA)</b> Chair	<b>Susan Collins (R-ME)</b> Vice Chair
House Labor-HHS Appropriations Subcommittee		Senate Labor-HHS Appropriations Subcommittee	
			
<b>Robert Aderholt (R-AL-04)</b> Chairman	<b>Rosa DeLauro (D-CT-03)</b> Ranking Member	<b>Tammy Baldwin (D-WI)</b> Chair	<b>Shelley Moore Capito (R-WV)</b> Ranking Member

## Leaders in the 118th Congress (2023-2024)

House Interior & Environment Appropriations Subcommittee		Senate Interior & Environment Appropriations Subcommittee	
			
<b>Mike Simpson</b> (R-ID-02) <i>Chairman</i>	<b>Chellie Pingree</b> (D-ME-01) <i>Ranking Member</i>	<b>Jeff Merkley (D-OR)</b> <i>Chairman</i>	<b>Lisa Murkowski (R-AK)</b> <i>Ranking Member</i>
House Energy & Commerce Committee		Senate Health, Education, Labor & Pensions Committee	
			
<b>Cathy McMorris Rodgers</b> (R-WA-05) <i>Chairman</i>	<b>Frank Pallone (D-NJ-06)</b> <i>Ranking Member</i>	<b>Bernie Sanders (I-VT)</b> <i>Chairman</i>	<b>Bill Cassidy (R-LA)</b> <i>Ranking Member</i>

## Fall 2022 CCH Briefings with Congress



## 2023 Congressional Briefings to Date

### Feb. 6: House I&E Subcommittee

- Majority Staff
- NIEHS 101
- Dr. Woychik, Dr. Balshaw, Mrs. Sharon Beard, and Dr. Heacock

### March 13: House Ways and Means

- Minority Staff
- NIH CCH Initiative; CC and Healthcare
- Drs. Woychik, Pérez-Stable, and Bianchi

### March 16: Senators Casey (D-PA) and Brown (D-OH)

- Staff
- East Palestine Train Derailment
- Drs. Collman, Miller, and Balshaw

### April 13: Senators Vance (R-OH), Casey (D-PA) and Brown (D-OH), Senate HELP

- Staff
- NIEHS Activities update on East Palestine Train Derailment
- Drs. Miller and Thompson

January

February

March

April

### Feb. 17: Sen. Heinrich

- Staff
- Update on Climate Change and Health Initiative
- Dr. Collman

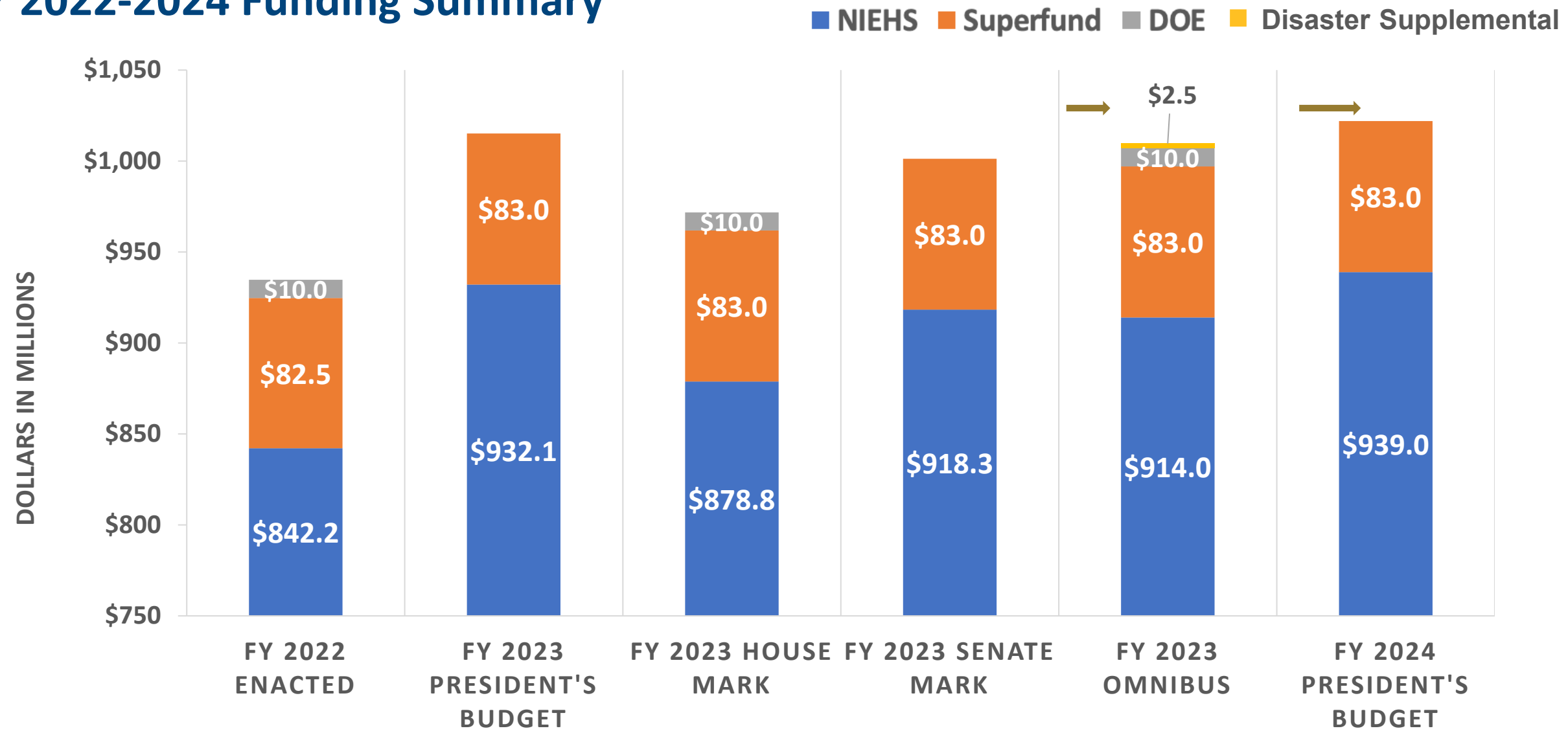
### March 23: House E&C, House W&M, Senate HELP, Senate Finance, Senate EPW, PA and OH delegation offices

