NIEHS Worker Training Program
Grantee Meeting
March 30, 2017

THE CONDADO PLAZA
HILTON
SAN JUAN, PUERTO RICO
Joseph T. Hughes Jr.

Director
Worker Training Program
Division of Extramural Research & Training
National Institute of Environmental Health Sciences
WTP Awardee Agenda

- 1:00–1:05 p.m. Welcome: Royal Ballroom
- 1:05–1:35 p.m. Brief Grantee Introductions
- 1:35–2:30 p.m. NIEHS Updates
- 2:30–2:45 p.m. Clearinghouse Update
- 2:45–3:30 p.m. 2017 Operational Matrix
- 3:30–3:45 p.m. Break
- 3:45–5:00 p.m. Concurrent Sessions
  - Business Official Meeting Royal Ballroom
  - Program Official Meeting Mezzanine, Laguna I
  - ECWTP Meeting Mezzanine, Condado Room
- 5:00 p.m. Adjourn
Outcomes and metrics of success

• Being in a position to choose battles, issues and opportunities as a metric.

• Creating growth and leadership opportunities for younger people.

• Collecting and arraying our sources of data so it can tell us something usable.

• Defining what impacts are durable in the long term -- what is the program's legacy for the future?

• How do we make evaluation into a participatory process with our partners?
Current Operational Matrix

- WTP Program Areas
- Short and Long Term Activities
- Defines roles, Awardees, WTP, and/or Clearinghouse
Javier Saracho Retires from UMET and Rutgers
Javier’s view from his place now in Malaga, Spain....
It was Our Anniversary – Celebrating 50 Years of NIEHS!

- NIEHS hosted the **Environmental Health Science FEST** - a grand meeting of NIEHS-funded grantees

- “FEST” stands for Facilities, Engagement, Scientific Advancement, and Training from December 5-8, 2016 in the North Carolina Triangle Area
A truly historic day at the 50th anniversary NIEHS EHS FEST with the man who really made it all happen!!!
2017 Environmental Justice Implementation Progress Report

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES | WASHINGTON, D.C.

JANUARY 2017

6–8 Grade Winner of the 2016 HHS Earth Day Poster Contest: Cynthia Zou
The National Institute of Environmental Health Sciences
Worker Training Program with the Department of Energy

NUCLEAR WORKER TRAINING PROGRAM

Accomplishments and Highlights

September 1, 2015 to August 31, 2016
NIEHS White Paper on Safety Culture for DOE Workers

The U.S. Department of Energy
Integrated Safety Management System
and Safety Culture Initiatives

A DISCUSSION PAPER
Disaster Responder Resilience Training Carries on!

Be **STRONG** enough to stand alone, **SMART** enough to know when you need help, and **BRAVE** enough to ask for it.
The “retirement” of HHS ASPER Nicole Lurie
NIEHS Initiative on TSCA for Workers

How will the changes to the Toxic Substances Control Act (TSCA) impact workplace chemical safety and health?
Pathogen Safety Data (PSD) Guide Training Module

SEPTEMBER 2016

NOTE: This module should not be used as a comprehensive stand alone safety & health training module on infectious diseases. Rather, users are encouraged to adapt and incorporate this module into new and existing programs. Also, the Trainer notes below each slide contain important information that should be reviewed prior to using this module.
PSD Guide Formats

NIEHS grantees and the safety and health community are encouraged to make use of NIEHS educational resources to strengthen their infectious disease training programs. The Guide can be integrated, adapted, and modified into existing training programs.
• PSD Pilot with LIUNA Training in NYC
PSD Pilot at Emory in Atlanta
Upcoming Events

• Our 2 upcoming meetings:
  Fall in RTP on Oct 16-18 2017 and
  Spring TRX March 19-21 2018 in CA or AZ;

• Please talk to your NIEHS program Administrator if you would like to be a planning committee volunteer
NIEHS Award for ECWTP Economic Study
Sharon Beard

Industrial Hygienist
Worker Education and Training Branch
Division of Extramural Research & Training
National Institute of Environmental Health Sciences
Clifton Baldwin’s Retirement
### Topics to be discussed

