



National Institute of Environmental Health Sciences
Your Environment. Your Health.

ECWT Program Breakout Session

**Sharon Beard, Industrial Hygienist
NIEHS Worker Training Program**

May 9, 2018

Environmental Career Worker Training Program





WTP Creates New Job Opportunities: Environmental Career Worker Training Program (ECWTP)

Job and life skills training program: For unemployed and underemployed individuals

Success: Since beginning of program, over 11,352 workers have been trained with an average 70% employment rate.

Economic Impact Analysis: \$100 million return on \$3.5 million investment.

- Increases probability of employment by approximately 59%.

Local Programs: E.g. Training in East Palo Alto, CA; New Orleans, LA; and St. Paul, MN (CPWR)

- 2017: Graduated all 60 trainees; 48 are employed for a job placement rate of 80% with an average of \$17.81 per hour.
- Job retainment: 2016 class -74% of graduates are working; 2015 class - 91% are working.



- Center for Construction Research and Training
 - New Orleans, LA; St. Paul, MN; East Palo Alto, CA and Flint MI.
- 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





NIEHS Environmental Career Worker Training Program Update For 09/01/1996-05/31/2017 Final

Year	Students Trained	Placed in Jobs	Percentage of Students Placed in Jobs
1996-2008	7566	5115	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%
Total	11,352	7,934	71%

ECWTP 2017 Student Demographics

RACE	2017
American Indian	5
Asian	19
Black	297
Hispanic	127
Other	108
Pacific Islander	6
Totals:	562

GENDER	2017
F	124
M	438
Totals:	562

EDUCATION	2017
GED	132
HS DIPLOMA	392
NO GED	38
Totals:	562



UNEMPLOYED or UNDEREMPLOYED	2017
UN	321
UNDER	241
Totals:	562

TYPE OF WORK	2017
CONSTRUCTION	310
ENVIRONMENTAL	92
Totals:	402



Success Stories from Training.....

The photo to the right is of Lushorn L. at a work site. Lushorn L. is a 38 year old mother of seven children and graduated from the 2013-2014 program year. Her success story was initially reported last year. During her training she won the Trainee of the Month award and received perfect attendance awards every month. Lushorn joined the carpenters union and started working at an hourly wage of \$25.44 with Cahill Construction. Lushorn is now a second year apprentice, with an hourly wage rate of \$42. She recently remarked that she is much more aware of potential hazards on the job sites and realizes the importance of the safety training. With her new career with a living wage, she was able to send her two oldest children to college.



Photo: Lushorn L. is a former East Palo Alto ECWTP

- Brownfields 2017-Pittsburgh, PA
 - ECWTP Awardee Meeting
- National Environmental Justice Conference and Training Program – April 2018
- American Public Health Association (APHA) –San Diego, CA

Brownfields 2017
SUSTAINABLE COMMUNITIES START HERE

PITTSBURGH, PA
DECEMBER 5 – 7, 2017
with pre-conference programming on December 4th
DAVID L. LAWRENCE CONVENTION CENTER

APHA 2018
ANNUAL MEETING & EXPO
SAN DIEGO | NOV. 10 – 14

CREATING THE HEALTHIEST NATION:
HEALTH EQUITY NOW



+ WWW.BROWNFIELDS2017.ORG

PITTSBURGH, PA



Pre-Apprenticeship Partnerships

Steve Surtees, CPWR

Yodit Semu, UCLA-LOSH

Howard Hipes, Michigan Bricklayers



NIEHS ECWTP Program Meeting



NIEHS ENVIRONMENTAL CAREER WORKER TRAINING PROGRAM MEETING **DECEMBER 8, 2017**
9:00 AM TO 1:00 PM

Location: **USW Headquarters**
60 Boulevard of The Allies, Pittsburgh, PA 15220
Lobby Conference Room

9:00 AM -9:30 AM **Welcome and Introductions**
NIEHS Welcome | Sharon D. Beard
USW Welcome | Ashlee Fitch
Introductions | Sharon D. Beard

9:30 AM -10:00 AM **The United Steelworkers/TMC Presentation**
USW Overview | Jim Young
Community Health Worker | Luisa Arias and Javier Gallardo
A Phillip Randolph Institute | DeWitt Walton and Frank Condell

10:00 AM -11:30 AM **ECWTP Accomplishments/Outcomes (10-15 minutes each)**
CPWR | Steve Surtees
Rutgers/NJ/NY Consortium | Joan Staunton
Deep South Center for Environmental Justice/ HBCU Consortium | Beverly Wright
OAI, Inc. | Cleophus Lee
WRUC | Yodit Semu

11:30 AM -11:45 AM **Break and Grab Lunch**

11:45 AM -12:45 PM **Discussion Topics (15-20 minutes each)**
Non-Traditional Workforce | Joan Staunton
Disaster Worker Training | Steve Surtees
Employing Community Residence Through Training and Certifications | Bruce McClue

