UCR Library

RAISE@UCR

Grad Success

UCR XCITE Center for Teaching and Learning

UCR AI Graduate Research Brown Bag Series

Explore the future of AI with UCR's graduate researchers.

The UCR Library, RAISE@UCR Institute, GradSuccess, and the XCITE Center for Teaching and Learning are proud to launch the first AI Graduate Research Brown Bag presentation series. This informal seminar is a great opportunity to support and engage with the innovative AI research done by graduate students across campus.

May 27, 2026 | Noon - 1 p.m. | Orbach Library, 2nd Floor, Room 240

Please register for this event:

AIBrownBagSpring2026.eventbrite.com

Free pizza and refreshments provided!

Featured Presentations:

Artificial Intelligence as Strange Intelligence

Kendra Chilson, PhD Candidate in Philosophy

Abstract: This talk will challenge the conventional view of AI's progression. Kendra will argue will argue that the linear progression model of intelligence (Narrow AI < Artificial General Intelligence < Superintelligence) creates false expectations for AI development, and we must instead view AI systems as "spiky profiles" of mixed proficiencies that process information fundamentally differently from humans if we are to put them to good use.

NuclearGuard AI: Deep Learning-Based Radiation Anomaly Detection and Interactive Visualization Using Gamma-Ray Spectral Data

Yung-Sian Fang, MBA Student, School of Business

Abstract: This presentation introduces NuclearGuard AI, an interactive nuclear safety dashboard that applies deep learning and anomaly detection to public gamma-ray spectral data. The prototype visualizes radiation spectra, anomaly scores, reconstruction errors, and spatial risk patterns to help identify suspicious radiological signals. Using Streamlit, Plotly, and machine learning models such as Isolation Forest and deep autoencoders, the project demonstrates how AI can support radiation monitoring, interpretable nuclear safety analysis, and operator decision-making.

Questions? Contact Inyoung Shin, PhD, AI Research Librarian at inyoungs@ucr.edu.