Sharon D. Beard, Industrial Hygienist

Worker Education Training Branch
National Institute of Environmental Health Sciences

Topics:
NIEHS Strategic Plan
Minority Worker Training Program Update and Highlights
Occupational Health Disparities Update
NIEHS Environmental Health Disparities/Environmental Justice Meeting
WETP Awardee Meeting & Technical Workshop on Meeting the Challenge: Worker Safety and Health Training for the Future
Mission Statement
The mission of the National Institute of Environmental Health Sciences is to discover how the environment affects people in order to promote healthier lives.

Vision Statement
The vision of the National Institute of Environmental Health Sciences is to provide global leadership for innovative research that improves public health by preventing disease and disability from our environment.
<table>
<thead>
<tr>
<th>Year</th>
<th>Students Trained</th>
<th>Placed in Jobs</th>
<th>Percentage of Students Placed in Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996-2006</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>
</tr>
<tr>
<td>2010</td>
<td>531</td>
<td>372</td>
<td>70%</td>
</tr>
<tr>
<td>2011</td>
<td>396</td>
<td>291</td>
<td>73%</td>
</tr>
<tr>
<td>2012</td>
<td>366</td>
<td>274</td>
<td>75%</td>
</tr>
<tr>
<td>2013</td>
<td>367</td>
<td>223</td>
<td>61%</td>
</tr>
<tr>
<td>Total</td>
<td>6,240</td>
<td>4,250</td>
<td>68%</td>
</tr>
</tbody>
</table>
## MWTP Training Accomplishments

### NIEHS MINORITY WORKER TRAINING PROGRAM
Worker Education and Training Awards
Total Training (One Year)
For Budget Period 08/01/2012-07/31/2013

<table>
<thead>
<tr>
<th>Awardee</th>
<th>Courses Completed</th>
<th>Students Trained</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Region Universities Consortium</td>
<td>54</td>
<td>81</td>
<td>36,508</td>
</tr>
<tr>
<td>NJ/NY Hazardous Materials Worker Training Center</td>
<td>37</td>
<td>48</td>
<td>20,476</td>
</tr>
<tr>
<td>CPWR - The Center for Construction Research and Training</td>
<td>61</td>
<td>61</td>
<td>52,612</td>
</tr>
<tr>
<td>OAI, Inc.</td>
<td>61</td>
<td>77</td>
<td>25,013</td>
</tr>
<tr>
<td>Dillard University</td>
<td>60</td>
<td>100</td>
<td>36,144</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>273</strong></td>
<td><strong>367</strong></td>
<td><strong>170,753</strong></td>
</tr>
</tbody>
</table>
Minority Workers Training Program: Success and Best Practices Report

• Purpose: To document the importance of the MWTP and illustrate the program’s best practices and major successes
  – How the MWTP works: Components of the program and why is it successful (best practices)
    • Life skills and social support network
    • Holistic approach to promote capacity building.
    • Partnership development: joint partnerships with communities, unions, universities (e.g. HBCUs)/academia and contractors/employers
    • Sustainability - ability to sustain itself through leveraging funds (e.g. drawing in funds from other organizations)
    • Approaches to addressing impediments or barriers to successful program implementation
    • Evaluation component (Results of the Program): Impacts and Outcomes
National, Strong & Effective Consortia
"NJ Jobs4Vets" : Jobs for Our Nation’s Veterans

• Target returning U.S. military as well as the New Jersey National Guard and Reserve

• New Jersey/New York Hazardous Materials Worker Training Center at the University of Medicine and Dentistry of New Jersey, School of Public Health (UMDNJ–SPH)

• Twenty-five veterans receive stipends covering all costs for the five-week training program as well as the application fees to apply for NJ state licenses in asbestos and lead abatement.
“New and Existing Training Resources

- GHS – Global Harmonization System Training
- Mold Training
- Hurricane Sandy Response Resources –
  - Muck and Gut Training
  - September 2013 - New Awards to 5 awardees for training cleanup workers (USW, TNEC, Rutgers (NJ/NY Consortium), SEIU and IUOE
- Training Workers for Risks of Nanomaterials
- Resources for Evaluating Training
Eliminating Health and Safety Disparities at Work: A Panel Discussion Background

• Conference: September 14 & 15, 2011 in Chicago, Illinois

• ~275 attended: academics, state and federal government workers, local and national non-profit leaders, community organizers, outreach workers, union members, clinicians, local, business representatives, chamber of commerce, occupational safety and health consultants
Eliminating Health and Safety Disparities at Work: A Panel Discussion Background

- Conference organized around 5 issue papers:
  - Effects of Social, Economic, and Labor Policies on Occupational Health Disparities
  - Discrimination, Harassment, Abuse, and Bullying in the Workplace: Contribution of Workplace Injustice to Occupational Health Disparities
  - Education and Training for Underserved Populations
  - Work Organization, Job Insecurity, and Occupational Health Disparities
  - The Health of the Low-Income Workforce: Integrating Public Health and Occupational Health Approaches

Promoting Integrated Approaches to Reducing Health Inequities Among Low-Income Workers: Applying a Social Ecological Framework

Sherry Baron, NIOSH; Sharon Beard, NIEHS; Amy K. Liebman, Migrant Clinicians Network; Letitia Davis, Mass Department of Public Health; Linda Delp, UCLA, Linda Forst, Univ. of Illinois Chicago; Laura Linnan, Univ. of North Carolina; Laura Punnett, Univ. of Mass Lowell; Laura S. Welch, Center for Construction Research and Training

CITATION: AMERICAN JOURNAL OF INDUSTRIAL MEDICINE: April 2013
There are about 39 million low income workers (31% of all workers)
Social-Ecological Framework

Health Departments

Community-Based Programs

Community Health Centers

McLeroy et al., 1988; Stokols, 1992; Green et al., 1996

Worksite
Environmental Health Disparities & Environmental Justice Meeting

- Date: July 29-31, 2013
- Location: NIEHS Research Triangle Park, NC
- Sponsors: NIEHS, EPA, NIHMD, CDC, HHS OMH and IHS
- Focus: To identify priorities for action to address environmental health disparities (EHD) and environmental justice (EJ).
- Goals: The main goals of this meeting will be to: Acknowledge and build off past meetings that have identified historical EHD & EJ issues; Prioritize research areas to ensure the most vulnerable populations' issues are addressed; Identify emerging EHD or EJ issues (new exposures that have not been considered in the past that may lead to new or additional health disparities); and, Develop a set of priorities that enables participants to set multi-year plans to address the most critical EHD and EJ issues.
• Location: EPA Health Effects Laboratory Campus, RTP NC

• Focus and Goals: This workshop seeks to examine the base from which the training operates - the WETP program itself. Planned discussions include lessons learned and future directions; examining themes, both positive and problematic, that cut across program areas; exploring important innovations such as accreditation, the emergence of mobile learning, and the maturing of blended-learning approaches. Both broad concepts such as partnerships and nuts and bolts issues that, for example could include the role of peer trainers.