12:45 PM -1:00 PM **Wrap up and Closing**

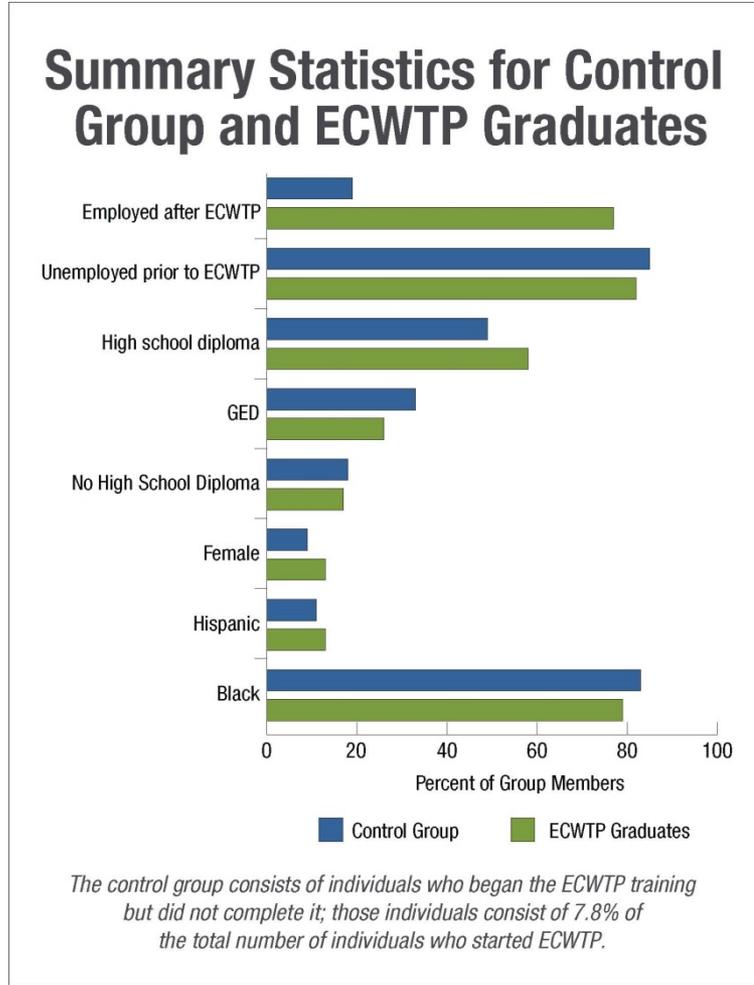
- Change of Scope or Revised Training Plans
- Change in Key Personnel
- Rebudgeting consortia
 - Must be approved in advance
- Terms and Conditions of Award
- NIEHS Acknowledgment
 - <https://grants.nih.gov/grants/acknow.htm>
- Reporting Requirements/Issues

Benefits defined

- Seven monetary benefits between 1995 and 2013

Total Value Added	<i>\$1.79 Billion</i>
Effect on earnings	\$1,593 million
Safety and related cost savings	\$153 million
Hiring cost savings	\$16.8 million
Crime cost savings	\$22.1 million
Effects on taxes and transfers	\$717 million
Environment-related benefits	Indeterminate
Matching funds and community involvement (2013 only)	\$2.3 million

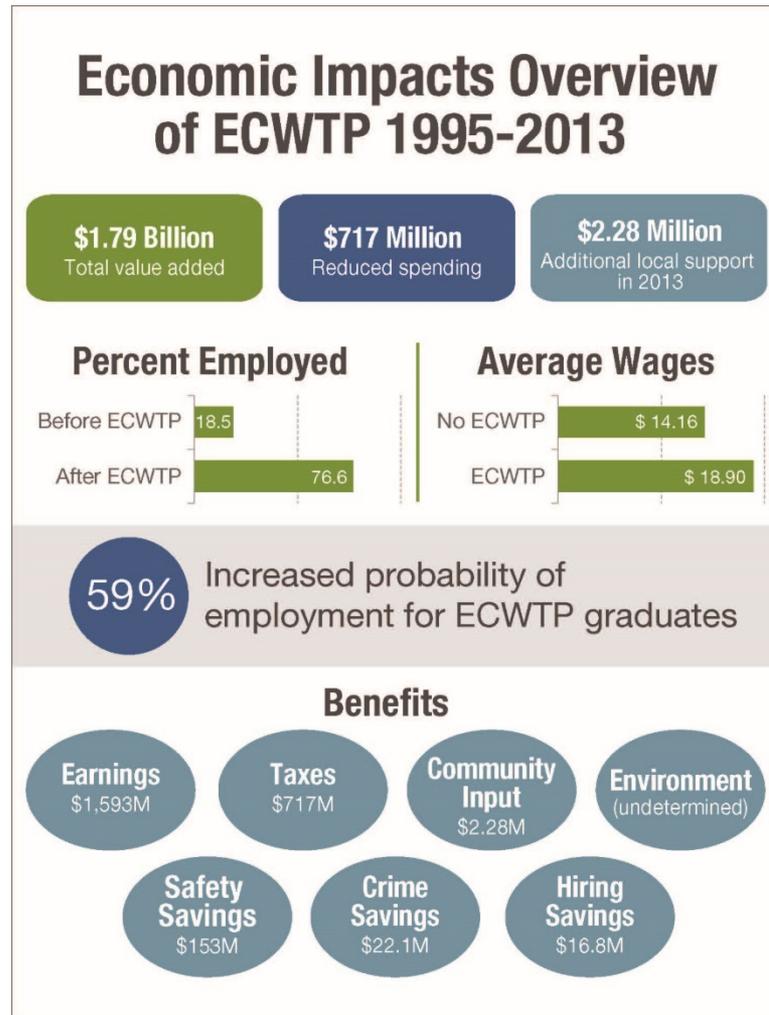
Summary Statistics: Control Group and ECWTP Graduates