- Staff
- HHS response activities for the East Palestine Train Derailment
- Drs. Collman, Miller, and Thompson with CDC/ATSDR, FDA, CMS, HRSA, SAMSA

### April 17: House and Senate Labor-HHS Subcommittees

- Senate Majority and House Minority Staff (Dem Only)
- NIH CCH Initiative
- Drs. Woychik, Pérez-Stable, Gibbons and Zenk

# FY 2022-2024 Funding Summary





## Friends of NIEHS

- Started when Dr. Olden was Director
- Initially a small group of 3-4 organizations
- Has grown to about 40 organizations
- American Thoracic Society and Endocrine Society Co-chairs (Valerie Adelson, ATS and Joe Laasko, ES)



### Membership:

- Non-Health Professional Societies
- Environmental Advocacy Organizations
- Research Toxicology, Laboratory, and Educations Organizations
- Patient/disease focused Research Organizations and Foundations
- Health Professional Societies
- Business

Friends of NIEHS is a broad coalition of organizations, representing public and environmental health, environment, children's, women's and medical communities, support, follow and call attention to the vital work being done by the National Institute of Environmental Health Sciences (NIEHS).

## FNIEHS Meetings and Activities

- Monthly Meetings (Zoom)
- Annual Meeting with the NIEHS Director
- One to two Congressional briefings a year
- Send letters of support for NIEHS Appropriations to the Hill
- Hill Day with NIEHS Researchers and some of FNIEHS member groups



**Friends of NIEHS website:**  
<https://www.friendsofniehs.org/>

# NIEHS Updates



## Programmatic Issues

NIEHS Strategic Plan

Supplements especially COVID-19 Supplements & Reporting

Management of Start and End Dates/No Cost Extensions

Training of New Staff and PI's on use of NIEHS Grants Systems

Justice 40 and ECWTP

HWWT, DOE and ECWTP Stats

## **NIEHS Strategic Plan 2024-2028 (NEW)**

- Our new planning process begins with collecting input from our stakeholder community through:
  - [Request for Information \(RFI\)](#)
  - Stakeholder Community Workshop
  - Listening Session with our National Advisory Environmental Health Sciences Committee (NAEHSC)
- Updates on the Strategic Planning process will be shared at the next NAEHSC meeting on June 6-7, 2023. This meeting is open to the public via webcast. Check back for details on this event on the NIEHS [Live Webcast](#) site.

## Challenges and Opportunities

- Supplements especially COVID-19 Supplements & Reporting
  - RPPR sections on supplemental funding must be done.
  - NGA specifically detail what you must report and how
- Management of Start and End Dates/No Cost Extensions
  - NGA details all start and end dates
- Training of New Staff and PI's on use of NIEHS Grants Systems
  - Allow time for new staff to be trained on DMS, ERA, etc

## Environmental Justice

- [Executive Order 14096  
Revitalizing Our Nation's  
Commitment to  
Environmental Justice for All](#)
- [New EJ Executive Order  
Fact Sheet](#)
- [HHS EJ Scorecard- See  
ECWTP](#)

The National Institute of Environmental Health Sciences Worker Training Program and the Environmental Career Worker Training Program provided \$713,766 to 5 grantees, according to the NIH Research Performance Progress Report. Total funding for ECWTP for this period was \$4,258,886. Funding was used by grantees to expand training to new sites such as Puerto Rico and St. Louis and to train additional students.

# ENVIRONMENTAL CAREER WORKER TRAINING PROGRAM

## JUSTICE40 UPDATE

- EJ SCORECARD -The Environmental Careers Worker Training Program (ECWTP), a training component of WTP, focuses on providing opportunities for individuals from disadvantaged communities to obtain environmental and construction careers. As of March 2023, the ECWTP has delivered 295 courses, to 501 workers, across 93,787 total contact hours in the interim 2023 program year.
- Current job placement: **224 employed (a 48% job placement rate).** \*  
**preliminary data only.**

### NIEHS ECWTP (formerly MWTP)

27-year Training Summary for the Budget Period  
 Aug. 1, 1995 – May 31, 2022\*

Year	Students Trained	Placed in Jobs	Percentage of Students Placed in Jobs
1996-2008	7,566	5,115	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%
2017	562	392	70%
2018	569	423	74%
2019	644	497	77%
2020	455	270	59%
2021	491	305	62%
2022	512	366	71%
<b>Total</b>	<b>14,023</b>	<b>9,795</b>	<b>70%</b>

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

*30th Anniversary of the*

**NIEHS/U.S. Department of Energy**  
**Nuclear Worker Training Program**

5:00 – 7:00 p.m. Reception 

**21ST/PANORAMA BALLROOM**

**Celebrating 30 Years of the NIEHS/DOE Anniversary Program**

- Sharon Beard, Director, NIEHS WTP
- Evan Dunne, Program Manager, Enterprise Learning, National Training Center (NTC), U.S. Department of Energy
- Paul Vandervert, Director, Volpentest HAMMER Federal Training Center, U.S. Department of Energy
- John Morawetz, Former Principal Investigator, International Chemical Workers Union Council Center for Worker Health and Safety (retired)



# NIEHS/DOE Nuclear Worker Training Program

30 Year Anniversary of the Program

Increased partnerships – DOE EM, NTC, HAMMER, etc

As of 2022 Program Year

- Overall: Trained 720,000 workers for 9.3 Million contact hours of training
- 2022 Year: 1890 courses for 23,163 workers trained at 27 sites

## NIEHS Worker Training Program (WTP)



### **Increase worker safety and health.**

Trained nearly 5 million workers since 1987, helping business and municipalities keep worksites and communities safer.



