



UCDAVIS

**Western Center
for Agricultural Health
and Safety**

Fall Symposium

October 25, 2018

International Center, UC Davis

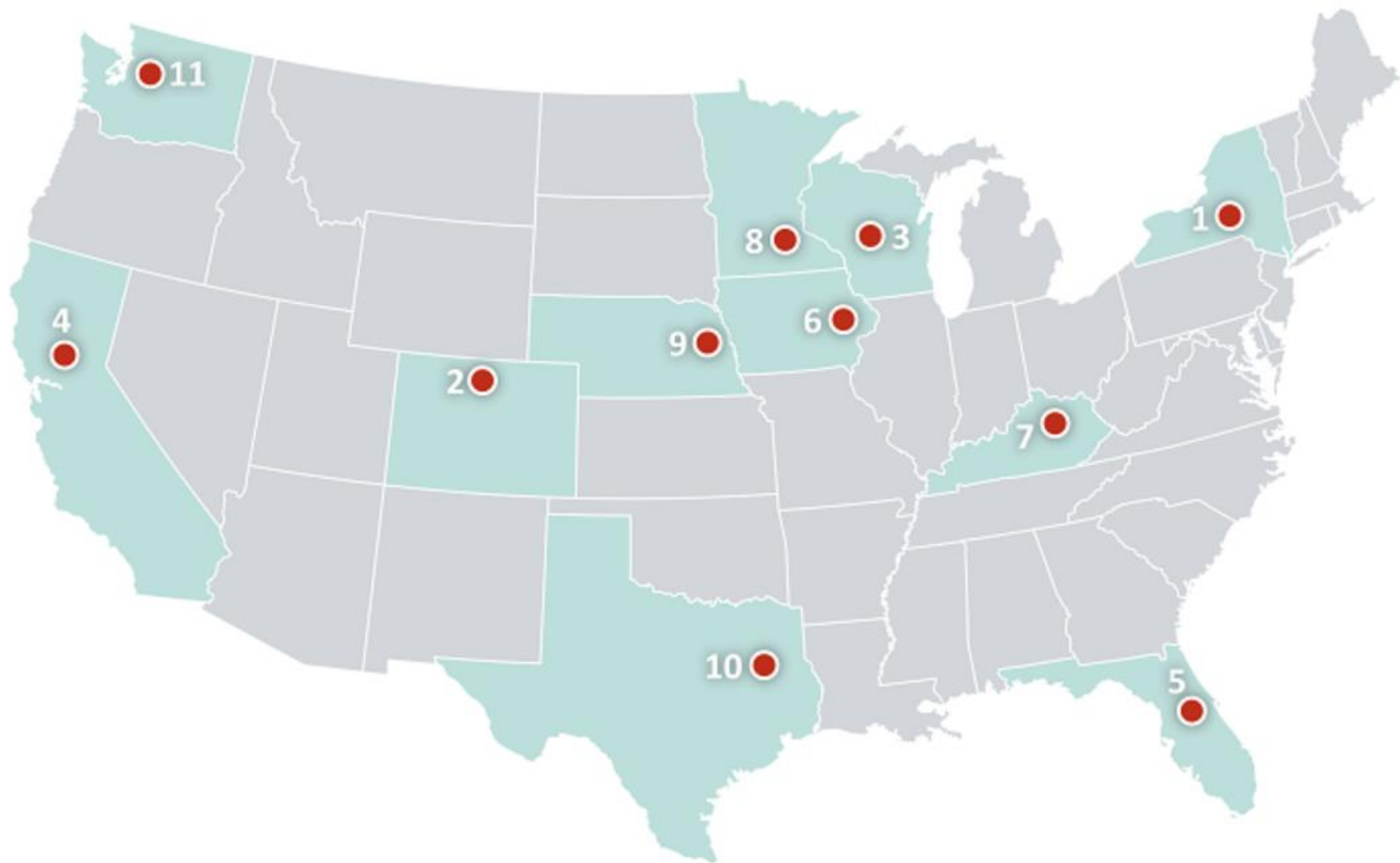


Welcome!

WCAHS overview

Plan for the day

NIOSH Centers for Agricultural Safety and Health





WCAHS Mission

*The mission of the
Western Center for Agricultural
Health and Safety is to:*

***improve the health and safety of
farmers, farmworkers, and their
families in Western agriculture.***



Research Program

We conduct research on causes and prevention of agriculture-related illness and injuries:

- **Major research projects (5 years)**
- **Small research grants (1 year)**



Core Research Projects

PI	Project	Department	College/ School
Kent Pinkerton & Keith Bein	Differential characterization of air pollutant emissions and associated toxicity from common agricultural practices in the San Joaquin Valley	Pediatrics	SOM, SVM
Christopher Simmons	Reducing toxin exposure for workers in western agriculture: Development of sustainable alternatives to soil fumigation	Food Science and Technology	CAES
Fadi Fathallah	Ergonomic & biomechanical evaluation of mechanical & robotic strawberry harvest-aids	Biological and Agricultural Engineering	COE, CAES



Core Research Projects (cont.)