1. NIEHS EHS Fest Sessions
2. DOE Environmental Justice and Training Conference – Work Health Equity Curricula
3. CPWR ECWTP Site Visit and HBCU Climate Change Conference – Hosts Dillard and Texas South University
4. Update on Environmental Career Training Program Training Numbers – Sharing Success Stories
6. Brownfields and APHA
7. Podcasts and other stories
Sharing NIEHS Training Strategies: Evaluation Methods, Outcomes, and Impacts

EHS FEST: Wednesday, December 7 (3:15 – 4:45)

Sharon Beard and Demia Wright
Worker Training Program
National Institute of Environmental Health Sciences
Today’s Speakers:

Mollie Dowling, MACD and Sean Phillips
OAi, Inc.
Dynamite Impact through Social Media

Tammy Collins, PhD
NIEHS Office of Fellows’ Career Development
Where Are Postdocs Employed? Looking Back 15 Years—Visualizing the Career Outcomes of NIEHS Postdoctoral Fellows

Sue Ann Sarpy, MS, PhD
Sarpy and Associates, LLC
Innovative Approaches to Improving Effectiveness and Impact of Occupational Health and Safety Training Programs

Discussion
Teaching the Social Determinants of Occupational Health Equity:
NIEHS Educational Resources to Promote Work Environment Justice and Sustainable Jobs

Presenters:
Sharon D. Beard, MS
NIEHS Worker Training Program

Linda Delp, PhD, MPH, University of California, Los Angeles (UCLA)

Deborah Weinstock, MS, National Clearinghouse for Worker Safety and Health Training
Work & Health Equity Module

4 to 6 hour module to help students recognize worker health inequities and how they can be eliminated:

- **Section 1**: Introduction to Occupational Health and Safety
- **Section 2**: Social Determinants of Worker Health & Equity – Pathways through which inequities occur by race/ethnicity, gender, class, immigrant status and age
- **Section 3**: Ways to Better Working Conditions – Strategies and Partnerships
- Includes video clips, case studies, and assignments
Accessing the Curriculum Module

http://losh.ucla.edu/resources-2/work-health-equity-module/

Register – Get password

Download:
- Instructor Guide
- PPT for each section
- Family Work History assignment
First Certified Pre-Apprenticeship Program in Louisiana - http://www.ecpapno.org/

Training Tomorrow's Craftsmen Today


Alumni Profile - Emmanuel Mitchell
November 12, 2015

Emmanuel Mitchell is a 1998 graduate of the New Orleans ECPAP. Emmanuel has reached a multitude of success benchmarks since graduating the program. He entered the ECPAP as a 15 year old, unemployed African American male with a high school diploma.

Since Emmanuel had taken some carpentry training through the Louisiana Technical College system he was able to start as a 2nd Year Apprentice when he joined the apprenticeship program.

Emmanuel was the first ECPAP graduate in the first year the program worked with the Carpenters Union to reach journeyman status. Now in his 30's, Emmanuel is still a Carpenters Union.

Over the years, Emmanuel purchases a truck, got married, purchased a home, built an addition to his house for his wife's beauty shop, and had 3 children. He recently purchased a second home and is renting out his first home.
5th Anniversary HBCU Climate Change Conference 2017 Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 pm</td>
<td>Workforce Development: Creating Strategies to Develop the Resilient Worker in an Extreme Environment</td>
</tr>
<tr>
<td></td>
<td>Dr. Gerald Poje, Fairfax County Human Services Council, <em>Think globally, embed locally for action</em></td>
</tr>
<tr>
<td></td>
<td>Sharon Beard, National Institute of Environmental Health Sciences, <em>Training to Protect Vulnerable Workers and Communities</em></td>
</tr>
<tr>
<td></td>
<td>Donele Wilkins, Green Door Initiative, <em>Workforce Development</em></td>
</tr>
<tr>
<td></td>
<td>Jose Bravo, Just Transition</td>
</tr>
</tbody>
</table>
My Experience and Why Am I Here: Training to Protect Vulnerable Workers and Communities

Sharon D. Beard
Industrial Hygienist, Worker Training Program
National Institute of Environmental Health Sciences

HBCU Climate Change Conference New Orleans, Louisiana | March 18, 2016
ECWTP Awardees

- Center for Construction Research and Training
  - New Orleans, LA; St. Paul, MN; and East Palo Alto, CA.
- OAI
  - Chicago, IL; Dallas, TX; Kansas City KS/MO.
- University of California, Los Angeles
  - Los Angeles, CA; Seattle, WA; and Portland, OR
- Rutgers School of Public Health-NJ/NY Consortium
  - Newark, NJ and New York City, NY
- Dillard University
  - New Orleans, LA; Pensacola, FL; Houston, TX; and Detroit, MI.
- United Steelworkers
  - New York City, NJ

Photo: Katherine Turner.

