



NORTHWEST CENTER FOR OCCUPATIONAL HEALTH AND SAFETY

National Institute for Occupational Health and Safety (NIOSH) Education and Research Center (ERC) Serving Alaska, Idaho, Oregon, and Washington (Region x)

The Northwest Center ERC is a multidisciplinary program dedicated to training professionals in the prevention of work-related injury and illness. Our practitioners serve employers and workers to save lives and save money.

RECOGNIZING THE NEED



2015 Region X Statistics ¹



\$250 Billion
total cost of occupational injuries and illnesses in the US annually. ²



40% of CFOs
cited productivity as the top benefit of an effective safety program. ⁴



\$4-6 Return
Each \$1 invested in injury prevention returns \$4-6 more in increased productivity and decreased compensation spending. ³

EDUCATING PROFESSIONALS - CONTINUING EDUCATION

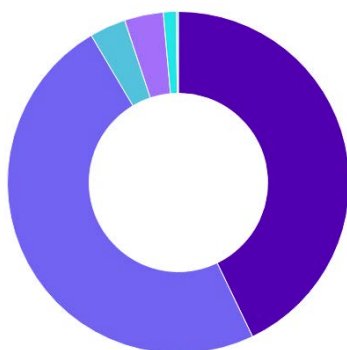


7930
professionals participated in training in the past 10 years.



1800
businesses benefited from our training from 2010-2016.

Attendee Demographics 2015-2016



- Local/State Government
- Private Industry
- Academic
- Federal Government
- Other
- Non Profit

Recent courses of note:

- Process Safety Management: Principles and Industry Applications
- Loss Prevention Through Ergonomics: Best Economic Practices for Sustaining Worker Health
- Leadership in Health and Safety
- Graduated Return to Work
- Health and Safety in the 24/7 Economy
- Bakken Oil Transport: Emerging Risks Awareness Training
- Treating Patients with Highly Contagious Infectious Diseases: Using Technology to Advance Safety



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OUR SERVICES AT WORK

Through Northwest Center services, professionals in Region X gained new knowledge and skills to build long-term, continuous improvement safety programs at companies such as:

Washington

Amtrak, Boeing, Darigold, Fred Hutchinson Cancer Research Center, Nucor Steel, Puget Sound Naval Shipyard and Intermediate Maintenance Facility, Seattle City Light, Seattle Fire Department, Sellen Construction Company, Tesoro

Oregon

Chaucer Foods, General Sheet Metal, Intel, International Paper, Railroad Workers Hazardous Materials Training Program, SAIF Corporation, Skanska, Tofurky, Trident Seafoods, Vigor International, Weyerhaeuser, Xerox

Idaho

AceCo Precision Manufacturing, American Geotechnics, Central Paving, Hearthside Food Solutions, Idaho Insurance Fund, Lucky Peak Power Plant, Micron Technology, SUEZ Water, St. Luke's Health System, URS International, Western Aircraft

Alaska

Alaska Seafood, Alyeska Pipeline, BP, Crowley Maritime, Glacier Oil and Gas Corporation, Hecla Mining, Icicle Seafoods, Specialized Transport and Rigging, USDA Forest Service, US Healthworks, Westward Seafoods Inc.

OUR STUDENTS IN THE WORKFORCE

Our students are trained in industrial hygiene, occupational medicine, occupational health nursing, construction safety management, and occupational health at the human-animal interface.

After Graduation

Our trainees are employed by:

Boeing, Google, Veritox, Inc., Shell Oil, Intel, Microsoft, Port of Seattle, United States Army, United States Navy, United States Coast Guard, Seattle Children's Research Institute, Gradient Corporation, Washington State Labor and Industries, Fred Hutchinson Cancer Research Center, Chevron Environmental Management Company, United States Department of Agriculture, United States Food and Drug Administration, Sound Transit, King County Metro, City of San Francisco, California EPA

Boeing - from Intern to Full Time

Darrick Dickerson, MS Industrial Hygiene 2016



"During my internship I gained extensive hands-on experience with industrial hygiene equipment. I developed my skills in assessing potential health hazards, addressing them, and communicating risks. I love the work I do now as a full time employee, I feel great knowing my work benefits the lives and wellbeing of everyone at Boeing!"

Exposure Monitoring at ExxonMobil

Emily Zamzow, Second Year MS Student



"Over the summer of 2016, I was employed as the industrial hygiene intern at the ExxonMobil Joliet, Illinois refinery. I assisted in exposure monitoring to ensure worker safety and compliance with all regulatory and ExxonMobil standards, guidelines and best practices. I performed exposure monitoring for a wide range of potential hazards including chemical hazards, noise, lighting, asbestos and respirable dust."



DEPARTMENT OF ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCES
UNIVERSITY of WASHINGTON · SCHOOL OF PUBLIC HEALTH

BE BOUNDLESS / W

Sources

1. Injuries, Illnesses, and Fatalities Databases. Bureau of Labor Statistics. <http://www.bls.gov/iif/data.htm>. Accessed January 15, 2017.
2. J. Paul Leigh, Economic Burden of Occupational Injury and Illness in the United States. *Milbank Quarterly*, Vol. 89, Issue 4, p.728 (Dec. 2011).
3. OSHA's Office of Regulatory Analysis. <http://asse.org/bosc-article-6/>. Accessed January 16, 2017.
4. Chief Financial Officer Survey. Liberty Mutual Insurance Company, (2005).