

# OCCUPATIONAL & ENVIRONMENTAL RISK AMONG U.S. AGRICULTURAL WORKERS

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Nicolas A. Smith, PhD

California Labor Lab Pilot Research Projects  
May 28, 2025 | 10 - 11 AM HST | 12 - 1 PM PT

Register: [calaborlab.ucsf.edu/webinars](https://calaborlab.ucsf.edu/webinars)

## About the Webinar:

This webinar will explore two unique research topics.

### ***Tracking Antimicrobial Resistance on Farms: Surveillance, Partnerships, and Protecting Worker Health***

This presentation will explore antimicrobial resistance (AMR) risks in dairy farming environments, highlighting findings from an environmental surveillance study in California and a partnership-based research effort in Maryland. It will examine challenges to community engagement in occupational health research within the agricultural industry and discuss strategies for strengthening collaborations that protect farmworker health.

### ***A Community-Based Participatory Approach to Examine Risk and Protective Factors for Farmworkers' Health & Well-Being***

This presentation shares findings from an ongoing 5-year community-based research project in Oregon that examines workplace risk and protective factors for Latino/Hispanic farmworkers, with a focus on the impact of new farmworker overtime legislation. Attendees will learn about the study's methodological approach, key qualitative and quantitative findings, and the importance of addressing economic stressors and leveraging protective factors to support farmworker wellbeing.

## Speaker Biographies:

Heather Amato, PhD, MPH is an environmental epidemiologist and Assistant Professor at the University of Maryland, focusing on antimicrobial resistance and environmental pathogen surveillance.

Nicholas A. Smith, PhD, is a Research Assistant Professor at the University of Texas at Arlington, where he studies the experiences of at-risk workers using a systems and community-engaged approach to improve workplace health and wellbeing.

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