### **Prepare workers for disasters and emergency response.**

Responded to natural and man-made disasters, such as: World Trade Centers; western wildfires; Hurricanes Sandy and Harvey; COVID-19.



### **Provide workforce development and job placement for underemployed individuals.**

Reached approximately 14,023 individuals in 30 communities and sustained an average job placement rate of 70%.

*\*WTP also trains workers at U.S. Department of Energy (DOE) sites (separate from Superfund appropriations)*

## FY2024 Congressional Justification for Superfund Program

- WTP

- 21 funded grants in FY 2022
- Trained over 3.7 million workers since 1987
- Environmental Careers Worker Training Program (ECWTP): Pilot for Justice 40 with annual investment of \$3.5 million generates a \$100 million return
- Trained over 100,000 workers who face potential COVID-19 exposure
- Trained workers on continuing and emerging health and safety hazards such as asbestos, anhydrous ammonia, PFAS, lead, electrical, and trenches. • Implemented lessons learned from COVID-19 into broader pandemic preparedness training/resources.
- Held a workshop on preparing workers for the impacts of climate change.





# **Kathy Ahlmark**

**Program Analyst**

**Worker Training Program**

**Division of Extramural Research & Training**

**National Institute of Environmental Health Sciences**

# Data management System (DMS) Data Entry and Progress Reporting



## DOE

Actual course data for the 2023 training year for the period 8/1/2022 - 4/30/2023 is due in the DMS by 6/1/2023.

Initial progress reports for the 2023 training year for the period 8/1/2022 - 4/30/2023 are due in the DMS by 6/1/2023.

Projected course data for the 2024 training year for the period 8/1/2023 - 4/30/2023 are due in the DMS by 6/1/2023.

Lynn Albert - MDB, Inc. ([albert@niehs.nih.gov](mailto:albert@niehs.nih.gov); 919-794-4709)

## Active 2023 SBIR Awards



Sohail Baig - MEDCOGNITION, INC. Enabling Realistic HAZMAT Training Simulations with the PerSim® Augmented Reality Patient Simulator: Phase II



Jeffery McLaughlin - RADIANT CREATIVE GROUP, LLC Agile development of innovative, interactive hazard recognition and mitigation tools/learning e-platforms for workers involved in disaster rescue and recovery.



Ernest Vincent Cross - CHARLES RIVER ANALYTICS, INC. Immersive Modular Preparedness Intelligent Tutoring (IMPRINT)



Christopher Held - METAMEDIA TRAINING INTERNATIONAL, INC. EC1 is a mobile 360-degree point-of-view learning and gamification tool integrating a VR scenario, APIE response procedures and assessment to test and improve firefighter decision-making and response.



Henry Ryng - INXSOL LLC HazMat Risk Management, Readiness and Training Platform



Two other new Phase I awards are being processed.

# SBIR E-Learning for HAZMAT and Emergency Response (R43/R44 Clinical Trial Not Allowed)

**RFA-ES-23-005**

**Application due date:  
July 14, 2023**

The screenshot displays the NIH Grants website page for RFA-ES-23-005. The page is titled "Department of Health and Human Services" and "Part 1. Overview Information". It provides the following details:

- Participating Organizations:** National Institutes of Health (NIH)
- Components of Participating Organizations:** National Institute of Environmental Health Sciences (NIEHS)
- Funding Opportunity Title:** SBIR E-Learning for HAZMAT and Emergency Response (R43/R44 Clinical Trial Not Allowed)
- Activity Code:** R43/R44 - Small Business Innovation Research (SBIR) Grant - Phase I, Phase II, and Fast Track
- Announcement Type:** Release of RFA-ES-23-005
- Related Notices:** NOT-OD-23-105 - New NIH "FORMS" Grant Application Forms and Instructions Coming to Due Dates on or after January 26, 2023; NOT-OD-23-109 - Implementation Details for the NIH Data Management and Sharing Policy; NOT-OD-23-109 - Implementation Changes for Genomic Data Sharing Plans Included with Applications Due on or after January 26, 2023; NOT-OD-23-111 - Renewal: FORMS of Grant Application Forms & Instructions Must be Used for Due Dates On or After January 26, 2023 - New Grant Application Instructions Now Available
- Funding Opportunity Announcement (FOA) Number:** RFA-ES-23-005
- Companion Funding Opportunity:** None
- Number of Applications:** See Section II. 3. Additional Information on Eligibility
- Assistance Listing Number:** 51.442
- Funding Opportunity Purpose:** This Funding Opportunity Announcement (FOA) encourages Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) that propose to further the development of technology-enhanced training products for the health and safety training of hazardous materials (HAZMAT) workers, waste treatment personnel, disease control personnel associated with an emergency/disaster, emergency responders in biological hazard response, infectious disease response, and medical waste handling, emergency response to disasters, and other related training. Technology-enhanced training products as defined by the Worker Training Program (WTP) include, but are not limited to, supporting training through various means such as online training, mobile device training, virtual reality, and serious gaming. These advanced technologies complement all phases of training that can enhance, supplement, improve, and provide health and safety training for hazardous materials workers. These products must complement the goals and objectives of the WTP. The major objective of the NIEHS WTP is to prevent work-related harm by training workers in how best to protect themselves and their communities from exposure to hazardous materials. The financial support for this initiative comes directly from NIEHS Worker Education and Training Branch SBIR funds.
- Key Dates:**
  - Posted Date:** March 03, 2023
  - Open Date (Earliest Submission Date):** June 14, 2023
  - Letter of Intent (LOI) Due Date(s):** June 14, 2023