View the DEOHS Environmental Health Story on PACE, "Investing in Those Most at Risk"
# NIEHS Environmental Career Worker Training Program Update

## Twenty-Year Summary of Training

**For Budget Period 09/01/1996-10/28/2016 Final**

<table>
<thead>
<tr>
<th>Year</th>
<th>Students Trained</th>
<th>Placed in Jobs</th>
<th>Percentage of Students Placed in Jobs</th>
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<tr>
<td>1996-2006</td>
<td>3,499</td>
<td>2,346</td>
<td>67%</td>
</tr>
<tr>
<td>2007</td>
<td>385</td>
<td>241</td>
<td>63%</td>
</tr>
<tr>
<td>2008</td>
<td>317</td>
<td>222</td>
<td>70%</td>
</tr>
<tr>
<td>2009</td>
<td>379</td>
<td>285</td>
<td>75%</td>
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<tr>
<td>2010</td>
<td>531</td>
<td>372</td>
<td>70%</td>
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<tr>
<td>2011</td>
<td>396</td>
<td>291</td>
<td>73%</td>
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<tr>
<td>2012</td>
<td>366</td>
<td>274</td>
<td>75%</td>
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<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><strong>Total</strong></td>
<td><strong>7,425</strong></td>
<td><strong>5,236</strong></td>
<td><strong>71%</strong></td>
</tr>
</tbody>
</table>
University of Washington PACE – (ECWTP) http://deohs.washington.edu/environmental-health-news/investing-those-most-risk


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Over the years, Emmanuel purchases a truck, got married, purchased a home, built an addition to his house for his wife’s beauty shop, and had 3 children. He recently purchased a second home and is renting out his first home. In his career, Emmanuel moved up the ladder to supervisory positions, started his own side business doing residential construction/renovation, and even taught carpentry for the Louisiana Technical College.

Emmanuel is a long-time member of the ECPAP Advisory Board. Emmanuel’s latest milestone was being elected a Trustee of the Central South Carpenters Regional Council.

Building Up: Investing in Those Most at Risk

6.5 million people work at approximately 252,000 construction sites across the nation. 1 in 5 worker deaths were in construction in 2014.

Environmental, and other hazards.

They are also sought after due to the increasing interest.

Each month, an environmental (EE) is conducted by the Environmental Health, Safety, and Security (EHS) team and involves the cooperation of the worker, employer, and union representatives. The EE team conducts the EE by conducting an investigation and inspection of the work site and providing recommendations for improvements.
Upcoming Conferences

- **AIHCE 2017** – Seattle, WA
  - Pathogen Safety session
  - Site Visit to WRUC/Univ. of Washington

- **APHA 2017** – Atlanta, GA
  - Several sessions have been submitted by NIEHS WTP and NIEHS WTP Awardees
    - Jobs and infrastructure development in coastal communities after disasters
    - Worker Vulnerability and Preparedness for Severe Weather Events: Capacity Building and Response from the NIEHS Worker Training Program

- **Brownfields 2017** – Pittsburg, PA
  - United Steelworkers will host
  - Several Sessions
    - **Technology in the classroom: Blended learning and LMS**
    - **Pre-apprenticeship partnership model: Building partners in the community to ensure career entry into the trades**
    - **Living Beyond the Disaster: A Resilient Recovery Utilizing Education and Training**
Infinite Radio Series – Outgrowth of the Vulnerable communities conference

Listen to Beard describe how WTP helps train workers, especially those in disadvantaged communities, for jobs cleaning up hazardous or polluted sites while protecting the health and safety of themselves and others, with Infinite Earth Radio co-host Vernice Miller-Travis. (33:00)

(Launches in a new window)

