Worker Training Program

NIEHS Worker Training Program Awardees, 2015-2020

The Superfund Amendments and Reauthorization Act of 1986 gave the National Institute of Environmental Health Sciences (NIEHS) responsibility for initiating the Worker Training Program (WTP). The program funds nonprofit organizations with a demonstrated track record of providing high-quality occupational safety and health training to workers involved in handling hazardous materials or in responding to emergency releases of hazardous materials.

In 2015, funding awards were made to 18 organizations under the following NIEHS WTP program areas: the Hazardous Waste Worker Training Program (HWWTP), the NIEHS/U.S. Department of Energy Nuclear Worker Training Program (DOE program), the Environmental Career Worker Training Program (ECWTP), and the HAZMAT Disaster Preparedness Training Program (HDPTP). More information on each program is available at: http://www.niehs.nih.gov/careers/hazmat/about_wetp/index.cfm.

Alabama Fire College

Alabama Fire College (AFC) is funded under the HWWTP and the HDPTP. The AFC Workplace Safety Training Program will provide training to two worker populations: members and employees of Native American tribes nationwide, and public safety personnel within the southeastern United States. AFC will be joined by the Native American Fish and Wildlife Society and United South and Eastern Tribes to promote the training to tribal emergency response personnel.


Community College Consortium for Health and Safety Training

The Community College Consortium for Health and Safety Training (CCCHST), administered by the National Partnership for Environmental Technology Education (PETE) in partnership with the Hazardous Materials Training and Research Institute, consists of more than 100 community colleges and training partners. CCCHST aims to make worker training nationally available through its member organizations, whose instructors are prepared through a Train-the-Trainer model program.

Under the HWWTP, CCCHST instructors will train students, workers, and supervisors to protect themselves and their communities from exposure to hazardous materials encountered during hazardous waste site cleanup, Brownfields redevelopment, hazardous materials transportation, and response to spills and releases of hazardous materials. PETE will provide training to community college students, technical high school students, community-based and faith-based responders, and the nation’s first responders under the HDPTP.

Under the DOE program, CCCHST will provide training to DOE contractors and subcontractors at the following DOE environmental restoration and waste management sites: Oak Ridge Operations, Tennessee; Portsmouth Site, Ohio; Paducah Gaseous Diffusion Site, Kentucky; Savannah River Site, South Carolina; and Pantex, Texas.

CPWR – The Center for Construction Research and Training

CPWR consists of a training consortium of 11 international/national building trades unions that represent workers engaged in hazardous waste work at designated hazardous waste sites nationwide. Under the HWWTP, CPWR will provide environmental health and safety training to construction workers from a variety of crafts and organizations, such as electrical workers, asbestos workers and insulators, carpenters, and others. CPWR’s major objective under the HDPTP is to develop a cadre of local skilled construction workers trained in disaster response who may be called on to support first responders in rescue, recovery, and cleanup operations.

For the ECWTP, CPWR will continue programs for eligible residents in New Orleans, Louisiana; St. Paul, Minnesota; and East Palo Alto, California.

Under the DOE program, CPWR will train construction workers called upon to work on DOE sites in support of hazardous waste operations, facility decommissioning and decontamination, hazardous materials transportation, environmental restoration of contaminated facilities, or chemical emergency response.


Dillard University

The Historically Black Colleges and Universities (HBCU) Consortium is led by the Dillard University Deep South Center for Environmental Justice in New Orleans, Louisiana. Their partners are Texas Southern University (Houston, Texas); the Green Door Initiative (Detroit, Michigan); Harambee House, Inc. (Savannah, Georgia); and Unity in the Family Ministry (Pensacola, Florida).

For both the HWWTP and the ECWTP, the Consortium will target underserved populations in their training areas. HWWTP training will occur in New Orleans, Louisiana; Atlanta and Savannah, Georgia; Detroit, Michigan; and HBCUs and minority small businesses in the Southeastern area. ECWTP training will occur in New Orleans, Louisiana; Houston, Texas; Detroit, Michigan; and Pensacola, Florida.


International Association of Fire Fighters

Under the HWWTP and the HDPTP, the International Association of Fire Fighters (IAFF) will train hazardous materials workers and chemical responders, including potential disaster response workers, to protect themselves and their communities from exposure to hazardous materials. This training applies to routine daily work as well as potential disaster response, which may include chemical and radiation emergency response.

Under the DOE program, IAFF will target workers and first responders with a likelihood of responding to assist in emergencies at DOE facilities within a 150-mile radius, resulting in appropriately-trained responders who may be dispatched to a specific DOE facility via site mutual aid agreements.


International Brotherhood of Teamsters

The International Brotherhood of Teamsters (IBT) is funded under the HWWTP, the HDPTP, and the DOE program. For the HWWTP and the HDPTP, the IBT Consortium consists of 12 IBT training centers and the Rail Workers Hazardous Materials Training Program, representing nine rail unions. The target population of workers includes remediation and construction workers, truck/rail transportation workers, warehouse workers, and airline workers.

