The American workplace is going through a period of rapid change, due to both the COVID-19 pandemic, and changes in the economy that affect the way work is done. This course will explore some of the hazards that have become more prominent and inequitable in this changing workplace. These hazards are not ones that industrial hygienists are used to thinking about and they require a different approach than traditional chemical, physical, or biological hazards. This course will provide some strategies and tools for industrial hygienists looking to improve their ability to recognize and control these important workplace hazards that can have such a significant impact on worker health.

During this course, subject matter experts will discuss:

- Ways in which the changing workplace has created new hazards or exacerbated existing ones
- Occupational health and safety inequities that have become more pronounced, particularly as a result of the pandemic
- Tools and techniques for recognizing the effects of psychosocial hazards on workers
- Strategies industrial hygienists can use to control emerging hazards of the changing workplace

REGISTRATION & COURSE LOGISTICS

**October 20, 2021, 8:30am-3:00pm**  
Virtual classroom format using zoom technology  
6 contact hours/0.6 CEUs

Registration is open for this course and the NOHC General Conference Sessions at [pnsaiha.org](http://pnsaiha.org)

Registration: $125 - PNS-AIHA Members, $175 - Non-members

Please see the conference website for student pricing and membership options.

For more information about registration, contact PNS-AIHA at (206) 525-9908 or administrator@pnsaiha.org

INFORMATION

Northwest Center for Occupational Health and Safety Continuing Education Programs

Phone: 206-685-3089  
E-mail: ce@uw.edu  
Website: osha.washington.edu
Industrial Hygiene in the Changing Workplace

Professional Development Course Agenda - October 20, 2021

8:30-8:40am  Welcome and Introduction – Marissa Baker, PhD, Course Director, Assistant Professor, UW DEOHS

8:40-8:45am  Peter A. Breysse Memorial Lecture Introduction – Martin Cohen, ScD, CIH, CSP, Teaching Professor, Director, Field Research and Consultation Group, Assistant Chair for Stakeholder Engagement, UW DEOHS

8:45-9:30am  Peter A. Breysse Memorial Lecture: The Future of Occupational Health and Safety, Construction Safety, Health Inequities and other Musings From 30 Years of Service – Walter Jones, MSc, CIH, Director, Occupational Safety and Health, Laborers' Health & Safety Fund of North America (LHSFNA)

9:30-10:15am  Issues Faced by Immigrant Workers – Alejandra Domenzain, MA, Coordinator of Public Programs, Labor and Occupational Health Program, University of California Berkeley

10:15-10:30am  Break

10:30-11:00am  Changes in How the Occupational and Environmental Health and Safety (OEHS) Professional Views Infectious Disease Transmission in the Workplace – Lawrence Sloan, MBA, CAE - CEO, American Industrial Hygiene Association (AIHA)

11:00-11:30am  Recognizing Effects of Psychosocial Stressors – Leslie Hammer, PhD, Professor, Oregon Institute of Occupational Health Sciences, Co-Director, Oregon Healthy Workforce Center, Oregon Health & Science University

11:30-12:00pm  NIOSH Tool for Recognizing and Managing Psychosocial Factors Affecting Worker Health – Gwenith Fisher, PhD, Associate Professor, Director, Occupational Health Psychology Concentration, Colorado State University

12:00-12:30pm  Lunch Break

12:30-1:00pm  Worker Centers: Growing the Labor Movement with Health and Safety – Celeste Monforton, Dr.PH, MPH, Public Health Lecturer, Texas State University

1:00-1:30pm  Advocating for Decent Work – Preethi Lakshmi Rao Pratap, PhD, MSc, Research Assistant Professor and Continuing Education Director, University of Illinois Chicago, Great Lakes Center for Occupational Health and Safety

1:30-1:45pm  Break

1:45-2:15pm  Work From Home: Common Pitfalls and Solutions – Kermit Davis, PhD, Professor and Division Director University of Cincinnati College of Medicine, Dept of Environmental and Public Health Sciences and Susan Kotowski, PhD, CPE, Associate Professor, University of Cincinnati, College of Allied Health Sciences, Department of Rehabilitation, Exercise, and Nutrition Sciences

2:15-2:45pm  Using Big Data and Machine Learning to Address Emerging Workplace Health and Safety Hazards – Mwangi Ndonga, CIH, CSP, CHMM, Senior Health and Safety Hygienist, Ball Corporation

2:45-3:00pm  Course Wrap-Up
The Future of Occupational Health and Safety, Construction Safety, Health Inequities and other Musings From 30 Years of Service

Walter Jones, MSc, CIH, Director of Occupational Safety and Health, Laborers’ Health and Safety Fund of North America

Walter A. Jones is the Director of Occupational Safety and Health for the Laborers Health & Safety Fund of North America, and is a Certified Industrial Hygienist with 25 years of experience in worker safety and health, and 18 of those years focused in construction. In addition to his primary role of working to help prevent injuries and illnesses among members and signatory contractors of the Laborers International Union of North America (LIUNA), Mr. Jones also serves as the Chair of the Safety and Health Committee for North America’s Building Trades Unions.

Working in Washington, DC, he leads the Building Trades legislative and regulatory efforts to provide greater OSHA and EPA protection to workers across the U.S. His areas of expertise include highway work zone safety, planning and designing for safe construction work, and reducing silica and noise exposures in construction.

About the Breysse Memorial Lectureship: The Peter A. Breysse Memorial Lectureship was established by the Breysse family and friends in honor of Peter Breysse, associate professor emeritus in the Department of Environmental and Occupational Health Sciences, to recognize his dedication to worker and public health.

Featured Speakers

Marissa Baker, PhD
Assistant Professor, Department of Environmental & Occupational Health Sciences (DEOHS), University of Washington

Alejandra Domenzain, MA
Coordinator of Public Programs, Labor and Occupational Health Program, UC Berkeley

Susan Kotowski, PhD, CPE
Associate Professor, University of Cincinnati, College of Allied Health Sciences, Department of Rehabilitation, Exercise, and Nutrition Sciences

Preethi Lakshmi Rao Pratap, PhD, MSc
Research Assistant Professor and Continuing Education Director, University of Illinois Chicago, Great Lakes Center for Occupational Health and Safety

Martin Cohen, ScD, CIH, CSP
Teaching Professor and Assistant Chair, Department of Environmental & Occupational Health Sciences (DEOHS), University of Washington

Gwenith Fisher, PhD
Associate Professor, Director, Occupational Health Psychology Concentration, Colorado State University

Celest Monforton, DrPH
Public Health Lecturer, Texas State University

Lawrence Sloan, MBA, CAE
CEO, American Industrial Hygiene Association (AIHA)

Kermit G. Davis, PhD
Professor, Graduate Program Director and Division Director, University of Cincinnati College of Medicine, Dept of Environmental and Public Health Sciences

Leslie Hammer, PhD
Professor, Oregon Institute of Occupational Health Sciences, Co-Director, Oregon Healthy Workforce Center, Oregon Health & Science University

Mwangi Ndonga, CIH, CSP, CHMM
Senior Health and Safety Hygienist, Ball Corporation

Martin Cohen, ScD, CIH, CSP
Teaching Professor and Assistant Chair, Department of Environmental & Occupational Health Sciences (DEOHS), University of Washington

Gwenith Fisher, PhD
Associate Professor, Director, Occupational Health Psychology Concentration, Colorado State University

Celest Monforton, DrPH
Public Health Lecturer, Texas State University

Lawrence Sloan, MBA, CAE
CEO, American Industrial Hygiene Association (AIHA)