EPISODE 43 | 33 MINS

Moving Vulnerable Communities from Surviving to Thriving, Part 4

Worker Training and Workforce Development
Jim Remington

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

#### Numbers

<table>
<thead>
<tr>
<th>Year</th>
<th>Number</th>
<th>Courses</th>
<th>Workers</th>
<th>Contact Hours</th>
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<tbody>
<tr>
<td>2016</td>
<td>13</td>
<td>784</td>
<td>12,550</td>
<td>109,081</td>
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<tr>
<td>2015</td>
<td>11</td>
<td>899</td>
<td>12,953</td>
<td>145,699</td>
</tr>
<tr>
<td>2014</td>
<td>11</td>
<td>935</td>
<td>12,984</td>
<td>128,070</td>
</tr>
<tr>
<td>2013</td>
<td>11</td>
<td>827</td>
<td>12,473</td>
<td>112,7001</td>
</tr>
<tr>
<td>2012</td>
<td>11</td>
<td>684</td>
<td>9,327</td>
<td>94,096</td>
</tr>
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</table>
HDPTP Activities

- Flint, MI
- Louisiana Floods
- Infectious Disease
- Trainer Deployment Guide
- ESAP
- Researcher Deployment Guide
- Division of Extramural Research and Training SP 5
  - Disaster Research Response (DR2)
  - Researcher Deployment Guide
  - September DR2 Meeting RTP
# WTP SBIR’s Being Funded in 2017

<table>
<thead>
<tr>
<th>PI</th>
<th>Company</th>
<th>Title</th>
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<tr>
<td>Bandera, Cesar</td>
<td>CELL PODIUM</td>
<td>Novel Augmented Reality Training System for HAZOPS Training</td>
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<tr>
<td>Ryng, Henry</td>
<td>INXSOL LLC</td>
<td>HazPrep Worker Training - Community Risk Profile</td>
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<tr>
<td>Barnes, Rhett James</td>
<td>SPECTRAL LABS, INC.</td>
<td>Realistic Adaptive Immersive Learning System (RAILS) for HAZMAT Site Monitoring Characterization and Remediation Training</td>
</tr>
<tr>
<td>Motakef, Shariar</td>
<td>CAPESYM, INC.</td>
<td>Smartphone Simulator for Realistic Radiation HAZMAT and Emergency Response Training</td>
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<tr>
<td>Shetty, Radhakishan</td>
<td>JANUS RESEARCH GROUP, INC.</td>
<td>Advanced technology for the improvement of Modular Emergency Radiological Response Transportation Training</td>
</tr>
<tr>
<td>O’Brien, James Patrick</td>
<td>D AND E TECHNICAL, INC.</td>
<td>Oil Spill Response Using In Situ Burning: e-Learning for Responder Safety and Effectiveness</td>
</tr>
</tbody>
</table>
Demia Wright

Public Health Educator
Worker Training Program
Division of Extramural Research & Training
National Institute of Environmental Health Sciences
Ford Michigan Assembly Plant, Wayne, MI

Tour during Midwest Consortium Trainer’s Exchange, July 2015

Photo from Wikimedia Commons
Alabama Fire College
Confined Space Rescue Training,
on board the
U.S.S. Yorktown,
Mt. Pleasant, SC
February 2016
United Auto Workers
Spanish Language Train the Trainer;
Tour of the UAW-GM Training Facility, Detroit, MI
February 2017
Two Approaches to Program Stories

Developed/published by WTP

- Grantee or State Highlights
  - WTP Website
  - Can push to external

Developed/published externally

- DERT Success Story
- PEPH Grantee Highlight
- Environmental Factor
WTP Grantee Advances Worker Health, Safety, and Environmental Training
DERT Success Story

James (Jim) S. Frederick, Steelworkers’ Mazzocchi Center

Jim Frederick’s career is dedicated to helping workers protect themselves from hazards on the job. As a child growing up in Elkhart, Indiana, he witnessed first-hand why protecting workers from chemical and physical exposures is critically important. He vividly recalls sitting in his third-grade classroom and hearing the loud explosion of a nearby chemical processing facility blowing up. Many of the workers inside were badly injured or killed.

“Considering whose family member or relative might have been injured, or killed, was incredibly surreal,” said Frederick. “I never forgot that experience - it really stuck with me.”

This childhood experience primed Frederick’s commitment to the worker safety field. Today, Frederick is assistant director of the United Steelworkers’ Health, Safety, and Environment department, where he is actively involved in a variety of initiatives aimed at protecting workers and the environments where they work and live. He is also principal investigator for the Steelworkers Charitable and Educational Organization’s Tony Mazzocchi Center or (TMC). TMC is an awardee of the NIEHS Worker Training Program (WTP).