**<https://grants.nih.gov/grants/guide/rfa-files/RFA-ES-23-005.html>**



# **Jim Remington**

**Program Analyst**

**Worker Training Program**

**Division of Extramural Research & Training**

**National Institute of Environmental Health Sciences**



# Hazmat Disaster Training Program

## Disasters of Interest

East Palestine Train Derailment

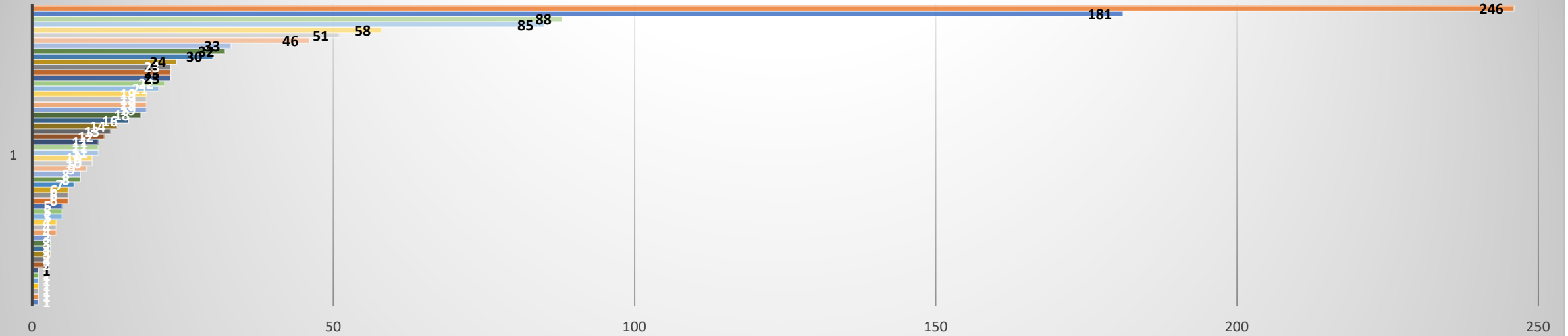
Floods, Tornados, Severe weather, wildfire

Emerging Threats

Threat specific training

Mental health/Resilience training

## 2022 HDPTP COURSES



- Domestic Preparedness Awareness
- Disaster Site Safety Awareness
- Opioids in the Workplace
- HazMat Transportation Awareness
- Safety Culture/Safety Leadership
- Confined Space
- Maritime Emergency Response and Preparedness
- Oil Spill Response
- Hostile Event/Mass Casualty
- Emerg. Resp. Train-the-Trainer
- Evaluation of Industrial Ventilation
- Hospital Emerg. Room Oper.
- General Industry Train-the-Trainer
- HazMat Transporter/Basic
- Infectious Disease Awareness
- Emerg. Resp. Basic Oper.
- General Industry Safety
- Basic First Aid
- Microbial Remediation
- Adult CPR
- Training Methods/Trainer Development
- Emerg. Resp. Incident Command
- Haz. Waste Operations
- PPE Awareness
- Emerg. Resp. HazMat Spec.
- Flagger
- WMD Hospital Staff Operations
- Emerg. Medical Basic/Advanced
- Resiliency
- General Construction Safety
- Muck and Gut
- General Construction Train-the-Trainer
- Emerg. Resp. for Specific Hazards
- Basic Superfund Site Worker
- Emerg. Resp. Refresher
- Hazard Communication
- Homeland Security Awareness
- Master Instructor Refresher
- Blood Borne Pathogen Awareness Course
- CAMEO
- Site Supervisor Refresher
- Domestic Preparedness Technician
- Disaster Site Worker Train-the-Trainer
- Emerg. Resp. Awareness
- Microbial Remediation: Mold and Mildew
- Community-Level Infectious Disease Awareness
- Domestic Preparedness Operations
- Work Zone Safety
- 15 Hour Disaster Site Worker
- Respiratory Protection
- Heat Illness Prevention
- Incident Management Systems Awareness
- Process Safety Mgmt.
- Site Worker Refresher
- Rad. Protection Worker/Basic
- Crane Operators

