

WETP AWARDEE MEETING



Renaissance Mobile Riverview Plaza Hotel
Mobile, Alabama
May 3, 2011



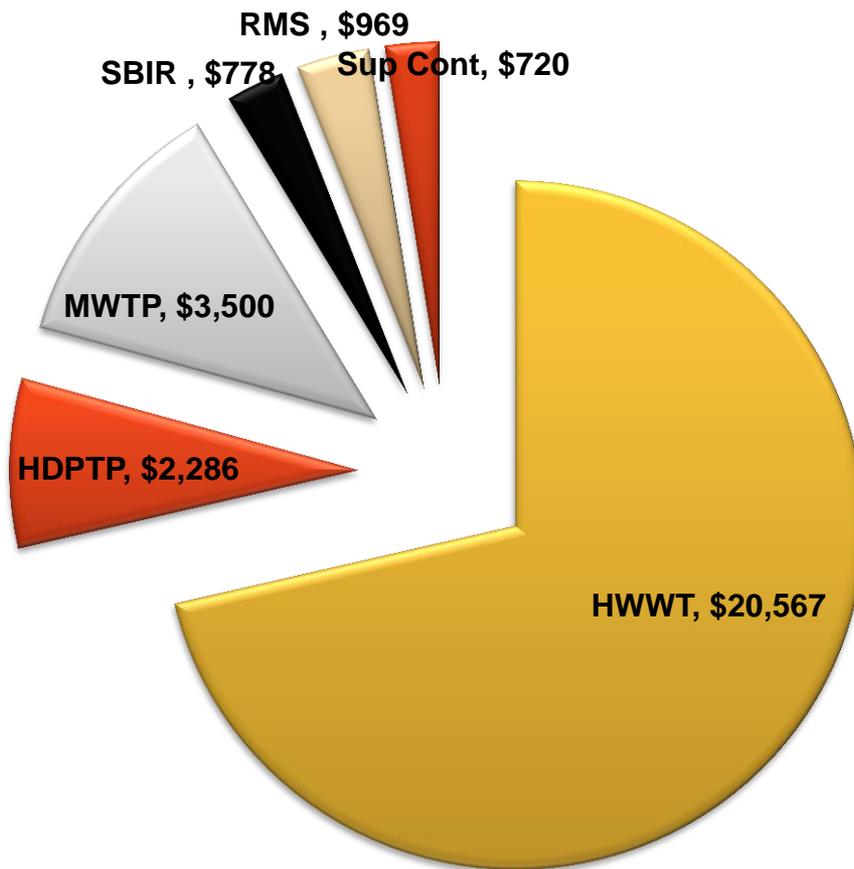
Joseph “Chip” Hughes Director WETB

WELCOME AND OVERVIEW

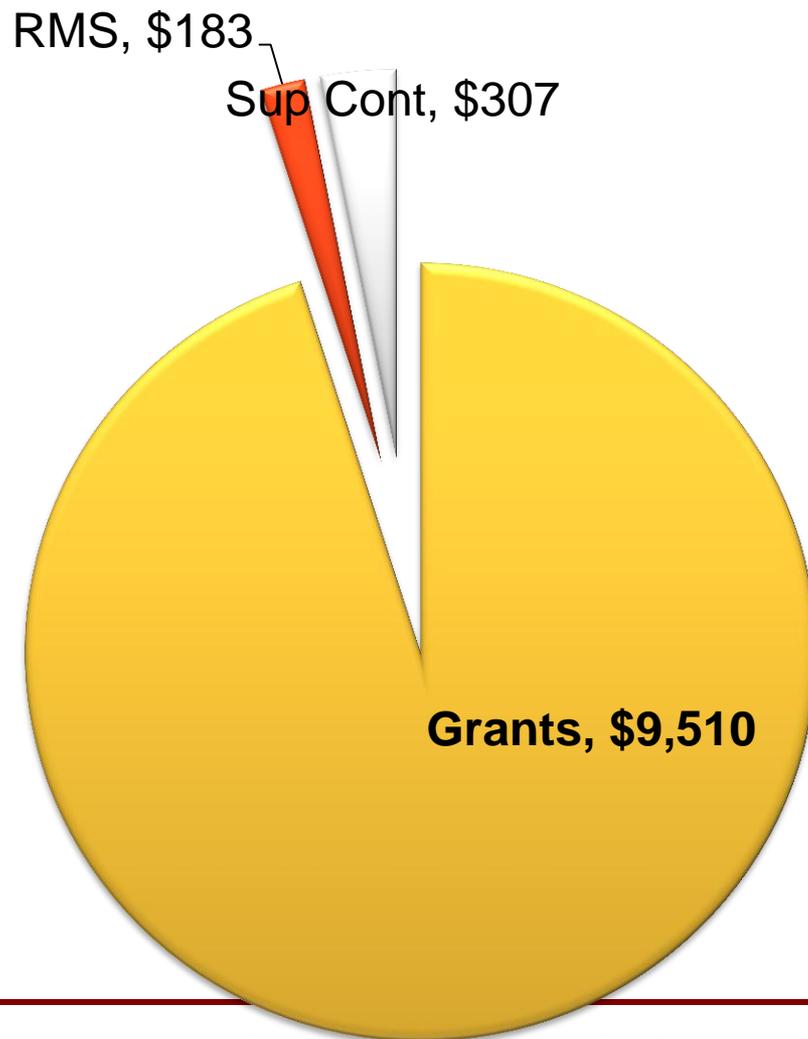


- **Budget Update**
- **NIEHS Strategic Plan and WETP Retreat**
- **Oil Spill Response Update**
- **Green Training Initiative**
- **Japan Training Response**
- **Radon Training Initiative**
- **HHS Environmental Justice Strategic Plan 2012**
- **Progress Reports**
- **DMS Issues**
- **NIEHS/DOE Collaboration**
- **Upcoming Meetings and Workshops**

Worker Education and Training Program FY11 Superfund Budget Total \$ 28,860K



Worker Education and Training Program FY11 DOE Reimbursables Total \$10,000K



WORKER EDUCATION AND TRAINING PROGRAM

NIEHS Strategic Plan

- **Process for 2012-2017 Strategic Planning**
- **NIEHS has initiated a strategic planning process to set the institute scientific and governance direction for the next five years (2012-2017).**
- **Visionary Ideas relate to broad-based scientific directions for the environmental health sciences community that will help to shape the vision for NIEHS over the next five years. You can submit, vote on, or comment on Visionary Ideas, as well as discuss strengths, weaknesses, opportunities, and threats for NIEHS.**
- **Year-long stakeholder process is underway.**

WETP Strategic Plan 2008-2013

Mission Priorities:

1. Continually seek and encourage opportunities to collaborate with organizations (at all levels) that share the common goal of protecting workers and their communities.
2. Advocate for the health and safety of emergency responders and skilled support personnel through actively participating in all phases of the national response to disasters.
3. Oversee and manage the expansion of a national network of trainers with diverse specific skills grounded on a common training doctrine. These trainers will become a national resource for providing health and safety education and will prepare responders to perform their duties in a hazardous environment.

WETP Strategic Plan 2008-2013

Mission Priorities (continued):

4. Expand opportunities for minority and underserved populations in cities and surrounding communities by providing life skills, construction, and career training in the handling and remediation of hazardous materials.
5. Leverage and actively integrate technology and innovation to improve the delivery of education and training to workers performing duties in a hazardous environment.

Vision Statement:

To provide model safety and health training and education to those who work with and clean up hazardous materials, and for those who respond to emergencies involving hazardous substances. This model safety and health training is designed to protect these workers, and the communities in which they work, from injury and illness.

