

Our goal is prevention

We start with the basics—clean air, clean water, safe food, and safe workplaces. We approach these with advanced techniques to determine how environmental and occupational factors affect human health. We work with the public to solve environmental and occupational problems. At the same time, we promote excellence in education and research.



Environmental and Occupational Health Sciences at the University of Washington

The Department of Environmental and Occupational Health Sciences is part of the School of Public Health. The department offers undergraduate and graduate degrees, and continuing education.

Graduates find careers with local, state, and federal agencies; universities; consulting firms; and private industry. They take with them a common goal of protecting human health.



Learn more

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The “Soulcatcher” is a Northwest Coast Indian symbol of physical and mental well-being. (Artist: Marvin Oliver)

The University of Washington provides equal opportunity in education without regard to race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam era veteran in accordance with University of Washington policy and applicable federal and state statutes and regulations.

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UNIVERSITY OF WASHINGTON

DEPARTMENT OF ENVIRONMENTAL
AND OCCUPATIONAL HEALTH SCIENCES



Our department is about...



education

We offer graduate and undergraduate degrees in environmental health, exposure sciences, occupational and environmental medicine, environmental and occupational health, and toxicology. We also offer continuing education to environmental and occupational health professionals.

occupational health and safety

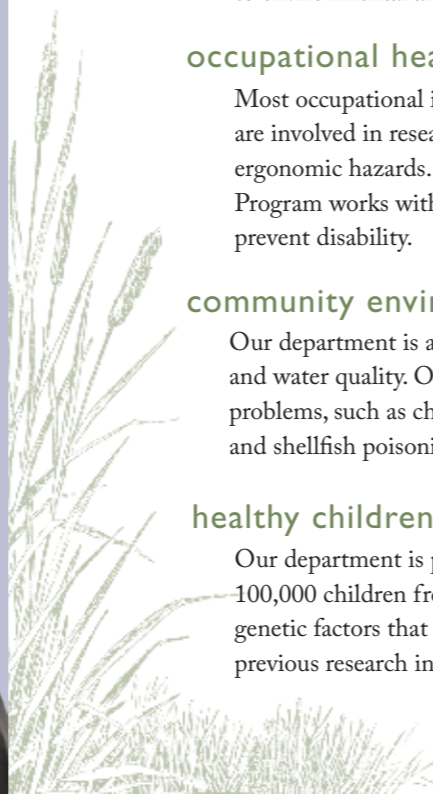
Most occupational illnesses and injuries are preventable. Our investigators are involved in research and worker education about silica dust, noise, and ergonomic hazards. Our Occupational Epidemiology and Health Outcomes Program works with physicians, employers, and workers to predict and prevent disability.

community environmental health

Our department is at the forefront in studying health effects of air pollution and water quality. Our scientists work with communities to solve real-world problems, such as childhood asthma, microbes or lead in drinking water, and shellfish poisoning among native populations.

healthy children

Our department is part of the National Children's Study, which will track 100,000 children from womb to adulthood, focusing on environmental and genetic factors that influence health. This \$40 million grant builds on our previous research in children's environmental health.



Environmental and Occupational Health— the study of human health in the environment

Environmental and occupational health researchers study how environmental factors can harm human health and how to identify, prevent, and control these effects. The field concerns itself with:

- maintaining a safe supply of food and drinking water
- discovering the mechanisms of environmentally related diseases
- treating and disposing of solid and toxic wastes
- reducing air, water, food, and noise pollution
- controlling workplace hazards



genetics and human health

Why does one worker get sick from workplace chemicals while the next worker doesn't? The difference could be in their genes. "Ecogenetics" is our name for this interaction between genetic variations and environmental chemicals. We also research the ethical, legal, and social implications of genetic information.

service to Washington workplaces

Our Environmental Health Laboratory, Field Research and Consultation Group, and Occupational and Environmental Medicine Clinic bring University experts to real problems facing Washington workplaces. Our chemists, industrial hygienists, and occupational medicine physicians provide analytical and consultation services to private and public sector employers, and to injured workers.

