



GEO-REU Seminar

DEVELOPING ETHICAL AND RESPONSIBLE AI FOR THE EARTH SCIENCES



Date: July 23, 2024

Time: 10-11:30AM MT

Virtual Seminar: [Via Zoom](#)



Speaker : Dr. Amy McGovern

**Professor of Computer Science, University of Oklahoma, and
Director of NSF AI Institute for Research on Trustworthy AI in
Weather, Climate, and Coastal Oceanography**

About the Speaker

Dr. McGovern's research focuses on developing and applying machine learning and data mining methods for real-world applications with a special interest in high-impact weather. Her current work focuses on weather analytics or physical data science, her team is developing physics-based trustworthy AI methods as well as explainable AI.

What to Expect:

- ✓ Introduction to AI and ML for early career STEM students
- ✓ Ethics and Why it matters in GEO Applications
- ✓ ChatGPT - how to use it safely and fairly