2010 WETP Retreat: Looking Backwards While Moving Forward

Richmond, Virginia

November 16-17, 2010



Our Key Themes:

- **Challenges and obstacles**
- **Awardee collaborations**
- **Partnership opportunities**
- **Timelines and potential events (meetings and workshops)**
- **Outcomes and metrics of success**

Resources We Bring to the Table

- **Time -- staff time, contract hours, awardee's sweat equity, volunteers**
- **Money --- grants, contracts, in-kind, leveraged dollars**
- **People --- us, partners, allies, trainers, alumni supporters, our fans in high places**

- **Aligning them with our strategic priorities**
- **Balancing day-to-day along with crises and emergencies**
- **Being realistic about how much we can take on**

Challenges and obstacles

- Declining budgets --- planning reductions while limiting the pain.
- Aging workforce -- drawing in new blood and refreshing the old.
- Hostile political atmosphere -- playing offense but not in a defensive crouch.
- Complacency of a “mature” program -- cheerleading and motivating our constituents!
- Constant reinvention (tiring!)

Partnership opportunities

- **Federal agencies --- cherry-picking on overlaps and initiatives to our advantage.**
- **Sustained relationships (MOU's, IAG's) vs. Short term one-timers -- some balance of those.**
- **Leveraging state and local grantee connections as program opportunities.**
- **Longer term relationship maintenance issues -- worth the hassle or essential to success?**
- **Where our partners are going vs. Where we are going?**

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?**
- **Stealthiness? Or a higher public profile? The benefits and burdens of being well known as success metric.**

NIEHS Gulf Oil Spill Cleanup Aftermath

- **GuLF Workers Epidemiology Study**
- **Gulf Coast Town Hall Meetings**
- **GOS Workers Training Evaluation Project**



Japanese Tsunami Earthquake Responders Training Tool

- **Coordination with the US State Department through the HHS Assistant Secretary for Preparedness and Response (ASPR)**
- **Built based on the experiences of USAR teams in Japan**
- **Creates a quick overview of worker safety concerns related to the Fukushima nuclear plant.**
- **Will be available in Japanese on our website soon.**



Green Jobs Training Partnerships

- **Create strong green sustainability principles that have robust environmental management systems (EMS) systems, safety, health and environmental (SHE) policies and worker health protections.**
- **Continue to foster the links between environmental justice organizations, community health groups and unions in developing green jobs;**
- **Include the impacts of green work on worker safety and health within the LEED certification process for green buildings;**
- **Include green building principles in health and safety plans for all government contracts for remediation, construction and renovation.**
- **Partnering with NIOSH, CPWR and the Blue-Green Alliance.**

NIEHS Radon Mitigation Training Initiative

- **NIEHS participation in the Obama Administration's Healthy Homes Initiative in partnership with the HHS Assistant Secretary for Health (OASH), EPA and DOE**
- **NIEHS WETP awardee community currently has the interest in and the capacity for initiating radon testing and mitigation training wherever it is needed.**
- **Capacity to develop new curricula or to tailor existing curricula for specific training audiences including increasing the number of qualified trainers through train-the-trainer programs.**
- **A natural extension of training we currently conduct for weatherization, lead, asbestos, mold remediation and healthy home project workers.**

Sharon D. Beard

Industrial Hygienist, WETB

US Department of Health and Human Services

2012 Environmental Justice Strategy

Upcoming Meetings and Conferences



- 1. Actively Engage in the Federal Interagency Working Group on Environmental Justice to Reinvigorate the EJ Executive Order 12898**
- 2. Participate in the US HHS Environmental Justice Working Group**
- 3. Update the 1995 HHS Environmental Justice Strategy and Publish Draft in September 2011**
- 4. Revise and Develop Vision, Goals, and Objectives to Update the HHS EJ Plan**
- 5. Participate in HHS Working Groups to share NIEHS contributions and Expertise in EJ : Stakeholder Involvement, EJ Accomplishments, etc.**
- 6. Engage in Stakeholder Involvement - Regional Listening Sessions**
- 7. Develop Resource Guide and EJ Points of Contact for HHS**

AGENDA

1:30 P.M. Welcome, Opening Remarks and Introduction of HHS
Panelists: Chip Hughes, Director Worker Education and Training Program, National Institute of Environmental Health Sciences

1:40 P.M. Purpose of Environmental Justice Listening Session, and Overview of HHS Activities to Prepare Updated Environmental Justice Strategic Plan: J. Nadine Gracia, MD, MSCE, Chief Medical Officer, U. S. Department of Health and Human Services

