



## **2022-23 MnDRIVE Global Food Ventures (GFV) Graduate Student Development Award**

The MnDRIVE Global Food Ventures (GFV) program requests applications for the graduate student professional development awards. Through experiential cohort learning, this initiative seeks to promote a broader and deeper understanding of the interconnected food systems and to develop leadership and collaboration skills. Awardees must participate in specific experiential learning activities to broaden the understanding of their role as leaders in food supply chains, agribusinesses, and food policies.

### **Program Award**

- \$13,000 to support graduate education during academic year and/or summer (to be determined by student's advisor and meant to contribute towards assistantship, stipend and / or tuition costs);
- Funding for required cohort learning activities;
- \$1,000 professional development funds for elective opportunities as identified by the student and approved by MnDRIVE GFV staff (kemen016@umn.edu) and student's advisor.

Awards will be disbursed on August 31, 2022 and available for one (1) year (August 31, 2022 to August 30, 2023). Award is not renewable nor can it be deferred. Both the required learning opportunities and elective professional development activities must be completed in the program year (August 31, 2022 to August 30, 2023).

### **Eligibility and Criteria for Selection**

Applicants must meet the following criteria to be eligible for the MnDRIVE GFV award.

- Enrolled in a PhD, MS, or MPH program.
- Student in the College of Food, Agricultural and Natural Resource Sciences (CFANS), the School of Public Health (SPH), **or** the College of Veterinary Medicine (CVM).
- Professional student in CFANS, SPH, or CVM with a research effort that aligns with the MnDRIVE initiative.
- Must be enrolled in tuition-bearing credit (full-time or part-time) for the academic year, both fall and spring semesters.
  - Students who will be registered in fall 2022 and spring 2023 in **GRAD 999 are not eligible to apply.**
- Must be able to complete the required cohort learning activities outlined in the "Enhanced Learning Opportunities for MnDRIVE Awardees" (refer to page 3. Exceptions for extenuating circumstances will be considered.

Selection is based on academic record, research productivity, and career alignment with the goals of this initiative. The student's research should seek to bolster food production, policy, and food system solutions. Students conducting basic, applied, or translational research related to food are invited to apply. Examples include but are not limited to:

- **Enhance food production**, including identification and detection of emerging plant and animal diseases and evolving conditions that threaten the food supply system and public health.
- **Promote nutritional efforts** to improve access to quality food.
- **Seek interventions that limit microbial growth**, contaminants or other impurities in food, prevent contamination of food, reduce spoilage, and enhance detection of contamination or degradation of food.
- **Prioritize supply chains efficiencies and capacity**, such as technology and policies to optimize food supply chains for sustainability, safety and resiliency, and respond to new regulations.
- **Address economic factors impacting food production systems**, access to nutritious food, and limit production losses and consumer food waste.
- **Optimize positive determinants of livestock health and welfare** to not only ensure humane treatment but also to enhance productivity and reduce public health risks.
- **Reduce impacts of food production on natural resources**, including water and soil quality, and enhancement of ecological systems including beneficial plants, insects, and wildfire.
- **Support worker and producer health and safety**, including intervention efforts to reduce farm and food processing related injuries and illnesses.

## Application Checklist

Please complete the attached application form and submit electronically via Google Forms by **5:00 pm on February 23, 2022**. Submit your complete application in a single PDF file to the application submission form:

<https://forms.gle/11uTAKTS3sfiJU2a8>.

The application must include all components:

- Application cover page, applicant and academic information.
- Personal statement, describing how this award will advance your career aspirations (1 page maximum).
- Research statement, describing your research and its relevance to this MnDRIVE program (1 page maximum).
- Curriculum vitae, including previous education, honors/awards, research experience, publications, patents, and conference abstract titles (2 page maximum).
- Recommendation letter from the major advisor supporting your participation in this program and your rationale for participating.
- Unofficial copy of current UMN transcript.

## Questions or Contacts

Please address your questions to your respective graduate program:

- CFANS: Dr. Greg Cuomo ([cfansgradcc@umn.edu](mailto:cfansgradcc@umn.edu))
- SPH: Dr. Jeff Bender ([bende002@umn.edu](mailto:bende002@umn.edu))
- CVM: Lorena Kemen ([cvmmsphd@umn.edu](mailto:cvmmsphd@umn.edu))





## Enhanced Learning Opportunities for MnDRIVE Awardees

### Purpose

The GFV Professional Development Award seeks to support and broaden the training in leadership, collaboration, and networking of graduate students conducting research in the areas of food systems, safety, and security. Graduates with a broader understanding of food production, processing, protection, and policies will be better able to apply their disciplinary expertise to advance Minnesota's food economies and improve the lives of Minnesotans.

We have identified several opportunities that MnDRIVE GFV Awardees are required to participate in and several options for suggested professional development opportunities. Payment for required learning activities will be coordinated by GFV staff. Payments for professional development elective opportunities are also coordinated by GFV staff.

### Required participation (requirements may change based on availability)

- [World Food Prize / Borlaug Dialog conference](#) Fall 2022 in Des Moines, IA. Registration, travel, and lodging accommodations will be arranged by the GFV staff (kemen016@umn.edu). *Format of conference determined by organizers; event held virtually in 2020 and 2021.*
- **Integrative Leadership Workshop hosted by the [UMN Center for Integrative Leadership](#)**  
Students must participate in the Spring 2023 workshop as a cohort. This session will be split into two with a total time commitment of approximately four hours. More information will be distributed closer to the workshop.

**Workshop Part #1** Integrative Leadership Foundations: Leading across sectors and professions for collective impact (90 minutes)

**Workshop Part #2:** Policies and practices for engaging with diverse stakeholders (90 - 120 minutes)

- [Summer Public Health Institute Courses](#) (choose 1 credit; will be registered as continuing education credit)  
*Note: course expected to be completed **summer 2023**. If a student is entering the final year of their program or presents other scheduling conflicts, please work with MnDRIVE GFV staff to complete the summer requirement in 2022. The catalog for 2023 courses will be available January 2023, but examples include:*

#### Food-based

PubH 7200-103 Class #85819 Epidemiology of Foodborne Pathogens (1 cr)

PubH 7200-109 Class #85825 Food Safety Systems: The Role of Food and Environmental Sampling (1 cr)

PubH 7235-101 Class #85735 Surveillance of Zoonotic Pathogens in Animals (1 cr)

#### Other

PubH 6060-101 Class #85803 Motivational Interviewing: Strategies to Effect Behavioral Change (1 cr)

PubH 7200-101 Class #85817 The Role of Schools in Promoting Child Health (1 cr)

PubH 7264-101 Class #87822 Data Visualization in R (1 cr)

### Suggested Professional Development Elective Opportunities (\$1,000 professional development fund award)

- Attend a professional development conference related to your field
- Summer Public Health Institute course (additional courses)
- [Graduate School Calendar of Professional Development Events and Workshops](#)
- [Trainings & Workshops by Institute on the Environment](#)
- Other opportunities as identified by the student that are aligned with the GFV's purpose as approved by the respective graduate program director (in advance of event registration)