Jim Frederick speaks on the challenges and successes in the occupational health and safety field. (Photo courtesy of United Steelworkers)
Tipawan Reed – Building Program Capacity and Economic Self-Sufficiency for Underserved Populations

December 12, 2016

Tipawan “Tippi” Reed, the former president and founder of OAI, Inc., a Chicago-based nonprofit agency, has devoted her career to providing education and workforce development to disadvantaged people for nearly 40 years. Since 1995, Reed has been the Principal Investigator of the OAI Hazardous Waste Worker Training Program (HIWWT) Consortium and the Environmental Career Worker Training Program (ECWTP) Consortium. However, she has taken a winding path to get to where she is.

Born in Thailand to Vietnamese parents, Reed always knew she wanted to do something that would have a positive impact. From an early age, she held a deep fascination with language, culture, and people of the world – which inspired her to move to the United States on her own when she was just 18. After completing academic degrees in cultural anthropology and adult education, she began her career teaching English as a second language and wrote grant proposals for a community college’s adult education program. Her passion to assist underserved populations continued to grow, compelling her to establish OAI. During its early stages, OAI focused on providing services to immigrants and refugees, especially those from Indochina.

(Photo courtesy of OAI, Inc.)
NIEHS supports tribal emergency preparedness in North Dakota
By Ernie Hood

Through NIEHS support, Cliff Whitman Sr. works to make sure that tribal members on the Fort Berthold Reservation in North Dakota will be ready to act, saving lives and property, in the event of an emergency.

Whitman is the emergency manager and director for Homeland Security for the Three Affiliated Tribes (TAT) — a single organization comprised of members of the Mandan, Hidatsa, and Arikara Nations.

The Fort Berthold Reservation in central North Dakota lies in the heart of the massive Bakken oil fields. Since the introduction of hydraulic fracturing, or fracking, North Dakota has vaulted into second place in United States oil production, trailing only Texas.

Preparing for oil transportation emergencies

Approximately 30 percent of North Dakota oil production flows from the reservation. Products from the Bakken fields are transported by truck to storage facilities, for delivery by rail and pipeline across the United States and Canada. One of the major transloading facilities, as such terminals are known, is located just outside the city limits of New Town, a community of nearly 2,000 residents and home to the TAT tribal offices.
DOE/NIEHS
Nuclear Worker
Training Program

Overview and Highlights

September 2015 - August 2016
DOE/NIEHS WTP: Providing High-Quality Training Since 1993

Ensuring that DOE site workers are prepared to

• Work safely in hazardous environments

• Identify hazardous situations

• Take appropriate actions to protect themselves, fellow workers, and the environment
Site-Specific and Trade-Specific Training

Grantees address complicated DOE sites through training, featuring a combination of nuclear, industrial, demolition, and construction activities.
Target Occupations Include:

- Crane operators
- Carpenters
- Chemical operators
- Construction workers
- Electricians
- Environmental technicians
- Firefighters
- Laboratory technicians
- Machinists
- Painters
- Pipe fitters
- Truck drivers
Program History: Defense Authorization


Implemented through Interagency Agreement with DOE

- Adapt existing NIEHS program to the DOE nuclear weapons complex.

Supports worker safety & health training for DOE

- Site clean-up activities
- Waste management
- Hazardous materials response.
Program Awardees, 2015 - 2020

CPWR
The Center for Construction Research and Training

IAFF
International Association of Firefighters

IBT
International Brotherhood of Teamsters

ICWUC
International Chemical Workers Union Council

IUOE
International Union of Operating Engineers

PETE
Partnership for Environmental Training and Education

SCEO
The Steelworkers Charitable and Educational Organization
Training Accomplishments
From the beginning of the program in 1994 through 2016:

- 39,139 Courses provided
- $199,527,472 Dollars awarded
- 562,230 Workers trained
- $29.13 Average cost per contact hour
- 7,443,541 Contact Hours

From September 2015–August, 2016: 28,162 workers received 368,680 contact hours of training in 1,927 courses covering 34 DOE sites.
The table represents the number of workers trained in various course categories/courses for the NIEHS-DOE Program, Sept 1, 2015 - Aug 31, 2016.

Courses with the most workers trained (over 1,000) were all courses critical for DOE site safety.