Commitment and Major Contributions of NIEHS to Environmental Justice: Linda Birnbaum, Ph. D., Director, National Institute of Environmental Health Sciences and National Toxicology Program, US HHS

Commitment and Major Contributions of CDC/ATSDR to Environmental Justice: Sharundra Buchanan, National Center for Environmental Health, Agency for Toxic Substances and Disease Registry

2:10 P.M. Stakeholder Presentations on Suggestions for Issues/Topics to Address in Updated HHS EJ Strategy
Dr. Robert Bullard, Director, Environmental Justice Resource Center, Clark-Atlanta University
Dr. Beverly Wright, Director, Dillard University Deep South Center for Environmental Justice (DSCEJ)

2:30 P.M. Afternoon Break
2:45 P.M. Audience Suggestions for Issues/Topics to Address in Updated HHS EJ Strategy: Timothy Fields, MDB, Inc., Facilitator

4:15 P.M. Next Steps and Closing Remarks
4:30 P.M. Adjourn



Save the Date



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institute of Health

Department of Health and Human Services Environmental Justice Listening Session

Thursday, May 5, 2011 • 1:30 p.m. – 4:30 p.m. | Renaissance Mobile Riverview Plaza Hotel, Bon Secour Bay | Room 64 South Water Street, Mobile, Alabama 36602 • 251-438-4000

Who should attend?

*Representatives from:
public health; community organizations; labor organizations; academia; state, local, and tribal governments; private sector organizations*

Why attend?

The environment (where people live, work, and play) has an important role in our health. Environmental justice strives to address disproportionate environmental and human health burdens on minority and low-income populations.

Purpose and Scope

The U.S. Department of Health and Human Services (HHS) is hosting an Environmental Justice (EJ) Listening Session. This listening session is part of a government-wide Interagency Working Group on Environmental Justice to reinvigorate Federal government activities on EJ. As part of this effort, each Federal department is tasked with updating its EJ strategy. The purpose of this meeting is to seek input on an updated EJ strategy for HHS.

The session will include:

- Overview of HHS EJ Strategy Development
- Presentations by Stakeholders on EJ Issues/Topics for Consideration in the Updated HHS EJ Strategy
- Audience Suggestions for Issues/Topics to Consider in the Updated HHS EJ Strategy

RSVP

If you plan to attend, please contact Dustin Russell via phone (202-331-0060), or email drussell@michaeldobaker.com. Please provide your name, organization, and phone number or email address.

- **2011 EJ Conference –One Community, One Environment** (Week of August 22, 2011) in Detroit, MI
- **NIEHS WETP Awardee Meeting on September 13, 2011**
- **Fall Joint Workshop: Eliminate Health and Safety Disparities at Work** on September 14-15, 2011 at the Double Tree Hotel, Chicago, IL
- **.WTC 10th Anniversary Conference, New York City, NY on September 16, 2011**
- **2011 Worker Health and Safety Conference** on Oct.28-29, 2011 in Baltimore, MD
- **APHA Annual Meeting 2011: Theme is Healthy Communities Promote Healthy Minds and Bodies in Washington DC on Oct 29-Nov 2, 2011.**
- **Ideas for Upcoming Workshops**
- **Spring 2012** Trainers Exchange, Miami or Fort Lauderdale
- **Fall 2012** Evaluating our Programs, NC
- **Spring 2013** Advanced Training Technologies Seattle, WA or Portland, OR

- We need your assistance on for the meeting to do the following:
 - Participate on the Planning Committee for the Awardee Meeting
 - Suggested Speakers for the Conference
 - Activity Leaders for the Small Group Activity that we are purposing for the Icebreaker: Put Your Cards On the Table **(Lead is Ted Outwater)**
 - Goals:
 - To increase interaction among attendees
 - To clarify expectations for the conference
 - To identify resources including case study experiences



Photos by Earl Dotter

Eliminating Health and Safety Disparities at Work

www.cdc.gov/niosh/programs/ohd/

September 14 & 15, 2011
Doubletree Hotel Chicago Magnificent Mile
300 E. Ohio Street
Chicago, Illinois 60611

Conference goal: Bring together representatives from multiple disciplines and perspectives to understand why work-related disparities occur and how to prevent them.