Data used in analysis

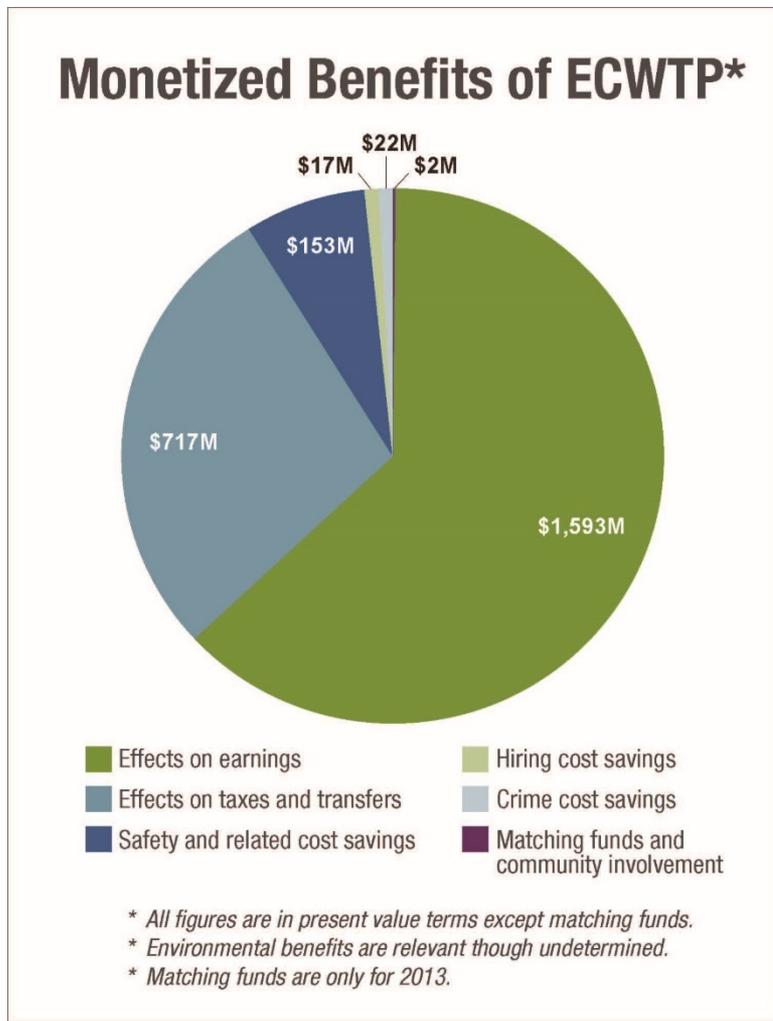
- Basic demographics
- Employment history
- Post training survey
 - Employment status, job type, wages
- Short survey of 2013 trainees
- Grantee webinars

Overview of Findings



- Benefits
 - Higher earnings
 - Fewer workplace injuries
 - Lower hiring costs
 - Reduced crime related costs
 - Improved government fiscal budget
 - Environmental benefits
 - In-kind donations

Monetized Benefits



- \$1.6B in higher earnings for its graduates,
- \$153 less workplace injury costs,
- \$16.8M less hiring costs,
- \$22.1M less crime related costs
- \$2.3M in 2013 in contributions from firms and non-profits

- Best Practices Report
http://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=10040
- Economic Impact Report
http://www.niehs.nih.gov/careers/hazmat/wtp_ecwtp_report_508.pdf
- NIEHS Worker Training Program
 - <http://www.niehs.nih.gov/careers/hazmat/index.cfm>
 - NIEHS WTP Listservs/Mailing lists - <https://www.niehs.nih.gov/careers/hazmat/links/index.cfm>
- NIEHS NATIONAL CLEARINGHOUSE - <http://tools.niehs.nih.gov/wetp/>
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