PI	Project	Department	College/ School
Marc Schenker	Heat illness prevention in farmworkers: Translation of economic, socio-cultural, and physiological factors into effective interventions	Public Health Sciences	SOM
Rob Atwill	Reducing occupational exposure to zoonotic pathogens in California dairy workers	Population Health and Reproduction	SVM



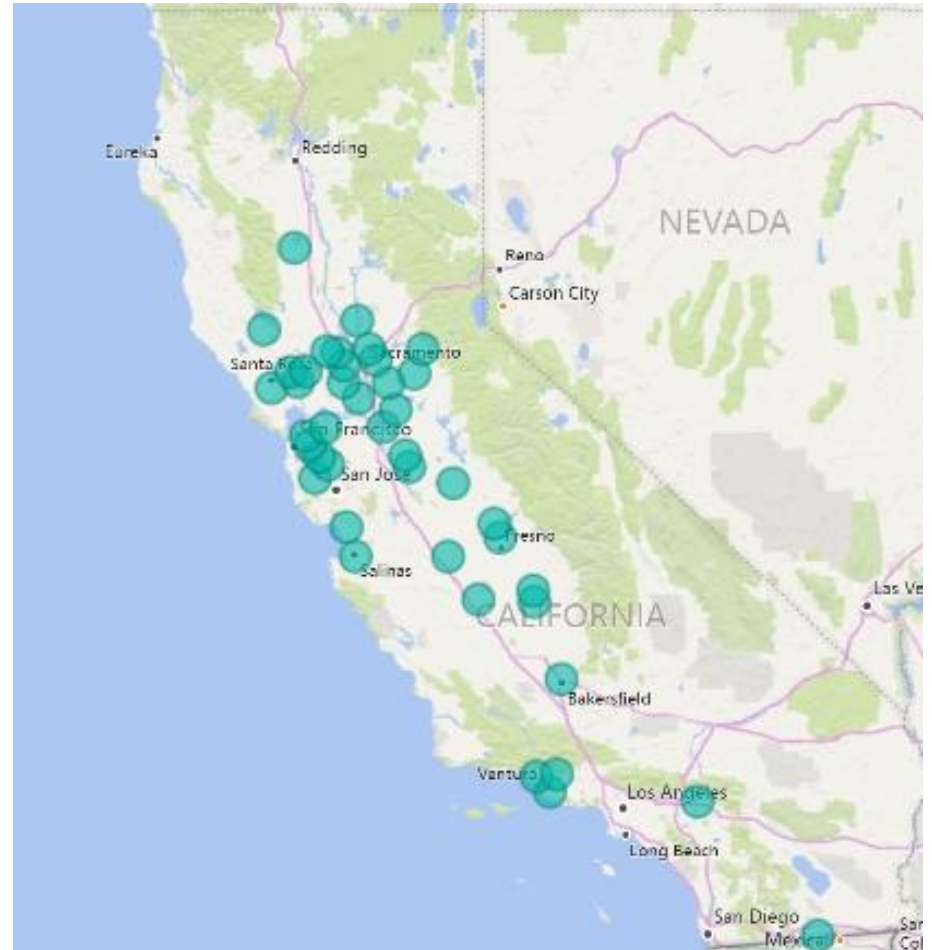
Small Grant Program

- Program seeks to engage investigators new to the Center and/or ag health and safety
- Annual request for proposals in Spring/Summer
- Funding October-September
- Awards range from \$10,000 - \$30,000



Outreach Program

- Travel throughout CA to deliver trainings to growers, supervisors, and farmworkers
 - Heat illness prevention
 - Pesticide safety
 - Identifying hazards
 - Workers' rights
 - Sexual harassment prevention





Outreach Program

- Provide health and safety information at health fairs and community events across the state
- Assist study investigators in translating results for stakeholders
- NEW: Outreach and Education Funding



Opportunities

- Quarterly GSR funding for UC Davis graduate students
- Small Grant Program
- Outreach and Education Funding
- Emerging Issues Program



WCAHS Fall Symposium Agenda

10.25.2018
International Center
UC Davis



Plan for the day

- **Morning**

- Research presentations by WCAHS investigators and graduate students funded by the Center
- Panel discussion: sexual harassment in agriculture
- Poster display during break

- **Afternoon**

- Research roundtables
- Panel discussion: safety perspectives from the farm



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