The conference will be organized around five white papers (over for more details):

- Work Organization
- Workplace Injustice: Discrimination, Abuse, and Harassment
- Approaches to Education and Training
- The Health of the Low-income Workforce: Integrating Public Health and Occupational Health
- The Effects of Social, Economic, and Labor Policies

Call for Abstracts
Deadline April 1, 2011
(travel assistance is available)
www.cdc.gov/niosh/programs/ohd/

If you are interested, or want more information, contact:

Sherry Baron: sbaron@cdc.gov,
Andrea Steege: asteege@cdc.gov, or
Peter Dooley: peterdooley@gmail.com

Protecting Worker and
Community Health:
**Are We
Prepared
for the
Next
9/11?**



HOLD THE DATE



Conference Program

- Preparedness
- Community Health
- Worker Health
- Regulatory Policy and Reforms

Featured Speakers:

- John Howard, Director, National Institute for Occupational Safety and Health
- David Michaels, Assistant Secretary of Labor for OSHA
- Linda Birnbaum, Director, National Institute for Environmental Health Sciences

Who should attend:

- first responders, rescue, recovery, and cleanup workers
- area residents, students, workers, business and property owners
- labor, community, environmental, faith-based, advocacy organizations and activists
- elected officials
- occupational and environmental health professionals
- representatives of federal, state, and local government agencies

Sponsoring Organizations

- Local 1838, District Council 27, AFSCME
- Local 802, American Federation of Musicians
- New York State United Teachers, AFT
- Patchogue-Medford Congress of Teachers AFT
- United College Employees of RTI, AFT
- United Federation of Teachers, AFT
- CSEA
- District 1, CWA
- Local 1105, CWA
- Local 1180, CWA
- Gray & Grey, LLP
- Local 52, IATSE
- Local 600, IATSE
- The Department of Preventive Medicine & The World Trade Center Medical Programs, Mount Sinai School of Medicine
- New York State AFL-CIO
- NYS Public Employees Federation
- Local 94, IUOE
- Professional Staff Congress
- Rosado, Chechenover & Bayrasi, LLP
- Local 338, RWDSU
- Local 246, SEIU
- Local 328-J, SEIU
- Suffolk County Detectives Association
- Local 100, Transport Workers Union
- United Church of Christ
- 9/11 Environmental Action

Protecting Worker and Community Health: Are We Prepared for the Next 9/11?



Convened by:

The New York Committee for Occupational Safety and Health

For more information, call
NYCOSH 212-227-6440.

Photos by Earl Dotter

DATE: Friday, September 16, 2011
TIME: 9 a.m.–5 p.m.
PLACE: United Federation of Teachers
52 Broadway, New York City

Ted Outwater

Public Health Educator/Program Administrator, WETB



**National Institute of Environmental Health Sciences
Worker Education and Training Program (NIEHS WETP)**

UPDATE



**HAZARDOUS WASTE WORKER TRAINING
5 YEAR TRAINING SUMMARY
FOR BUDGET PERIOD 08/01/2005 - 07/31/2010**

Year	Total Courses	Total Workers	Total Contact Hours
2006	6,696	111,872	1,159,651
2007	7,848	131,037	1,425,059
2008	8,115	140,126	1,385,505
2009	8,308	149,488	1,458,660
2010	9,075	172,308	1,552,429
TOTAL	40,042	704,831	6,981,304

**HAZMAT DISASTER PREPAREDNESS TRAINING
5 YEAR TRAINING SUMMARY
FOR BUDGET PERIOD 08/01/2005 - 07/31/2010**

Year	Total Courses	Total Workers	Total Contact Hours
2006	508	6,385	79,189
2007	653	9,095	99,623
2008	787	11,628	123,984
2009	701	12,267	111,772
2010	655	9,251	95,297
TOTAL	3,304	48,626	509,865