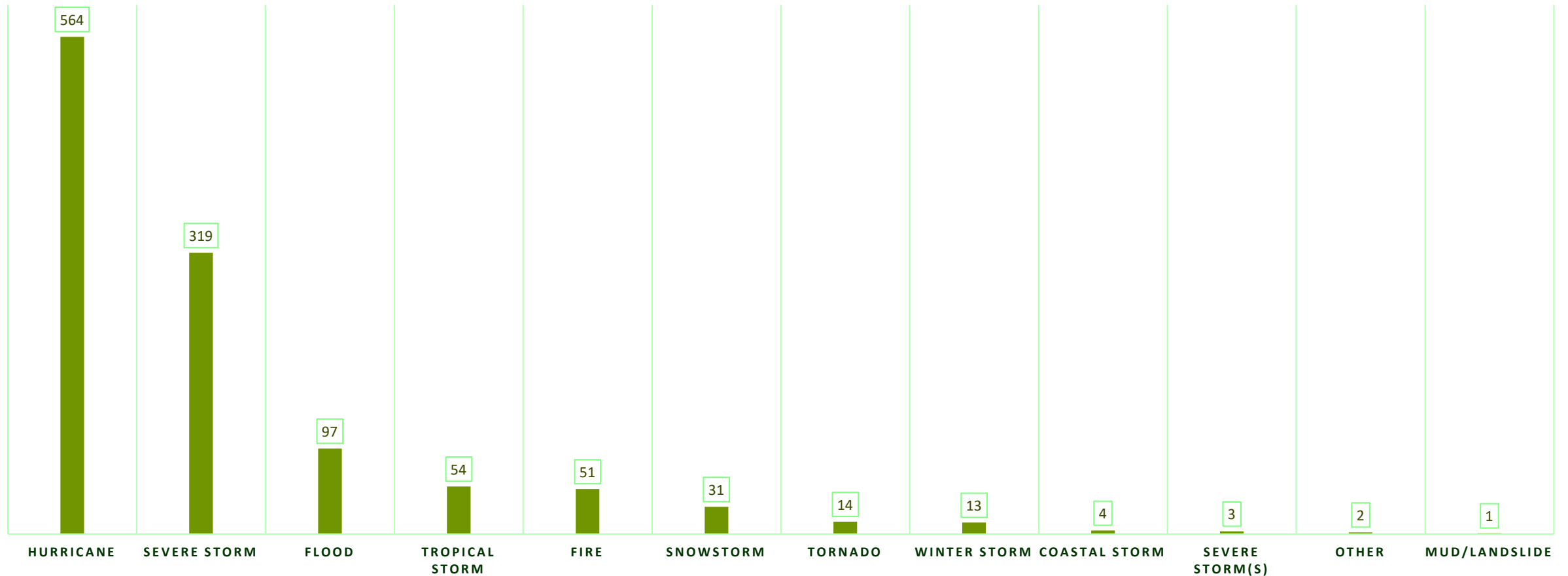
## Notice of Special Interest Opportunity

Supplement: Promoting Health, Safety, and Recovery  
Training following Declared Disasters in 2022

- Closed: April 24, 2023
- Up to \$ 400,000 to be expended by May 31, 2025
- Declared disasters 2022
- Training activities associated with recovery and preparedness

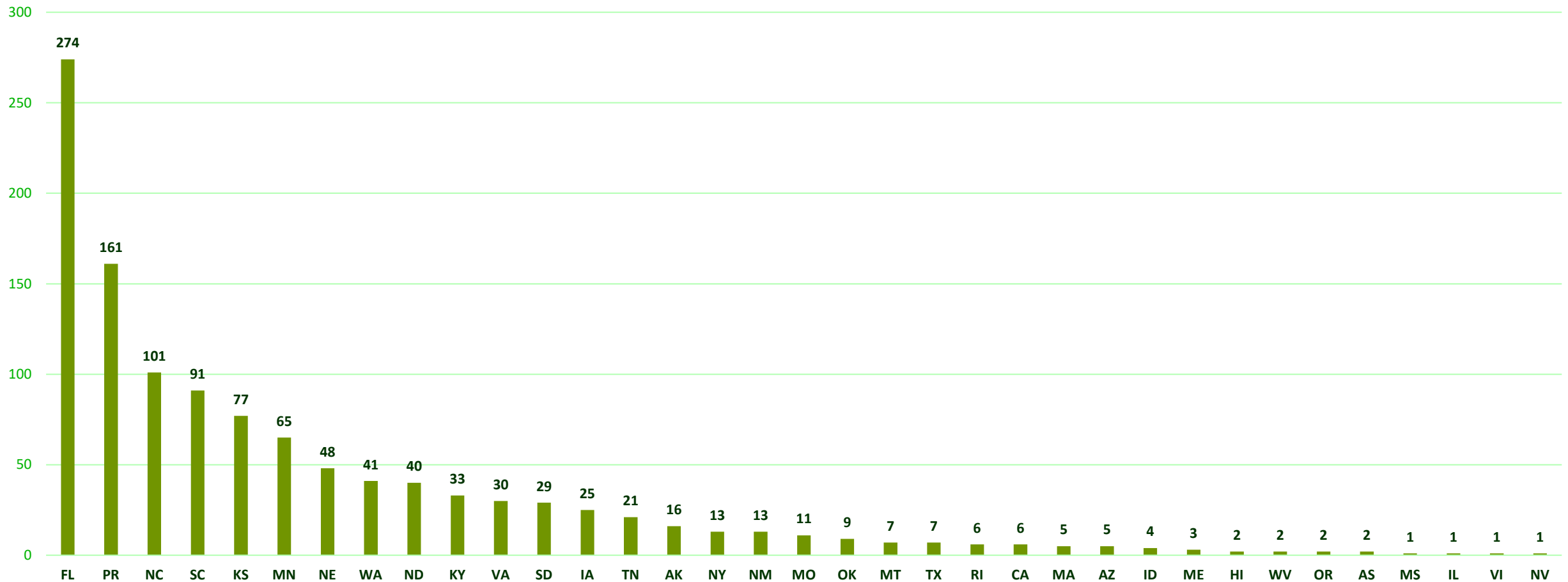
# Declared Disasters by Type

COUNT OF INCIDENT TYPE 2022



# 2022 Declared Disasters by State

Count of State 2022



## Next Notice of Funding Opportunities (NOFO)

Program assembling components of the NOFO

Expect NOFO to hit the streets late Summer 2024

Applications due Fall 2024

Start Summer 2025

## Possible Discussion Topic Breakout Session

### WTP Superfund Core Mission: Superfund Amendments and Reauthorization Act of 1986

- Grants for the training and education of workers who are or may be engaged in activities related to hazardous waste removal or containment or emergency response may be made under this subsection.
- Grants shall be awarded to nonprofit organizations which demonstrate experience in implementing and operating worker health and safety training and education programs and demonstrate the ability to reach and involve in training programs target populations of workers who are or will be engaged in hazardous waste removal or containment or emergency response operations.

