

NIEHS Worker Training Program

Program Overview

- The National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP) provides awards to organizations to develop model worker safety and health training programs for workers involved in handling hazardous materials or in responding to emergency releases of hazardous materials.
- Since 1987, WTP has developed a strong network of nonprofit organizations that deliver high-quality, peer-reviewed safety and health curriculum to hazardous waste workers and emergency responders in every region of the country. These courses have established national benchmarks for quality worker safety and health training, including a strong emphasis on peer instructors and hands-on instruction.
- Nearly 5 million workers across the United States have received WTP-supported safety and health training.



WTP Program Areas

- **Hazardous Waste Worker Training Program (HWWTP)** – This program provides model occupational safety and health training for workers who are or may be engaged in activities related to hazardous waste removal, containment, or chemical emergency response.
- **NIEHS/Department of Energy (DOE) Nuclear Worker Training Program** – This program focuses on training workers engaged in environmental restoration, waste treatment, and emergency response activities at sites in the DOE nuclear weapons complex.
- **Environmental Career Worker Training Program (ECWTP)*** – This program provides technical and life skills training to individuals that are hardly reached due to social or economic burdens. The program helps individuals obtain sustainable careers in environmental cleanup, construction, hazardous waste removal, and emergency response.
- **HAZMAT Disaster Preparedness Training Program (HDPTP)** – This program supports the development and delivery of disaster-specific training to prepare workers to respond to natural disasters and possible future terrorist incidents involving weapons of mass destruction.
- **Small Business Innovation Research (SBIR) E-Learning for HAZMAT Program** – This program focuses on the development of e-learning products that support health and safety training of hazardous materials workers, emergency responders, and skilled support personnel; community and citizen preparation and resiliency; and research into the acute and long-term health effects of environmental disasters.
- **Infectious Disease and Biological Hazards Training** – While this is not a separate training program, infectious disease and biological hazards are considered across all program areas for WTP. Specifically, this includes the development and delivery of infection control practices and hazard recognition training for workers who may be at risk of exposure to infectious diseases, such as Ebola, Zika, COVID-19, and highly contagious flu. To date, WTP has received two multi-year supplemental appropriations to address infectious diseases, specifically for Ebola (2014) and COVID-19 (2020).

* Prior to 2014, the ECWTP was known as the Minority Worker Training Program (MWTP). The NIEHS/U.S. Environmental Protection Agency (EPA) Brownfields MWTP ended in 2008 and a specific Brownfields job training component has been incorporated into this program.

AWARD RECIPIENTS

- Alabama Fire College
- Atlantic Center for Occupational Health and Safety
- Cell Podium, LLC
- Charles River Analytics, Inc.
- CPWR-The Center for Construction Research and Training
- Historically Black Colleges and Universities Consortium
- International Association of Fire Fighters
- International Brotherhood of Teamsters
- International Chemical Workers Union Council Center for Worker Health and Safety Education
- International Union, United Auto Workers
- inXsol, LLC
- Juxtopia, LLC
- LIUNA Training and Education Fund
- Medcognition, Inc.
- Midwest Consortium for Hazardous Waste Worker Training
- Nova Southeastern University
- OAI, Inc.
- Partnership for Environmental Technology Education
- Prevention, Preparedness, and Response Consortium
- Radiant Creative Group, LLC
- Sustainable Workplace Alliance
- The New England Consortium-Civil Service Employees Association
- The Steelworkers Charitable and Educational Organization
- Western Region Universities Consortium

NIEHS HWWTP

37-year Training Summary for the Budget Period
Aug. 1, 1987 – July 31, 2024

Year	Total Courses	Total Workers	Total Contact Hours
1988-1998	38,482	730,015	11,415,057
1999	3,981	74,013	956,251
2000	4,124	75,155	984,350
2001	4,806	79,710	1,031,394
2002	5,298	93,996	1,098,503
2003	5,586	95,265	1,132,682
2004	7,054	124,127	1,222,333
2005	7,663	130,837	1,211,824
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
2011	7,775	134,539	1,306,807
2012	8,444	137,358	1,348,264
2013	8,607	142,141	1,407,102
2014	9,561	161,958	1,407,558
2015	9,300	164,346	1,434,561
2016	7,449	121,379	1,112,322
2017	7,382	112,622	1,057,864
2018	7,979	134,641	1,078,783
2019	7,697	121,647	1,131,218
2020	6,489	113,752	834,650
2021	7,113	106,670	715,013
2022	7,101	113,224	874,641
2023	7,775	129,277	1,073,916
2024	8,138	132,033	1,294,225
Total	227,846	3,933,536	42,110,622

NIEHS/DOE Nuclear Worker Training Program

31-year Training Summary for the Budget Period
Sept. 1, 1993 – Aug. 31, 2024

Year	Total Courses	Total Workers	Total Contact Hours
1994-2004	14,769	199,325	2,834,957
2005	1,961	25,442	329,840
2006	2,044	26,365	325,533
2007	2,283	34,074	400,491
2008	2,225	33,702	414,746
2009	2,265	36,266	530,271
2010	2,188	35,329	523,287
2011	1,987	31,238	405,556
2012	1,963	29,842	365,083
2013	1,790	27,737	309,977
2014	1,900	28,334	311,412
2015	1,830	26,396	323,316
2016	1,927	28,162	368,680
2017	2,066	32,202	389,786
2018	1,679	27,769	343,923
2019	1,795	29,714	368,276
2020	1,387	19,572	214,129
2021	1,901	23,095	280,377
2022	1,890	26,163	327,619
2023	2,378	35,095	421,842
2024	2,011	29,411	347,902
Total	54,239	785,233	10,137,003

NIEHS ECWTP (formerly MWTP)

29-year Training Summary for the Budget Period
Aug. 1, 1995 – July 31, 2024*

Year	Students Trained	Placed in Jobs	Percentage of Students Placed in Jobs
1996-2008	7,566	5,115	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%
2018	569	423	74%
2019	644	497	77%
2020	453	269	59%
2021	491	305	62%
2022	512	366	71%
2023	657	489	74%
2024	631	461	73%
Total	15,309	10,746	70%

* The 1996-2008 numbers include numbers from the NIEHS/EPA Brownfields Minority Worker Training Program

NIEHS HDPTP

19-year Training Summary for the Budget Period
Aug. 1, 2005 – July 31, 2024

Year	Total Courses	Total Workers	Total Contact Hours
2006-2011	3,964	57,496	595,213
2012	684	9,327	94,096
2013	825	12,465	112,668
2014	935	12,984	128,070
2015	899	12,953	145,699
2016	784	12,550	109,081
2017	839	12,238	127,783
2018	1,141	17,354	154,333
2019	1,284	18,660	174,131
2020	1,267	28,617	204,531
2021	880	28,283	221,195
2022	1,290	24,861	196,452
2023	911	29,933	298,817
2024	1,453	34,946	309,125
Total	17,156	312,667	2,871,194