IUOE training Center...Ky



CPWR Confined Space rescue training

2009-2010 DOE Training Year

AWARDEE	COURSES COMPLETED	WORKERS TRAINED	CONTACT HOURS
INTERNATIONAL BROTHERHOOD/TEAM/CHAUF/WHM	268	4,561	60,562
INTERNATIONAL UNION OPERATING ENGINEERS	211	3,467	43,538
UNITED STEELWORKERS OF AMERICA	314	5,258	68,474
INTERNATIONAL CHEMICAL WORKERS UNION	283	4,601	57,740
KIRKWOOD COMMUNITY COLLEGE	206	3,529	33,430
LABORERS' INTERNATIONAL UNION OF NORTH AMERICA	541	7,070	137,097
CPWR - The Center for Construction Research and Training	337	6,274	94,766
INTERNATIONAL ASSOCIATION FIRE FIGHTERS	28	569	27,680
TOTAL	2,188	35,329	523,287

Where Is the Training Held?

Though training was conducted at 30 different DOE sites in 2009-2010; it was concentrated at:

Hanford (29%)

Oak Ridge (20%)

Los Alamos (7%)

Savannah River Site (4%)

Portsmouth (4%)

DOE/NIEHS Safety Training Collaboration Meetings

DOE Training Needs Assessment

Next Steps...

DOE Trainers Exchange? Radon?

Training and Safety and Health in the DOE Complex
NIEHS/DOE HAZMAT Training Program

2000 through 2008 and the Path Forward for the NIEHS DOE Training Program

July 2010

Prepared by:
MDB, Inc.
1101 Connecticut Avenue NW, Suite 550
Washington, DC 20036
t: 202.331.7733 | f: 202.331.0044
www.michaelbakercorp.com



Conclusion: A Success Story

IUOE response to the massive coal-ash spill in Kingston, Tennessee.

128 members of the International Union of Operating Engineers, under the supervision of the Environmental Protection Agency, ran the heavy equipment needed to remediate two rivers and hundreds of acres contaminated by over a billion gallons of toxic sludge.

The Operating Engineers were primarily responsible for work requiring dredging, drag lines, excavators, and bulldozers working 12 hour shifts six days per week.

The majority of these workers were ready to go to work without delay because of the training they received at Oak Ridge under the DOE program.





ICWU Hospital First Receivers Training

Kathy Ahlmark

Program Analyst

WETB



DMS Updates

- You can now enter progress reports in docx format not just doc
- It is very important to use the special circumstances and supplemental funding fields (if applicable) when entering course data
- It is very important to use the supplemental funding field (if applicable) when entering student demographic data
- You **MUST** mark the projected data complete (it gets written to another table as a historical record when marked complete).

Deadlines

- June 1, 2011: Deadline for entering all projected course data for the 2012 training year for the HWWT, MWT and HDPT programs.
- June 1, 2011: Deadline for entering student demographic data for August 1, 2010 - April 30, 2011 for the MWT program.
- June 1, 2011: Deadline for entering initial progress reports for August 1, 2010 - April 30, 2011 for the HWWT, MWT and HDPT programs.
- July 1, 2011: Deadline for entering all projected data for the 2012 training year for the DOE program.
- July 1, 2011: Deadline for entering the initial progress report for September 1, 2010 - May 30, 2011 for the DOE program.

For questions/assistance with data entry, progress report entry and curricula catalog questions contact Lynn Albert (919-794-4709 or albert2@niehs.nih.gov<mailto:albert2@niehs.nih.gov>)

For 508 questions or assistance contact Patrick Jones (919-251-6137 or jonespo@niehs.nih.gov<mailto:jonespo@niehs.nih.gov>)

Jim Remington Program Analyst WETB



- **Assesses, Evaluate, and Improve**
 - Our role
 - ESAP
 - **The Training Development Process**
 - Pre-Disaster – Preparedness
 - Disaster Site Worker, 40 hour HAZWOPER
 - During – Site Specific During
 - Site Specific Development Process
 - During – Daily Briefing
 - Tailgate, Toolbox, Dock Talks
 - Post – Evaluation, Assessment
 - Training Assessment Project