<table>
<thead>
<tr>
<th>Course Category</th>
<th>Number of Workers Trained</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Worker/CERCLA Clean-Up Refresher</td>
<td>9,693</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>3,404</td>
</tr>
<tr>
<td>Asbestos Abatement</td>
<td>3,172</td>
</tr>
<tr>
<td>Emergency Response</td>
<td>2,727</td>
</tr>
<tr>
<td>General Construction Safety</td>
<td>2,107</td>
</tr>
<tr>
<td>Site Worker/CERCLA Clean-Up</td>
<td>1,800</td>
</tr>
<tr>
<td>Radiation</td>
<td>1,239</td>
</tr>
<tr>
<td>Confined Space</td>
<td>762</td>
</tr>
<tr>
<td>Rigging and Signaling</td>
<td>727</td>
</tr>
<tr>
<td>Fire Watch</td>
<td>341</td>
</tr>
<tr>
<td>Gen. Industry Safety</td>
<td>326</td>
</tr>
<tr>
<td>Adult CPR</td>
<td>323</td>
</tr>
<tr>
<td>Training Methods/Trainer Development</td>
<td>303</td>
</tr>
<tr>
<td>Load Securement</td>
<td>221</td>
</tr>
<tr>
<td>Scaffold</td>
<td>204</td>
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<tr>
<td>Trench Protection Principles of Pipe Laying</td>
<td>190</td>
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<tr>
<td>Lead Abatement</td>
<td>182</td>
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<tr>
<td>RCRA/Industrial</td>
<td>162</td>
</tr>
<tr>
<td>Fall Protection</td>
<td>146</td>
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<tr>
<td>Crane Operators</td>
<td>93</td>
</tr>
<tr>
<td>Other Courses (n=3)</td>
<td>40</td>
</tr>
</tbody>
</table>
The table represents the number of workers trained for the DOE sites under the DOE Office of Environmental Management (EM), as discussed in the EM 2015 Year in Review Report.

Additionally, the Pantex Plant in Amarillo, Texas had a large number of workers trained this year. (See following highlight)
Grantee Spotlight

Partnership for Environmental Technology Education (PETE): Training for the Pantex Plant, at Amarillo Community College, Amarillo, TX

Filling a much-needed role for Pantex Plant. Over 3x as many workers were trained this budget year over prior year.

- Large hiring increase at Pantex, one-third of whom needed Hazwoper & related training.

Developed a 5-yr training plan that reduces duplication of training and enhances efficiency

- Including blended learning HAZWOPER refresher.

Amarillo provides assistance to students on job training/skills development.
Grantee Spotlight

Steelworker Charitable and Educational Organization’s Tony Mazzocchi Center: Implementation, Evaluation, and Capacity Building

2016: 193 training courses to 2,808 students for 33,059 hrs.

Positive 8-hr Refresher evaluation feedback, e.g.

- 96% of course participants rated excellent or good for the utility of the information received in their job or health and safety work

48 site-worker trainers, participated in ongoing trainer development.

TMC leadership - ongoing part of the DOE Integrated Safety Management approach to Health and Safety.

Conducted community-based, outreach training around DOE training sites to residents and stakeholders.
2015-16 Activities in the DOE-NIEHS Program
DOE Trainers’ Exchange

June 7-8, 2016, Albuquerque, NM

Organized with DOE Training Institute (DTI)

30 sessions for approx. 120 participants

- 7 sessions led by NIEHS-DOE grantees
- 52 NIEHS-DOE grantees attended

Included a Labor Training Working Group Meeting

- Discuss safety culture and the development of a safety culture course.

Evan Dunne, National Training Center
Integrated Safety Management System and Safety Culture Initiatives

White paper with recommendations on improving safety culture across the complex.

Supplemental grants, 2016-2017

- CPWR
  - Tailoring existing Foundations for Safety Leadership training to DOE
  - Pilot trainings in 2 DOE Sites: Oak Ridge, TN and Hanford, WA

- International Association of Firefighters
  - Expanding and enhancing a program presented on Safety Climate/Safety Culture at 2016 DOE Trainers Exchange.
  - Tailoring to include DOE-specific case studies and incidents.
NIEHS-DOE Training Institute (DTI) Partnership

DTI brings NTC and HAMMER together to support DOE enterprise training needs. Looks to

- Achieve reduction in training redundancy.
- Introduce opportunities for cost reduction and avoidance.
- Improve training quality by ensuring a consistent enterprise message and incorporation of complex-wide lessons.

