

Opportunity Title: USDA-ARS Midwest Climate Hub - Midwest Climate-Smart Agriculture Fellowship

Opportunity Reference Code: USDA-ARS-MW-2023-0114

Organization U.S. Department of Agriculture (USDA)

Reference Code USDA-ARS-MW-2023-0114

How to Apply **Connect with ORISE...on the GO!** Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

A complete application consists of:

- An application
- Transcript(s) – For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Click [here](#) for detailed information about acceptable transcripts.
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional recommendations

All documents must be in English or include an official English translation.

Application Deadline 6/28/2024 3:00:00 PM Eastern Time Zone

Description ***Applications may be reviewed on a rolling-basis.**

ARS Office/Lab and Location: A research opportunity is currently available with the U.S. Department of Agriculture (USDA), Agricultural Research Service (ARS), within the Midwest Climate Hub at the National Laboratory for the Agriculture and the Environment located in Ames, Iowa.

The Agricultural Research Service (ARS) is the U.S. Department of Agriculture's chief scientific in-house research agency with a mission to find solutions to agricultural problems that affect Americans every day from field to table. ARS will deliver cutting-edge, scientific tools and innovative solutions for American farmers, producers, industry, and communities to support the nourishment and well-being of all people; sustain our nation's agroecosystems and natural resources; and ensure the economic competitiveness and excellence of our agriculture. The vision of the agency is to provide global leadership in agricultural discoveries through scientific excellence.

The Midwest Climate Hub is housed in the National Laboratory for the Agriculture and the Environment in Ames, IA. The role of the hub is to help develop and deliver information and practices to help agriculture adapt to a varying and changing climate and to help encourage Climate Smart practices that mitigate GHGs and climate change. The hub works with a wide variety of federal, state and land grant partners to share information about climate and agricultural issues over a wide range of time scales.

Research Project: The candidate will become a part of a rapidly growing climate hub creating and sharing information about climate and Midwestern agriculture. The candidate will learn from collaborating directly with a growing and dynamic hub staff and regional partners and will help research



Opportunity Title: USDA-ARS Midwest Climate Hub - Midwest Climate-Smart

Agriculture Fellowship

Opportunity Reference Code: USDA-ARS-MW-2023-0114

and discover more information about climate change issues impacting management practices across a variety of cropping systems in the Midwest. Project activities will include supporting research on understanding climate change impacts on cropping shifts the Corn Belt area and reviewing/developing crop management changes and recommendations in this region.

Learning Objectives: The candidate will have the opportunity to learn more about Midwest agricultural systems and management options, data analysis, review research and create publications and outreach materials for a variety of audiences. Information created will be incorporated in hub materials and shared with partners (federal, state, university and others) in the region. The candidate will partner with the USDA Climate Hubs and USDA Long Term Agro-ecological Research network and many other climate service partners in the region to learn and share information for stakeholders.

Mentor(s): The mentor(s) for this opportunity is Dennis Today (dennis.today@usda.gov). If you have questions about the nature of the research project, please contact the mentor(s).

Anticipated Appointment Start Date: May 1, 2023. Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for two years but may be renewed upon recommendation of ARS and is contingent on the availability of funds.

Level of Participation: The appointment is full-time.

Participant Stipend: The participant will receive a monthly stipend commensurate with educational level and experience.

Citizenship Requirements: This opportunity is available to U.S. citizens only.

ORISE Information: This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and ARS. Participants do not become employees of USDA, ARS, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.

Questions: Please visit our [Program Website](#). After reading, if you have additional questions about the application process, please email ORISE.ARS.Midwest@orau.org and include the reference code for this opportunity.

Qualifications The qualified candidate should have received a master's degree in one of the relevant fields or be currently pursuing the degree with completion before January 1, 2024. Degree must have been received within

Opportunity Title: USDA-ARS Midwest Climate Hub - Midwest Climate-Smart
Agriculture Fellowship

Opportunity Reference Code: USDA-ARS-MW-2023-0114

three years of the appointment start date.

Preferred Skills:

- Understanding of Midwestern agriculture
- Understanding of basic atmosphere, crop, soil interactions
- Desire to outreach to public/stakeholders

- Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
 - **Degree:** Master's Degree received within the last 36 months or anticipated to be received by 1/1/2024 12:00:00 AM.
 - **Discipline(s):**
 - **Earth and Geosciences** ([4](#) 👁)
 - **Environmental and Marine Sciences** ([5](#) 👁)
 - **Life Health and Medical Sciences** ([5](#) 👁)
 - **Social and Behavioral Sciences** ([2](#) 👁)