- Assesses, Evaluate, and Improve
 - The Training Development Process
 - Post – Evaluation, Assessment
 - Training Assessment Project



April 27, 2011

Jing Zhang, University of North Carolina

Participant Sample



Native English speaking 4-hour, 2

Non-native English speaking 4-hour, 5

Native English speaking 40-hour, 13

Non-native English speaking 40-hour, 10

Eligibility: (a) 21 years of age, (b) received either 40-hour HAZWOPER or 4-hour BP training, (c) worked during oil spill cleanup

Deep South Center for Environmental Justice in New Orleans and Boat People SOS in Bayou La Batre gathered native English speaking and non-native English speaking participants who are eligible to participate in this questionnaire

Questionnaire had 29 questions divided into 3 sections: (1) Worker reactions to the training course and material, (2) Worker knowledge, (3) Frequency of activities performed in the field.

Worker Reactions

Non-native English speakers in this sample found the language sometimes to usually easy to understand while native English speakers found the language almost always or always easy to understand regardless of which training course they received.

The language in the training course was easy to understand.

Native English speaking 40-hour trained	6.4
Non-native English speaking 40-hour trained	5.1
Native English speaking 4-hour trained	7
Non-native English speaking 4-hour trained	4.6

I found the pocket-sized Oil Spill Cleanup Guide useful.

Native English speaking 40-hour trained	3.2
Non-native English speaking 40-hour trained	6.7
Native English speaking 4-hour trained	1
Non-native English speaking 4-hour trained	6.6

Rating	Definition
1	Never
2	Almost Never
3	Occasionally
4	Sometimes
5	Usually
6	Almost Always
7	Always

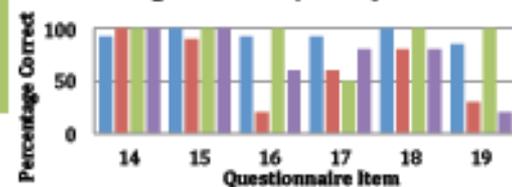
Non-native English speakers found the Oil Spill Cleanup Guide useful almost always or always. Native English speakers reported that they never or occasionally found the Guide helpful.

Worker Knowledge

Five true or false questions based on the content in the training courses and materials were given to the participants.

Native English speakers in this sample were always one of the highest scoring groups for each of the 5 subjective questions. Non-native English speakers in this group scored the lowest regardless of which training session they received scoring 20 percent for two of the questions.

Knowledge-Based True/False Questions



- Native English Speaker 40-hour HAZWOPER
- Non-native English Speaker 40-hour HAZWOPER
- Native English Speaker 4-hour BP training
- Non-native English Speaker 4-hour BP training

Performance in Field

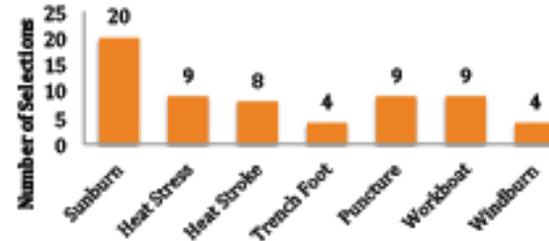
Non-native English speaking 40-hour trained participants in the questionnaire reported that they *almost always* or *always* reported an accident or injury in the field. Non-English speaking 4-hour trained participants reported that they *occasionally* or *sometimes* reported an injury. Native English speaking participants in both training groups reported that they *never*, *almost never*, or *occasionally* reported an accident or injury in the field.

In a check-all-that-apply question on worker hazards experienced in the field, the most common reported hazard in this sample group was sunburn; followed by heat stress, puncture wounds, workboat hazards, and heat stroke. A handful of participants reported that they experienced trench foot and windburn.

I reported an accident or injury in the field

Native English speaking 40-hour trained	2.8
Non-native English speaking 40-hour trained	6.4
Native English speaking 4-hour trained	1
Non-native English speaking 4-hour trained	3.4

Performance in Field: Check all of the following that you experienced when working in the field.



