



Quantitative Microbial Risk Assessment Interdisciplinary Vehicle (QMRA IV)



Online Asynchronous and Synchronous Courses: *June 1-July 30, 2023*
In-person Workshop @ Michigan State University: *July 30- August 4, 2023*

About the Program

The Quantitative Microbial Risk Assessment Interdisciplinary Vehicle (QMRA IV) is an interdisciplinary program for training and mentoring in microbial risk analysis. Participants will gain hands-on experience with real-world case studies to develop microbial risk analyses to achieve 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 post-workshop mentoring activities

Online Asynchronous Course June 1-July 30, 2023

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

In-Person Workshop, MSU July 30-August 4, 2023

- Interdisciplinary team science
- Hands-on institute research projects



Online Synchronous Weekly Meetings June 19-July 30, 2023

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

Mentoring

Fall 2023-Spring 2024

- Ongoing mentoring
- Continued meetings to work on research projects post-workshop

Application period: January 18-March 31, 2023 at: <https://events.anr.msu.edu/QMRAIV2023/>
Program Contacts: Dr. Jade Mitchell and Dr. Mark Weir at QMRAIV@msu.edu

- ❑ Application requirements include: CV or resume, brief statement of interest (250 words), letter of recommendation, statement of financial need (if applicable)
- ❑ Registration fee for QMRA IV 2023 is \$225.
- ❑ Single occupancy rooms will be provided for lodging.
- ❑ Two group meals will be provided for the opening and closing receptions- participants are expected to cover travels costs, 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 in April.

Who should apply:

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



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