



April 2025: Welcome to the Ag Health Academy and Roadway Hazards

When: Wed. April 16, 12:00 - 1:30 pm Central Time

Where: Zoom Meeting ID: 919 7485 9129, Passcode: Core2025

<https://uiowa.zoom.us/j/91974859129?pwd=oSNdNhrcSi4JRvAbQru37spMCMaX8K.1>

Objective:

This month, we will provide updates on risk factors associated with roadway hazards where agricultural vehicles and community vehicles share the road.

At the end of this session, attendees will be able to:

- Identify risk factors associated with rural roadway crashes with farm vehicles/implements
- Be able to explain seasonal risks associated with roadway crashes when talking with those who travel through farming communities
- Understand community campaign efforts that are currently underway to raise awareness
- Understand what unique challenges rural roadways pose to automated driving systems and how these efforts can improve national driving safety
- Identify resources to learn more about roadway crashes with farm vehicles

Speakers and Agenda:

Speaker	Topic	Contact Info
Renée Anthony, University of Iowa, Director of Great Plains Center for Agricultural Health	Welcome to our first Ag Health Academy Meeting (5 min)	renee-anthony@uiowa.edu
Jonathan Davis, Dept. Occupational and Environmental Health, Epidemiologist for GPCAH Planning Core	Update on Motor Vehicle/ Transportation injuries for Farm workers from Trauma Registry data (10 min)	jonathan-a-davis@uiowa.edu
Cara Hamann, University of Iowa, Injury Prevention Research Center	Community Intervention Project (20 min)	cara-hamann@uiowa.edu
Omar Ahmad, Deputy Director of Driving Safety Research Institute	Automated Driving Systems for Rural America Project (20 min)	Omar-ahmad@uiowa.edu

Discussion Questions:

The presentations, above, will be followed by open discussion. Consider the following to prepare for the discussion:

- If you live in a rural community, how have you had discussions with friends and family about driving safety around farm vehicles?
- Where is a common place to go to find resources about driving safety? Who needs the information you learned today?
- Do you talk to your patients/clients/employees about roadway safety?

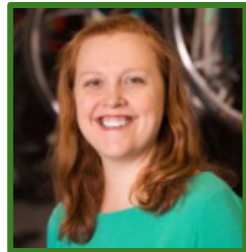
Speaker Bios:



Renée Anthony holds degrees in environmental engineering and is professionally certified in industrial hygiene and in safety. After working for nearly 10 years in industry as a health and safety specialist, she returned to academia and is a Professor in the Department of Occupational and Environmental Health at the University of Iowa. Her research includes investigation of workplace exposures and their control, including noise, aerosols, and manure gases. She has directed the Great Plains Center for Agricultural Health since 2015.



Jonathan Davis is an Assistant Professor at the University of Iowa's Department of Occupational and Environmental Health. His research involves analyzing large data sets, and he will present new trends of motor vehicle injury data from the Iowa Trauma Registry to inform attendees of the magnitude of the roadway hazards on Iowa roads.



Cara Hamann is an Associate Professor in the Department of Epidemiology at the University of Iowa. She contributes to both the Injury Prevention Research Center and the Great Plains Center for Agricultural Health, examining multiple roadway hazards. She will present on her Community Campaign to Reduce Farm-Vehicle Roadway Crashes, incorporating prevention strategies targeting non-farm vehicle drivers who drive in communities with farm vehicles on the road.



Omar Ahmand is the Deputy Director of the Driving safety institute and is the project manager for the *Automated Driving Systems for Rural America* project. He has written software related to autonomous vehicle behavior modeling, modeling vehicle systems/interfaces, and other components of assessing vehicle safety and human performance when driving.