Comments from the Participants

Native English speaking participants who received the 40-hour training commented that the training was effective and easy to understand.

Non-native English speaking participants commented that the training would be "excellent with Vietnamese teacher."

Non-native English speaking participants commented that they found the Coast Guard helpful.

Native English speaking 40-hour trained participants reported that they felt they needed "better supervisors."

Limitations

- Convenience sampling leads to biased results
- Only workers who are associated with the Deep South Center for Environmental Justice in New Orleans and Boat People SOS in Bayou La Batre had the opportunity to participate
- Not enough 4-hour BP-trained workers participated in questionnaire
- Language and cultural barriers among the Vietnamese participant group can lead to biased results. Unclear translations of questionnaire items or answers can lead to inaccurate responses.
- For Vietnamese group, the questionnaire administered in a group format may cause participant responses to be influenced by

Implications

Issues highlighted in this sample for further research:

- Language barriers in training courses from knowledge-based questionnaire items showing non-native English speakers in this sample were less able to correctly answer true or false questions compared to native English-speaking workers.
- Pocket-sized Oil Spill Cleanup Guide was almost always helpful to non-native English speaking participants and almost never helpful for native-English speaking participants. Because this material was provided to the non-native English-speaking participants in their own language, future materials may need to be translated.
- Through this questionnaire, more information about the population demographics of the cleanup workers were gathered, including the best ways of contacting this hard-to-reach population who does not have reliable phone or internet access, the range of education levels, among the workers, and in the case of the Vietnamese community: their lack of familiarity with the survey and questionnaire process.

- Assesses, Evaluate, and Improve
 - The Training Employment Process
 - Who needs what training
 - Communication to contractors-workers
 - Effective training delivery for comprehension by the audience
 - Training Documentation Process
 - Single point of control/database of workers who meet qualifications

- National Level Exercise (New Madrid Earthquake Scenario)
 - USW and KCTCS training of CERT in Kentucky



- Japanese Earthquake

- Training Tool

NIEHS Response Training Tool



Controlling Hazards During the 2011 Earthquake and Tsunami Response



Dangerous work: Members of Virginia Task Force 1 from the Fairfax County Fire and Rescue Department search for survivors in Ofunato, Japan. U.S. Navy photo by Mass Communication Specialist 1st Class Matthew M. Bradley/Released.

1

WORKER EDUCATION & TRAINING PROGRAM

WORKER EDUCATION AND TRAINING PROGRAM

GRANTS MANAGEMENT

Pam Clark and Wanda Boggs



- New WETP Grants Management Specialist (GMS) Team
 - How are we organized?
 - Who do you contact?
- Reminder on prior approval requests

Who Is My Grants Management Specialist (GMS)?

We Are Now Assigned by Program Official (PO):

PROGRAM OFFICIAL

GRANTS MGMT SPECIALIST

- | | |
|-----------------|----------------|
| • Sharon Beard | Aaron Nicholas |
| • Jim Remington | Donald Ellis |
| • Chip Hughes | Pam Clark |
| • Ted Outwater | Wanda Boggs |
| • Kathy Ahlmark | Aaron Nicholas |
| • For SBIR's | Pam Clark |

GRANTS MGMT CONTACT INFORMATION

Aaron Nicholas: nicholaa@niehs.nih.gov

Phone: 919.541.7823

Donald Ellis: donaldellis@niehs.nih.gov

Phone: 919.541.1874

Pam Clark: evans3@niehs.nih.gov

Phone: 919.541.7629

Wanda Boggs: boggs@niehs.nih.gov

Phone: 919. 316.4638

Reminder on Requests for Prior Approval

- U45 Consortium dollar restrictions
 - Need Prior Approval to Rebudget funds out of Consortium Line Item
- Rebudgeting between programs requires prior approval (Note: Funds awarded for MWT cannot be rebudgeted into any other program.)
- Requests must be made in writing to the GMO / GMS no later than 30 days prior to the proposed change.
- Signed by and/or emailed by the Business Official
- Include the grant number and the name of the PI