Under the DOE program, the IBT Consortium consists of seven IBT training centers and the Rail Workers Hazardous Materials Training Program. The Consortium will provide training to a targeted population of workers within the DOE complex, including workers who deliver drums and water to facilities; operate forklifts, tractors, and dump trucks on-site; repair on-site roads; haul contaminated soil; and transport radioactive material by both road and rail.

Under the HWWTP and the HDPTP, the International Chemical Workers Union Council (ICWUC) Center for Worker Health and Safety Education and its nine-member union-based Consortium will continue a national multiunion training program to protect a range of collateral duty emergency responders and disaster workers and to develop a cadre of worker trainers. Consortium members include: the American Federation of Government Employees, the American Federation of Teachers, the Coalition of Black Trade Unionists, the International Association of Machinists and Aerospace Workers, ICWUC, the Labor Council for Latin American Advancement, the National Council for Occupational Safety and Health, National Nurses United, the United Food and Commercial Workers International Union, and the University of Cincinnati.

Under the DOE program, the ICWUC Consortium will deliver training at four DOE facilities: Hanford, Washington; Oak Ridge, Tennessee; Kansas City, Missouri; and Los Alamos, New Mexico. The International Association of Machinists and Aerospace Workers is a significant partner in these efforts, representing members at three of these sites.


The International Union of Operating Engineers (IUOE) National Training Fund (NTF) is funded under the DOE program. The NTF will primarily provide training at Hanford, Los Alamos National Laboratory, Idaho National Laboratory, and Oak Ridge National Laboratory, but will reach out to additional DOE sites over time. The training population will include peer trainers who are IUOE workers at a DOE site, appointed from their local union training programs, and are existing apprenticeship and journey-level trainers with adult education experience, as well as workers/trainees working at DOE sites or preparing to go to work at DOE sites.


Under the HWWTP, the International Union, United Automobile, Aerospace and Agricultural Implement Workers of America (UAW) will expand the scope of an ongoing program whose long-term objective is to prevent work-related harm by providing health and safety training to UAW members and members of communities disadvantaged by environmental injustice, limited English proficiency, and lack of educational opportunity. UAW and the University of Michigan will work together to assure the ongoing high quality of training in existing and new programs.

The priority training population will be drawn from chemical emergency response teams, hazardous waste handlers, and workplace joint labor-management committees. Spanish-speaking workers are another target population. UAW has formed a consortium with Macomb International Service Center, Catholic Charities Hispanic Outreach Services, and United Hispanic Workers of Detroit to provide health and safety training. UAW also works with Detroiters Working for Environmental Justice, a community organization serving the inner city, and the Green Door Initiative.


Under the HWWTP and the HDPTP, the Laborers’ International Union of North America (LIUNA) Training and Education Fund will provide training to help workers identify job site hazards; protect themselves, the community, and the environment; prepare for unanticipated job site incidents; and support disaster response actions. Training will target construction craft laborer apprentices and journey workers, and other construction trades, environmental contractors, and government personnel when appropriate. Special outreach will target minority, disadvantaged, and non- or limited-English-speaking workers.

The Midwest Consortium for Hazardous Waste Worker Training (MWC) will conduct training under the HWWTP to serve the needs of workers and communities potentially exposed to hazardous materials in nine states: Illinois, Indiana, Kentucky, Michigan, Minnesota, North Dakota, Ohio, Tennessee, and Wisconsin. Consortium members include: the University of Cincinnati (lead organization); the Citizens Environment Alliance; the Environmental Management Institute; ERS International; Fisk University; the Greater Cincinnati Occupational Health Center; the Green Door Initiative; Lakeshore Technical College; the Ohio Environmental Council; the Three Affiliated Tribes; the University of Illinois; the University of Minnesota; the University of Tennessee; and YouthBuild Louisville.

MWC has successfully developed and implemented awareness and preparedness programs for workers at hazardous waste sites and at treatment, storage, and disposal facilities; emergency responders; and the underserved.


Under the HWWTP and the HDPTP, the New Jersey/New York Hazardous Materials Worker Training Center will train workers about safety issues during cleanup of hazardous waste sites; issues related to generation, treatment, and storage of hazardous materials; and emergency response. Center members include: Rutgers School of Public Health; CUNY School of Public Health; New Jersey State Police; New York Committee for Occupational Safety and Health; the New York City District Council of Carpenters Labor Technical College; the University at Buffalo; the Universidad Metropolitana; and the World Cares Center.

Under the ECWTP, the Center will use focused strategies to recruit, train, and employ underserved residents living in New York City, New York, and Essex and Hudson counties in New Jersey for construction and environmental remediation work.


The Institute for Disaster and Emergency Preparedness at Nova Southeastern University is funded under the HWWTP and the HDPTP. For the HWWTP, Nova will provide new and ongoing on-site preparedness training for maritime employees, including dock workers, ship workers, and their supervisors, as well as safety trainers and law enforcement personnel. Under the HDPTP, Nova will partner with a concurrent program, the Hazardous Material Maritime Industry Response Training Safety Initiative, to provide training on hazardous material disaster response preparedness.


