

# Leveraging Data Science to Advance Climate Predictability Across Timescales

- Fully-funded PhD Assistantship available
- Project entails innovative applications of explainable and interpretable machine learning to advance knowledge of subseasonal-to-decadal predictability
- Broad research questions include:
  - *What are sources of predictability that provide forecasts of opportunity for high-impact events such as cold air outbreaks, flood events, drought events, etc.?*
  - *How can we bridge theory-driven and data-driven methods to improve weather-to-climate prediction?*

