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JULY 27, 2022

UIC ILLINOIS CHICAGO

School of Public Health

Illinois ERC/GLC OHS - https://glcohs.uic.edu/



Mission: Every person has the right to healthy work – a job that pays a living wage, a workplace that is safe, a work environment where everyone is treated with respect, and qualified occupational and environmental health professionals who advocate for their health.









Students - 2021-2022

Industrial Hygiene – 6 MPH, 3 MS, 2 PhD

Occ Safety –7 MPH, 2 MD, 2 PhD

Occ Medicine – 6 MPH

Occ Enviro Epi – 8 PhD

Ag Safety – 7 MS, 1 PhD



Interdisciplinary Activities



Travel to Conferences

Attend conferences with your fellow trainees using your travel award



Networking

Participate in professional organizations that will help you land a job after graduate school



Interdisciplinary Field Trips

Connect what is being taught in the classroom to real world facilities and processes



Personnel Changes

Occupational Medicine Residency: Dan Bakston → Kim Hargis

Industrial Hygiene: Lorraine Conroy → Margaret Sietsema

Occupational Safety: Lorraine Conroy → Tessa Bonney

Occ and Enviro Epidemiology: Leslie Staynor → Mary Turyk

Agricultural Safety and Health: Bob Aherin → **Josie Rudolphi**

CE: Marilyn Bingham → Anahi Gaytan

PPRT: Lorraine Conroy and Sal Cali → Susan Buchanan and ERC

coordinator

ERC Coordinator: Caitlin Donato → TBN



Agricultural Safety and Health CE and Outreach

18 training sessions – 874 attendees

- Grain Handling and Storage
- Grain Bin Entry
- Machine Hazards and Guarding
- Ag Confined Spaces
- Winter Hazards
- Near Miss Training

On follow-up survey

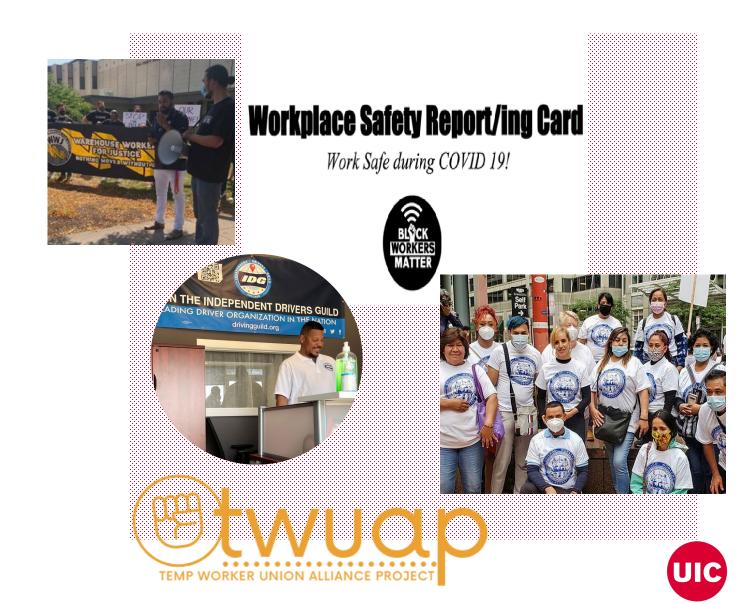
- 83% indicated they have implemented at least one new safety practice at their facilities
- 42% replaced or reported equipment for safety reasons (missing machine guards, frayed cords/ropes, inadequate rope, broken anchors/ladders/stairs, etc.)





COVID-19 Outreach – see presentation July 27!

- Workers' rights advocacy groups
- Community-based organizations
- Labor unions
- Workers centers
- Employers
- Workforce development programs



Artificial Intelligence/Machine Learning

Building an Al lab:

- For CE courses practicing IH/Safety professionals
- For ERC student curriculum

Taught by Houshang Darabi, co-director of ERC Occ Safety program

First CE pilot class – September 2022

First UIC student class – Spring 2022

UIC Artificial Intelligence in Occupational Safety and Health Applications (AIOSHA) lab

- hardware component set of sensors and their necessary hardware to collect OSH data from real world applications and report them to AI computer programs
- software component used to design and implement AI computer programs





