

# KANI Interdisciplinary Summer Camp for Weather Resilience and Engineering Innovation, 2026

KANSAS STATE  
UNIVERSITY



IOWA

The University of Iowa is hosting a **10-day, paid summer camp/mini-internship** focused on advancing undergraduate students' knowledge in **weather prediction, local weather intelligence assessment, and resilience in agricultural communities**. This immersive program, funded by the National Science Foundation (NSF)'s EPSCoR program (Award #2420405.), will provide hands-on training and exposure to cutting-edge technologies to 40 undergraduate students.



## Camp Highlights

Participants will:

- Understand weather resilience in the rural community.
- Explore emerging technologies, including the **Internet of Things (IoT), unmanned aerial vehicles (UAVs), machine learning (ML), artificial intelligence (AI)**, and cloud and high-performance computing applications.
- Engage in interactive **workshops, group projects**, and **professional development** activities.
- Work on a group project culminating in an **end-to-end application** aligned with students' academic and career interests.
- Receive a camp participation certificate.

## How to Apply

Submit the following materials by **February 1, 2026**, at:

<https://dare.org.uiowa.edu/>

- A one-page resume
- An unofficial transcript
- A one-page essay describing how this camp aligns with your academic and career goals



(Applications may be considered after February 1 until all slots are filled.)

**Eligibility:** Open to **undergraduate students (US citizens or permanent residents)** currently enrolled in public or private universities or community colleges in **Kansas, Arkansas, Nebraska, and Iowa (KANI states)**.

## Program Details

- **What:** Workshops and hands-on training in emerging technologies, professional development sessions, networking opportunities, and group projects.
- **When:**
  - Onsite: May 27 - June 5, 2026 (Monday - Friday, 8:30 AM - 4:00 PM)
  - Virtual: Pre-workshop training (one week before camp) and post-camp follow-ups (one week after camp).
- **Where:** The University of Iowa, Iowa City, IA
- **Cost:** Free! Includes housing and a stipend of **\$100 per day** for May 27 - June 5, 2026. (Note: participants from outside Iowa may receive a different stipend amount.)
- **Topics:**
  - Weather intelligence and community resilience
  - Sensor development and deployment
  - Artificial intelligence applications
  - Unmanned aerial vehicles (UAVs)
  - Field trips
  - Professional development workshops
  - Networking opportunities

**Take advantage of this opportunity to gain valuable skills, expand your network, and prepare for cutting-edge challenges in weather intelligence and innovative engineering!**



For additional questions, please contact Marc Linderman ([marc-linderman@uiowa.edu](mailto:marc-linderman@uiowa.edu)) and Shaoping Xiao ([shaoping-xiao@uiowa.edu](mailto:shaoping-xiao@uiowa.edu)).

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