Purpose
To train OSH professionals to recognize, evaluate, and control work-related threats and to identify opportunities to promote well-being and business performance.

Industrial Hygiene (IH) — To anticipate, recognize, evaluate, control and protect workers from hazards at work that may result in injury and illness.

Occupational Medicine (OM) — To diagnose and treating work-related injuries and illnesses and promote the well-being of workers.

Occupational Epidemiology (Occ Epi) — To identify and evaluate work-related exposures that may be linked to risks for injury and illness.

Total Worker Health (TWH) — 1st graduate level program in TWH in the U.S. dedicated to identify, characterize and integrate workers’ well-being and safety, and to develop, implement and evaluate strategies, policies, and programs to improve health.

All graduates are employed and currently serving the needs of communities, industry, government and academia.

Occupational Medicine
- Memorial Hermann, TX
- Phillips 66 refinery, TX
- Centers for Disease Control and Prevention (CDC)

Industrial Hygiene
- Los Alamos National Laboratory, NM
- Sandia National Laboratories, NM
- Shell, TX
- U.S. Navy

Occupational Epidemiology
- Foundation for the Advancement of Military Medicine, TX
- University of Texas Health Science Center at Houston, TX
- U.S. Army Institute of Surgical Research, TX

SWCOEH ERC Minority Alumni Success Stories

W. Harrison—African American, started her journey at Tulane University in New Orleans, enrolled in the SWCOEH Occupational Epidemiology program and currently works for the Defense Health Agency at Fort Sam Houston.

A. Rodriguez—Latina, raised in an agricultural migrant family from South Texas, joined the Occupational Epidemiology program and is now a post-doctoral researcher research focusing on occupational health and safety among agricultural workers.

L. Cienega—Hispanic, faced a challenging background from Rio Grande Valley, successfully graduated from the Industrial Hygiene program and currently works at Los Alamos National Laboratory in New Mexico.
Pilot Projects Research Training Program

Promotes regional inter-institutional ties by fostering short-term research projects initiated by investigators and research trainees in Arkansas, Louisiana, New Mexico, Oklahoma and Texas.

National Occupational Research Agenda (NORA) sectors: Services; Oil and gas extraction; Public Safety; Agriculture, Forestry & Fishing; and, Construction; and cross-sectors: respiratory health, cancer, cardiovascular diseases, injuries and musculoskeletal health. Also, novel issues such as nanotechnology or application of innovative technology (‘prevention through design’).

Funded Research Projects

University of Texas Health School of Public Health— The Hurricane Harvey Outreach Protection Plan Worker and Resident Survey.

Oklahoma State University—Mitigating infection risks to airborne SARS-CoV-2 laden aerosols in the patient rooms via in-table air sanitors and smart ventilation control.

New Mexico Institute of Mining & Technology—Respirable silica dust characteristics and sources in the mining industry.

Louisiana State University—Avoiding Sonographer Injury—Randomized Controlled Trial of Standard and Specialized Prenatal Sonography with Restricted compared to Usual Daily Exposure to Obese Gravidas.

Tulane University—Physiological and psychological impacts of fabric face masks in the occupational environment: an assessment of real and perceived heat stress, cardiovascular load, and work rate.

COVID-19 Outreach

Since MARCH 2020, faculty, staff and students provide COVID-19 outreach and training to a professionals and organizations across PHR6 and the U.S, on keeping workers and customers safe, returning to work, use of personal protective equipment (PPE), and provided consultations. Visit www.SWCOEH.org and navigate to the COVID-19 Resources link.

Contact Hours

24,115 Professionals Trained

7,224 In-person & e-trainings Attendees from all states

CE inquires: SWCOEH.CE@uth.tmc.edu | 713-500-9447