

NIEHS Worker Training Program Awardee Meeting March 30, 2017 ECWTP Breakout Session

**THE CONDADO PLAZA
HILTON**

Mezzanine, Condado Room

SAN JUAN, PUERTO RICO





Moderator:

Sharon Beard
Industrial Hygienist



Worker Education and Training Branch
Division of Extramural Research & Training
National Institute of Environmental Health Sciences





Topics to be discussed

1. NIEHS ECWTP Update and Sharing Success Stories – Sharon D. Beard, NIEHS

2. DOE Environmental Justice and Training Conference – Work Health Equity Curricula – Linda Delp, WRUC UCLA and Sharon D. Beard, NIEHS

3. CPWR ECWTP Site Visit and HBCU Climate Change Conference – Hosts Dillard and Texas South University- Sharon and Awardees

Job Placement and Employer Information – High Profile – Exide, NASA, Flint, etc

6. OAI High Bridge Social Enterprise – Molly Dowling/Tippi Reed OAI, Inc. and Social Ecological Model of evaluation <http://www.millenniumreserve.org/Priorities/high-bridge/>

7. Brownfields and APHA

8. Open Discussion

**NIEHS Environmental Career Worker Training Program Update
Twenty-Year Summary of Training
For Budget Period 09/01/1996-10/28/2016 Final**

Year	Students Trained	Placed in Jobs	Percentage of Students Placed in Jobs
1996-2006	3,499	2,346	67%
2007	385	241	63%
2008	317	222	70%
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%
Total	7,425	5,236	71%

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.



- University of Washington PACE – (ECWTP) <http://deohs.washington.edu/environmental-health-news/investing-those-most-risk>
- CPWR Carpenters [Alumni Profiles](http://www.ecpapno.org/news/) -<http://www.ecpapno.org/news/>

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 19 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 Carpenter in the 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. 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.

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Investing in Those Most At Risk

Return to 2015, Issue #2 Issue



Jak Kizavskii was among the students in the first PACE training cohort. Photo: Katherine Turner

PACE provides trade-related job skills toward a construction industry apprenticeship, which is an on-the-job training for novices under an experienced practitioner. PACE is a grueling 11-week or 350-hour program.

The folks watching, taking notes, are looking for drive, a person who won't quit. They test for drugs. They ask personal questions. What would prevent a person finishing the program? They are judging the applicants by their perseverance, positive attitude, punctuality, and work ethic, not their histories.

Not everyone makes it to graduation. But for those that do, there is a 50-percent placement rate and the opportunity to make \$15-20 an hour.

Job security and a steady paycheck aren't taken for granted by these prospective students. Many are minorities, from low-income groups. Some didn't graduate from high school. They may have learning disabilities. A couple have served time in prison. One has a mom who was hooked on drugs and living on the streets when she was growing up, a father murdered at a Jack in the Box.

The program is a means for students to get back on their feet and break the cycle, said Michael Dunn, who was among the interviewers at PACE tryouts. He manages the Worker Training Program in the Department of Environmental and Occupational Health Sciences, which provides health and safety training in PACE.

Butch de Castro, an adjunct associate professor, in the department directs the Worker Training Program funded by the National Institute of Environmental Health Sciences. He explains that the construction industry is rife with hazards and job safety is key, particularly for workers new to the industry.

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



the environment, and OSHA regulations.

They are also taught life skills, such as managing finances.

Basic industry knowledge and skills are taught by Scott Sanchez, the trades instructor hand tool & power tool use, trades math, blueprint reading, certifications in forklift, flagging, and first aid/CPR. Sanchez has 21 years of experience in the industry.

He knows how to do it right," said Janey Simpson, a single mother in the first PACE cohort. "It's 11 weeks for the rest of your life," she said. "As long as you show up and show Scott and Diane that you are ready and you want to learn, they're going to sell you up to 10."

Diane Davies administers the PACE program. She also helps students manage some of the obstacles and barriers they have and gives them support and structure. When they're needed, bus passes are available. Food is provided by a food bank and Salway's. The students' uniform, their standard equipment—hard hats, boots, gloves, tool belts—are donated by local construction companies, general contractors and labor and electrician unions.

It's the industry investing in the apprenticeship program as a pipeline into the industry," she said. There are multi-billion-dollar projects all over the city that need skilled workers. There's a need in the industry, there's a need in our community," Davies said.

The City of Seattle must hire a percentage of workers from the local area where the

By Elizabeth Sherga. Photos and Video by Katherine Turner

Construction pre-apprentices get safety training and job skills in 11 weeks

There are over a dozen men and women on the second day of tryouts for the Washington State Building and Construction Trades Council's King County Pre-Apprenticeship Construction Education (PACE) program, the first nationally to be sponsored by a building and construction trades council.