# Hazardous Waste and Worker Exposures

Chemical: Production; Spill; Terror; Post Disaster

Biological: Bloodborne; Epidemic; Post Disaster; Terror

Radiological: Loss of confinement; Terror

Known and unknown hazards:

Mixtures

Emerging technologies



## Other Hazards Associated with Hazwaste Cleanup

- **Environmental:** Heat; Cold; Confined Space; Impaired vision
- **Physical:** Slip, Trips, Falls; Elevated; Trench
- **Equipment:** Personal Protection Equipment; Tools; Heavy Equipment; Struck by; Caught Between
- **Mental/Emotional:** Stress; Violence; Substance Use; Bullying

## **Hazmat Exercises**

Ways to keep disaster instructors up to date

Utilize HDPTP funds

Apply training methods in a field environment



# **Gary Johnson**

**Industrial Hygienist**

**Worker Training Program**

**Division of Extramural Research & Training**

**National Institute of Environmental Health Sciences**

## Worker Training Program Mailing List (LISTSERVS)

- [DOE Mailing List](#)
- [Environmental Career Worker Training Program Mailing List](#)
- [Superfund Mailing List](#)
- [Worker Training Administrative Mailing List](#)
  
- [BE AWARE – There will be a confirmation email per each Listserv that is selected.](#)
  
- [OTHER LINKS & REOURCES from the WTP Home Page](#)



**Ken Martinez**

Contractor

## What is the Pathogen Safety Data (PSD) Program?

- Initiated after the 2014 Ebola incident that occurred in West Africa that impacted the U.S. with several Ebola cases
- WTP responded to the event by tracking information and posting resources on Ebola virus disease (EVD)
  - Goal: provide critical safety and health information to protect high-risk populations potentially involved in emergency response and cleanup
- Series of focus group meeting identified major gaps were the difficulty in accessing pathogen safety data that is specific to the needs of worker safety and health
- Development of a Pathogen Safety Data Sheet (PSDS) database could address this identified gap

**“The primary goal of the program was to bridge existing infection prevention and control best practices, microbiological safety data from credible sources, and evidence-based all-hazard risk assessment models as an effort to promote biological safety outside of the laboratory setting.”**

## PSD Knowledge Products Include

- PSD Glossary
- PSD Guide
- PSD Guide and Training Module Fact Sheet
- PSD Guide Training Module
- Four PSD Guide Training Module Case Studies



## What is WTP Proposing to Change with the Pathogen Safety Data Program?

- 6-hour PSD training was not being used by most of the grantees
- Lack of use disrupts the value of the resource
- Speculation that course was too long and too complex that resulted in a reluctance to use