NIEHS-DTI collaboration

- Prior years: Reciprocity for specific courses.
- This year: Formalizing the partnership with DTI.
Feedback

What types of information should we highlight in the future? E.g.,

– Locations/sites
– Specific training courses
– Looking at courses over time
– How your work is tied to DOE clean-up goals
George Tucker

Chief Grants Management Officer
Grants Management Branch
Division of Extramural Research & Training
National Institute of Environmental Health Sciences
NIH FY 2017 Continuing Resolution

- NIH is funded under the Continuing Appropriations Act, 2017 (Public Law 114-254) signed by former President Obama on December 10, 2016 which funds the government until April 28, 2017.

- Funding is continued at 99.8 percent of FY 2016 level.

- All FY 2016 legislative mandates remain in effect.

Stay tuned for additional information!!

FY 2017 NIH Grants Policy Statement

• The FY 17 NIHGPS and Significant Changes document was published.
  – The Grants Policy Statement is applicable to all NIH grants and cooperative agreements with budget periods beginning on or after October 1, 2016.
  – The Significant Changes document summarizes the notable grants policy changes and clarifications implemented in the NIH GPS.

NIH will continue to publish interim grants policy changes through the issuance of NIH Guide Notices via the NIH Guide for Grants and Contracts.

See NOT-OD-17-021 for additional information
21st Century Cures Act

• Landmark piece of legislation - accelerating the discovery, development and delivery of 21st century cures and other purposes.

• Reducing Administration Burden for Researchers
  • Sub-recipient monitoring
  • The care and use of laboratory animals

• Privacy and Data Access Provisions
  • Authorizes NIH Director to require funding recipients to share data
  • Requires issuance of Certificates of Confidentiality and enhances their protections

• Inclusion and Workforce Provisions
  • Ensure women, children and racial/ethnic minorities are appropriately represented in clinical research
  • Assemble data on study populations in clinical research on women, minorities, and age categories

• New Programs/Authorities
  • Precision Medicine Initiative
  • Next Generation Researchers Initiative

POLICY UPDATES
Budget News!! Salary Cap Changes......

• FY 2017
  • Interim Guidance on Salary Cap Limitation for Grants and Cooperative Agreements

The Consolidated Appropriations Act, 2016 restricts the amount of direct salary to Executive Level II of the Federal Executive pay scale.

Limited to Executive Level II – Set at $187,000 effective January 8, 2017 See NOT-OD-17-049

The Final Research Performance Progress Report (F-RPPR) has replaced the Final Progress Report (FPR) for closeout effective January 1, 2017.

- The general format is the same as the interim/annual RPPR
- Recipients are required to report on Project Outcomes.
- Due dates have not changed.

**Implementation of the F-RPPR for SBIR and STTR grants will occur approx. 2 months after the implementation of all other NIH grants and cooperative agreements.**

See [NOT-OD-17-022](#) for additional information.
Interim-Research Performance Progress Reports (I-RPPR)

Effective February 9, 2017, NIH requires that organizations submit an “Interim-RPPR” while their renewal application (Type 2) is under consideration.

– In the event that the Type 2 is funded, NIH will treat the Interim-RPPR as the annual performance report for the final year of the previous competitive segment.

– If the Type 2 is not funded, NIH will treat the Interim-RPPR as the institution’s Final-RPPR.

Like the Final-RPPR, recipients are required to report on Project outcomes in the Interim-RPPR.

See NOT-OD-17-037 for additional information.
Final Rule -- Federal Policy for the Protections of Human Subjects

The Final Rule – effective January 19, 2018 – is intended to enhance protections for human research participants, facilitate valuable research, and reduce burdens for investigators, research institutions, and Institutional Review Boards (IRBs).

• Studies that have not undergone initial IRB review will be subject to the new Final Rule requirements.

• Research ongoing on that date will continue to be subject to the current Common Rule requirements.

• The single IRB requirement for cooperative research vs. multi-site studies takes effect three years later (January 20, 2020).

**The NIH policy on the use of single IRBs in multi-site studies takes effect in September 2017.**

See NOT-OD-17-038 for additional information
NIH Policy - Use of a Single IRB for Multi-Site Research

Effective for competing grant applications with receipt dates on or after September 25, 2017.