It's a typical day in Seattle, Overcast. Soon the sky opens, releases a sprinkle, sometimes a deluge. But those trying out for admittance into PACE aren't as typical, and that's why they're there. Melissa Donahue and Tonika Marie Love are one-by-one lifting three 50-pound bags of cement out of a wheelbarrow with a flat tire, then returning them again, and putting it down the dock. Love is breathing hard. Her face is red, grim, determined. Inside, another four-person team is taking turns carrying, then lining up two-by-four pieces of wood or stacking cement blocks.

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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

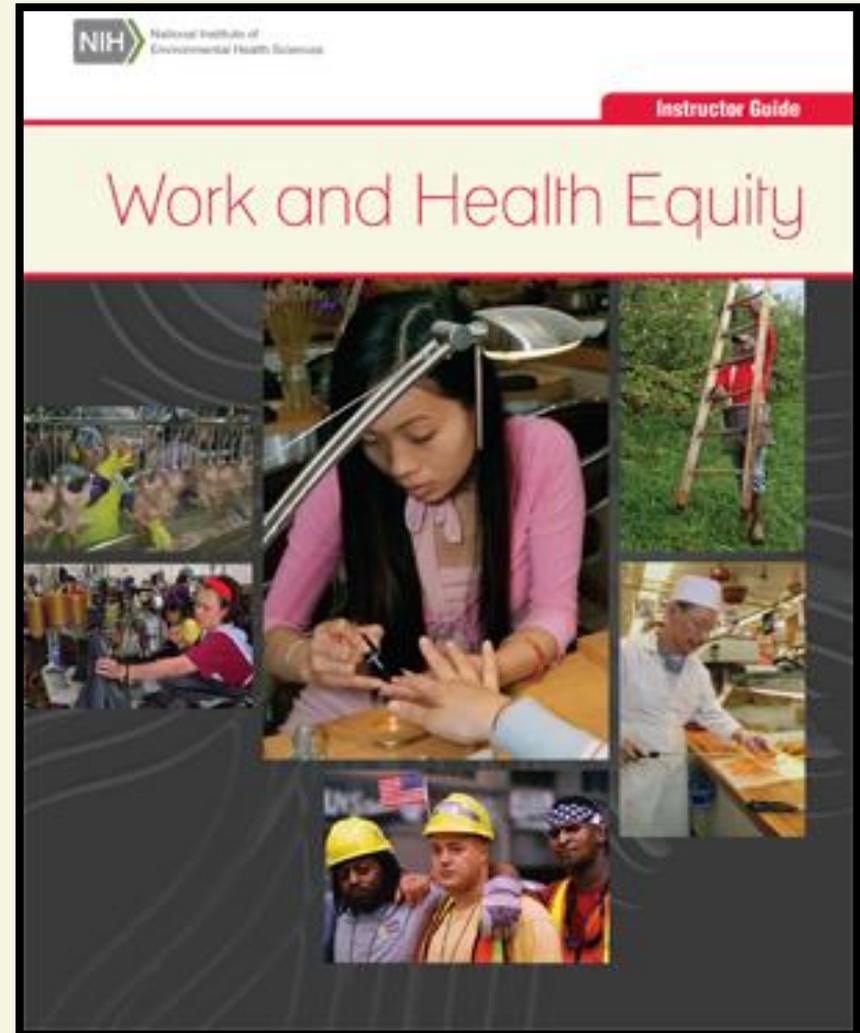
Accessing the Curriculum Module

<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/>



ENVIRONMENTAL & CONSTRUCTION
PRE-APPRENTICESHIP PROGRAM

Training Tomorrow's Craftsmen



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5th Anniversary HBCU Climate Change Conference 2017 Schedule

5:00 pm – 6:15 pm

Moderator:

Dr. Ebony Turner

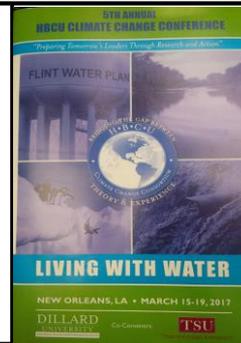
Workforce Development: *Creating Strategies to Develop the Resilient Worker in an Extreme Environment*

Dr. Gerald Poje Fairfax County Human Services Council, *Think globally, embed locally for action*

Sharon Beard, National Institute of Environmental Health Sciences, *Training to Protect Vulnerable Workers and Communities*

Donele Wilkins, Green Door Initiative, *Workforce Development*

Jose Bravo, Just Transition



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



HBCU Climate Change Workshop



Dr. J. Marshall Shepherd, University of Georgia, *The Art of Communicating*

- 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*



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