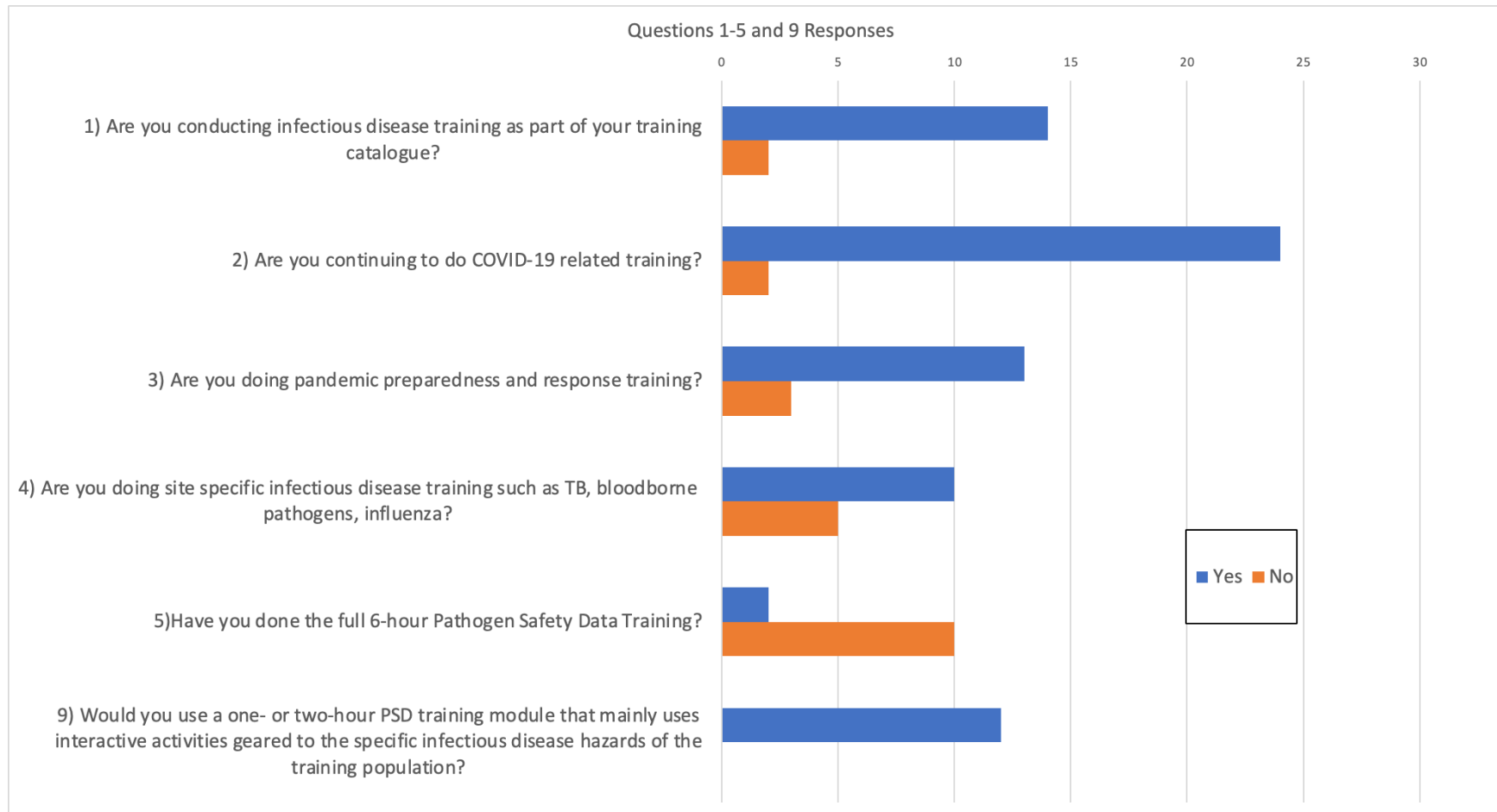


*Proposal for a modification to the program that focuses on more a hands-on exercise experience and a shortened didactic component.*

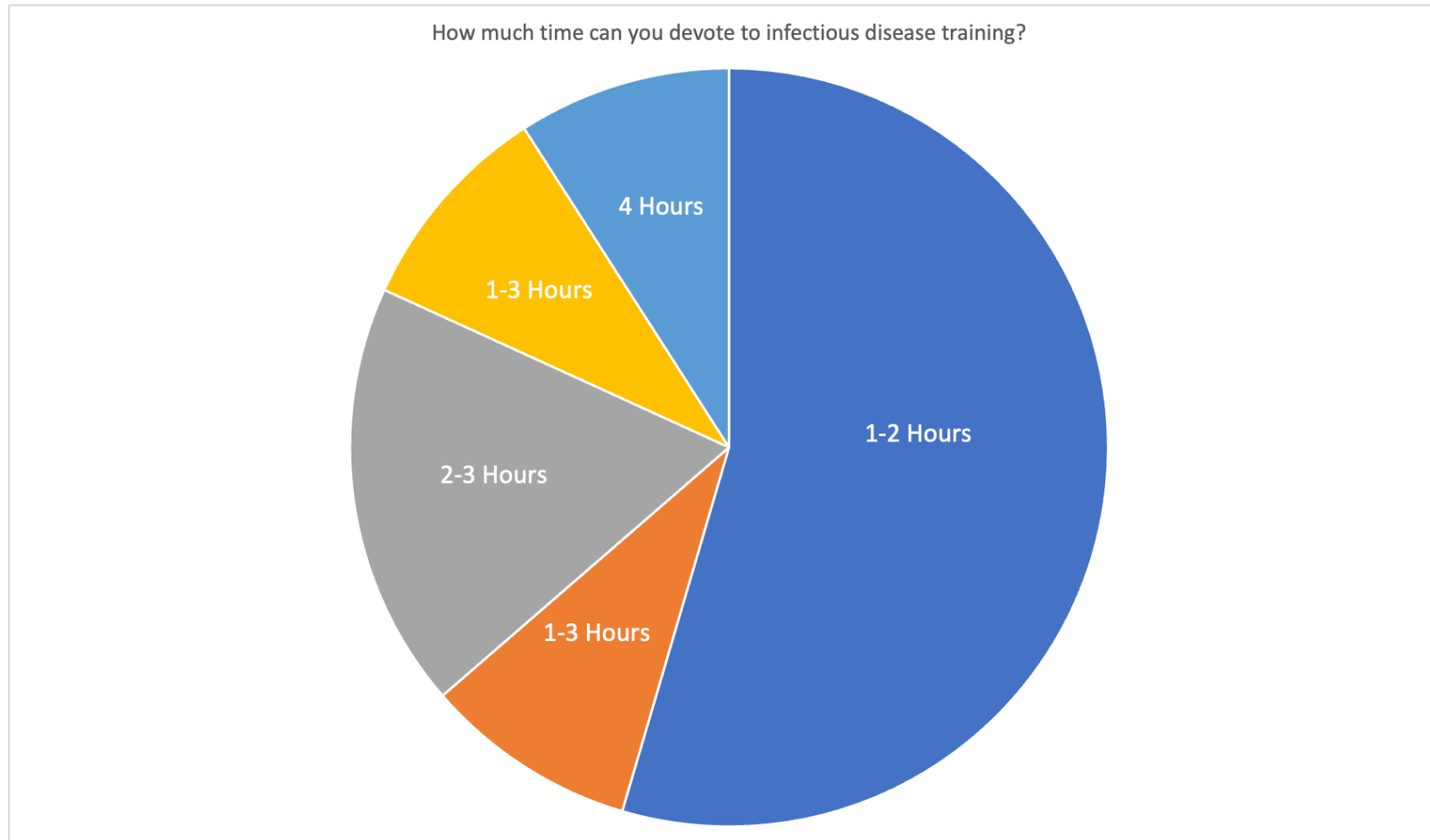
## Grantees were asked a series of questions

1. Are you conducting infectious disease training as part of your training catalogue?
2. Are you conducting infectious disease training as part of your training catalogue?
3. Are you doing pandemic preparedness and response training?
4. Are you doing site specific infectious disease training such as TB, bloodborne pathogens, influenza?
5. Have you done the full 6-hour Pathogen Safety Data Training?
6. If not, why not? If yes, how would you improve it?
7. How much time can you devote to infectious disease training?
8. What are the obstacles/ opportunities to do this type of training with your training populations?
9. Would you use a one- or two-hour PSD training module that mainly uses interactive activities geared to the specific infectious disease hazards of the training population?
10. Any other suggestions?
11. Are there other organizations (such as the International Association of Emergency Managers – IAEM) that would benefit from WTP training.