• Domestic sites participating in multi-site studies involving non-exempt human subjects research funded by NIH are expected to use a sIRB to conduct the ethical review required by the DHHS regulations for the Protection of Human Subjects.

• **Single Institutional Review Board (sIRB)**
  Costs – sIRB costs can be a direct or indirect charge to an NIH award as long as such costs are reasonable and consistent with the cost principles.

• **Exceptions** to this policy will be made where review by the proposed sIRB would be prohibited by a federal, tribal or state law, regulation or policy. Requests for exceptions that are not based on a legal, regulatory or policy requirement will be considered if there is a compelling justification for the exception.

• **FAQ’s for sIRB implementation** and **sIRB cost** have recently been posted. Any questions should be sent to SingleIRBPolicy@mail.nih.gov.

See [NOT-OD-16-094](NOT-OD-16-094) and [NOT-OD-17-027](NOT-OD-17-027) for additional information.
Revised SF424 (R&R) Application Guides and Supplemental Instructions Available

NIH application guides and supplemental instructions have been updated as of November 22, 2016.

Key changes:

• How to Apply - Application Guide webpage: direct hyperlinks to data tables, reference letters, and biosketch format pages added.

• Plain language edits: implemented a new format and structure for application instructions.

• Biosketch clarifications in the instructions and format page.

• Multi-project applications – changes to overall component information submitted

• Appendix policy incorporated.

See NOT-OD-17-023 for additional information.
POLICY REMINDERS
Reminder…..Timely Progress Reports

• Annual progress reports = RPPR format

• Due dates
  • Non-SNAP - approximately 60 days before the start of the next budget period
  • SNAP - approximately 45 days before the start of the next budget period
  • Multi-year funded - on or before anniversary date

Searchable list to determine which progress reports are due: https://public.era.nih.gov/chl/public/search/progressReportByLpf.era
Reminder
Timely Financial Reporting


• Annual (Non-SNAP Awards)
  • FFR submitted no later than 90 days after the end of the calendar quarter in which the budget period ended.

• Final (SNAP and Non-SNAP Awards)
  • FFR submitted within 120 days following the end of the project period
Electronic submission & Era commons
Automated Post Award Changes

Effective March 2, 2017, recipients of NIH awards can submit the following prior approval requests electronically through eRA Commons.

Prior Approval Request for Change of PD/PI

- SOs can initiate the request for a Change of Program Director/Principal Investigator (PD/PI) electronically through eRA Commons via Prior Approval.

Prior Approval Request for No Cost Extension (NCE)

- SOs will be able to request NCEs (in addition to the requests made under expanded authority) electronically through eRA Commons via Prior Approval.

For additional details please see eRA Commons Online Help
Finally! Tips for eSubmission Success

**Register Early!**

- Required Registrations
  - System for Award Management (SAM)
  - Grants.gov and
  - eRA Commons

- **Submit early!**
  - Correct any errors before due date

- **View your application in Commons**

- **If you can’t VIEW it, NIH can’t REVIEW it!**
Business Breakout Session
Royal Ballroom
3:35pm – 5:00pm

To be presented by Pamela B. Clark – GMO/GMS
Grants Management Branch - evans3@niehs.nih.gov

• Topics:
  – RPPR - Progress Report Submission
  – Roles and Responsibilities – (Protocols – BO/SO Signatures)
  – Carryover, FFR and Supplement Processes
  – Carryover versus Offset (differences)
  – Additional NIH Updates
RESOURCES: Who to Contact?

Grants Policy:

Division of Grants Policy:
- E-Mail: GrantsPolicy@mail.nih.gov - Phone: 301-435-0949

Division of Grants Compliance & Oversight:
- E-Mail: GrantsCompliance@mail.nih.gov - Phone: 301-435-0949

Division of Extramural Inventions and Technology Resources:
- E-Mail: Inventions@nih.gov - Phone: 301-435-1986

Grants Information:

General Application Questions:
- E-Mail: GrantsInfo@nih.gov - Phone: 301-435-0714

Grants.gov Customer Support:
- E-Mail: support@grants.gov - Webpage: http://grants.gov/ - Phone: 1-800-518-4726

eRA Commons Helpdesk:
- Web: http://era.nih.gov/help/
- Toll-free: 1-866-504-9552
- Phone: 301-402-7469
- Hours: Mon-Fri, 7a.m. to 8 p.m. Eastern Time
QUESTIONS ?