OAI HWWTP Consortium partners include: OAI as the lead organization (Chicago, Illinois); Emery & Associates (Illinois); Commonwealth of Kentucky Division of Fire Prevention and State Police; Thomas O. Murdock, Ph.D. (Minnesota); Metropolitan Energy Center (Kansas/Missouri); Cleanslate – The Cara Program (Illinois); YouthBuild USA member organizations (12 states); Boat People SOS (five states); Building Materials Reuse Association (Illinois); Mendez Environmental (Louisiana); and small manufacturers in Illinois. OAI ECWTP Consortium partners include: OAI (Chicago, Illinois); City Square (Dallas, Texas); and Metropolitan Energy Center (Kansas City, Missouri).

OAI’s HWWTP target training populations include underfunded rural and volunteer emergency first responders; transitional and temporary workers and high school dropouts; and nonunion workers, including Hispanic hazardous waste handlers. The OAI ECWTP will assist unemployed African-Americans, Hispanics, women, ex-offenders, and veterans who face multiple barriers to employment in Chicago, Illinois; Dallas, Texas; and Kansas City, Kansas/Missouri.

The Texas-Utah Consortium for Hazardous Waste Worker Education and Training (Texas-Utah Consortium) leverages two large, well-established education and research centers in a collaborative partnership between the University of Texas Southwest Center for Occupational and Environmental Health and the University of Utah Rocky Mountain Center for Occupational and Environmental Health.

Training provided by the Texas-Utah Consortium under the HWWTP will target people working with, or in, high-risk areas, communities, or industries or those engaged in high-risk activities such as hazardous waste/substances handling, transport, removal, disposal, or spill/disaster response. For the HDPTP, the Texas-Utah Consortium will train a broad audience from many industrial sectors, as well as the general community. Both training programs will be tailored to accommodate individuals with high-, mid-, and low-level technical skills. Special emphasis will be directed toward recruiting and training veterans and minority populations in order to enhance diversity and provide career opportunities to groups who may not have been previously aware of safety-related careers.


The New England Consortium-Civil Service Employees Association

The New England Consortium-Civil Service Employees Association (TNEC-CSEA) is a partnership of the University of Massachusetts Lowell (lead organization); five New England coalitions for occupational safety and health (COSH groups) in Massachusetts, Rhode Island, Connecticut, and New Hampshire; and CSEA Local 1000, AFSCME in New York.

Under the HWWTP, the Northeast region health and safety training program will target workers engaged in hazardous waste operations and emergency response in the six New England states and New York. Training under the HDPTP will target public and private sector skilled support personnel in the New England states and New York. An immigrant worker center network capacity-building pilot project in Massachusetts and Rhode Island will provide HDPTP health and safety awareness training in Spanish and Portuguese for Latino and Brazilian immigrant workers.


The Steelworkers Charitable and Educational Organization

The Steelworkers Charitable and Educational Organization (SCEO), the nonprofit arm of the United Steelworkers (USW), is funded under the HWWTP, the HDPTP, the ECWTP, and the DOE program. The Tony Mazzocchi Center, SCEO’s training entity, brings together USW, the Communications Workers of America, the Labor Institute, the National Day Laborer Organizing Network, and Make the Road New York.

Under the HWWTP, SCEO will conduct courses reaching steelworkers, immigrant day-laborers, and temporary workers who face a myriad of hazards on their ever-shifting work sites. Under the HDPTP, SCEO will continue to develop the expert Specialized Emergency Response Trainers cadre who serve as a part of the national WTP team, ready to respond to any emergency anywhere. For the ECWTP, SCEO will identify, recruit, train, and secure jobs for unemployed and underemployed workers in New York City who live in communities where they are disproportionately exposed to environmental hazards and are at risk of the inequitable health consequences of those exposures. SCEO training provided under the DOE program will target workers whose jobs put them at risk of exposure to hazardous materials and waste and risks associated with hazardous materials incidents.

The Western Region Universities Consortium (WRUC) consists of the University of California, Los Angeles Labor Occupational Safety and Health Program as the lead institution; the University of California, Berkeley Labor Occupational Health Program; the Arizona State University Fulton Schools of Engineering Environmental & Resource Management Program; and the University of Washington Northwest Center for Occupational Health & Safety.

WRUC will provide training under the HWWTP, the HDPTP, and the ECWTP. HWWTP activities will reach hazardous materials and waste workers and supervisors throughout the region and strengthen emergency response capacity on the U.S.-Mexico border, among tribal groups, and in the Pacific Islands. A climate change initiative will incorporate technology to reach day laborers and the large Spanish-speaking outdoor workforce. HDPTP activities will reach workers and community members through partnerships with tribal groups in Alaska and the Pacific Northwest and with labor and community environmental justice groups in California. ECWTP activities will train and place workers in construction and environmental jobs in Los Angeles, California; Seattle, Washington; and Portland, Oregon.