# Grantee Responses



# Grantee Responses



## Conclusions

- Most of the grantees continue to deliver infectious disease training, 24 of 28
- Confirmed that most of the grantees are NOT delivering the current 6-hour PSD training program
- Most of the grantees supported 1 to 2 hours for the modified training
- PSD course would benefit from an expansion of the case studies to address more recent and relevant occupational infectious diseases
- Shortened PSD course will not result in loss of content for the current 6-hour course
  - Content will remain available for those desiring to deliver the 6-hour course and/or use the existing materials as a resource

## Other Potential Activities

- Review of the Infectious Disease and Biological Hazards Training web page and content
- Creation of new knowledge products for various occupationally-related infectious diseases
- MUSTID other infectious disease resources
- Review of the mold assessment and control knowledge products
- Review of the nanotechnology knowledge products

# Evaluation Resources and Results

**Eric Persaud, DrPH, MEA**



Photo courtesy of Sustainable Workplace Alliance

## Key Activities and Reports

Program evaluation has always been a core part of the WTP's mission.

Since the early 1990s, NIEHS grantees have published their approaches to training and evaluation

Since joining WTP, some key evaluation activities undertaken include:

**Final Report on the Opioid Training Materials Development Initiative.**

[https://tools.niehs.nih.gov/wetp/public/hasl\\_get\\_blob.cfm?ID=11661](https://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=11661)

**COVID-19 Biosafety Training and Infectious Disease Response Evaluation Report.**

[https://tools.niehs.nih.gov/wetp/public/hasl\\_get\\_blob.cfm?ID=13641](https://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=13641)

**Small Business Innovation Research (SBIR) E-Learning for HAZMAT Program Evaluation**

**History of Evaluation and Future Directions for the NIEHS Worker Training Program.**

[https://tools.niehs.nih.gov/wetp/public/hasl\\_get\\_blob.cfm?ID=14041](https://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=14041)

**Biosafety and Infectious Disease Occupational Health Training from the NIEHS Worker Training Program: A Historical Look at Capacity Building that Supported a COVID-19 Response.**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9012162/>



## Evaluation Resources through NIEHS Worker Training Program

NIEHS WTP provides resources for grantees and the broader occupational health and safety training community to develop and implement evaluation practices.

**Evaluation Community of Practice:** Community to share methods & lessons learned

<https://tools.niehs.nih.gov/wetp/index.cfm?id=2585>

**COVID-19 Tip sheet with suggestions and resources:**

[https://tools.niehs.nih.gov/wetp/public/hasl\\_get\\_blob.cfm?ID=11961](https://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=11961)

**Technology Tips for Virtual Meetings and Interactive Online Sessions:**

[https://tools.niehs.nih.gov/wetp/public/hasl\\_get\\_blob.cfm?ID=11941](https://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=11941)

**WETP Logic Model:** [https://tools.niehs.nih.gov/wetp/1/12FallMeeting/wetp\\_logic\\_model.pdf](https://tools.niehs.nih.gov/wetp/1/12FallMeeting/wetp_logic_model.pdf)

**Minimum Criteria:**

[https://tools.niehs.nih.gov/wetp/public/hasl\\_get\\_blob.cfm?ID=11266&file\\_name=WTP\\_Minimum\\_Criteria\\_062818\\_Final\\_508.pdf](https://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=11266&file_name=WTP_Minimum_Criteria_062818_Final_508.pdf)

## J40 Initiative and Preliminary Results of ECWTP Evaluation

ECWTP provides opportunities for individuals from disadvantaged communities to obtain careers  
Participant in Justice40 Initiative – aims to deliver 40% of benefits to disadvantaged communities  
Activities underway for economic impacts and qualitative program evaluation.

Preliminary program evaluation results include:

**Partnerships** are a critical piece of the program, from providing referrals to the hiring of trainees to meet local workforce needs and demands. The partnerships are not limited to within the community but expand to other grantees and the broader community

The **basic life skills** provided by ECWTP enriches trainees with issues that impact them in and out of the workplace

How ECWTP provides **intangible benefits**, beyond increased income were shared as a strength. This often-included stories of how the program improved income stabilization, job satisfaction, life satisfaction, and attitudes

## Intangible Benefits

### Anecdotal benefits to trainees

- 🏠 Building a life and career after incarceration, homelessness, or unemployment
- 👥 Helping and giving back to their community
- 🏠 Ability to buy a home or rent sustainably, pay for children's education, etc.
- 🌱 Path towards leadership position
- ✍️ Life skills and social services benefits
- 📍 Feelings of being supported and helped to move forward in life

“Many of those trainees are coming from these tiny (Alaskan) villages and to give them this training and support around environmental and hazmat issues that they can bring back to these villages adds a whole other kind of impact there, because those communities are so small and tightly knit and are so in need for these kinds of skills and expertise. Training just one or two people from a village can have a huge impact in terms of a way a village operates when it comes to environmental hazards, the way waste is managed, and response to disasters.”

# Thank you!

Please feel free to reach out with questions and comments at:

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