



# Quantitative Microbial Risk Assessment Interdisciplinary Vehicle (QMRA IV)

**July 5 – August 5, 2022** Virtual Asynchronous and Synchronous Course  
**August 8 – 12, 2022** Michigan State University, East Lansing, MI

## About the Program

The Quantitative Microbial Risk Assessment Interdisciplinary Vehicle (QMRA IV) is an interdisciplinary program for the training and mentoring in microbial health risk analysis. Participants will gain hands-on experience with real-world case studies to develop microbial risk analysis for assuring safety and health goals.



HAZARD IDENTIFICATION



DOSE RESPONSE



EXPOSURE ASSESSMENT



RISK CHARACTERIZATION



RISK MANAGEMENT

## What we offer:

- Interaction with top scientists in public health, environmental engineering, microbiology, epidemiology, communications, public policy and QMRA
- Training and mentoring in team science, QMRA, risk communication and risk management
- Hybrid training and mentoring through an online course, an in-person workshop, and postworkshop mentoring activities

## Online Asynchronous Course

**July 1-August 5, 2022**

- QMRA Core Competencies
- Emerging topics and applications
- And more...

**MSU**

**August 8-12, 2022**

- Interdisciplinary team science
- Hands-on institute research projects...

## Online Synchronous Weekly Meeting

**July 5-August 5, 2022**

- How to be mentored
- How to conduct interdisciplinary team science
- Project background and kickoff
- Critical skills bootcamp

## Mentoring (2022-2023)

- Training in mentoring
- Mentoring during the workshop
- Postworkshop mentoring



**Application period: January 17-April 1, 2022 at: <https://events.anr.msu.edu/QMRAIV2022/>**

**Program Contacts: Dr. Jade Mitchell and Dr. Mark Weir at [QMRAIV@msu.edu](mailto:QMRAIV@msu.edu)**

- Registration fee for QMRA IV 2022 is \$225.
- Single occupancy rooms will be provided for lodging.
  - Three group dinner and meals will be provided
- Participants are expected to cover the travel cost, other meals and incidentals.
- A limited number of travel awards including the waiver of registration fees will be provided based on financial need.
  - Notice of acceptance will be sent by April 18, 2022.

## Who can apply

Advanced graduates, post-doctoral fellows, and early career professionals and others who are interested in QMRA are encouraged to apply.



MICHIGAN STATE UNIVERSITY



THE OHIO STATE UNIVERSITY

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