



DATA INSTITUTE FOR SOCIETAL CHALLENGES



TRANSFORMING THE WORLD THROUGH DATA SCIENCE TOOLS AND TECHNOLOGIES

ABOUT DISC

OU's Data Institute for Societal Challenges (DISC) was established in 2020 as part of the university's strategic plan to develop, sustain, and grow a robust and transdisciplinary network of diverse researchers with data science and data-enabled research at its core. We partner with scholars, industry leaders, communities, and policymakers to address societal challenges using big data and data science tools.

DISC is unique in its focus on the broader impact of data science and data-enabled technologies to solve pressing social issues in areas such as aerospace, defense and global security; community and societal transformation; the future of health; as well as environment, energy, and sustainability through transdisciplinary collaboration.

WHAT DOES DISC DO?

- Convenes experts across disciplines through workshops and seminars
- Provides technical expertise in areas such as:
 - › Artificial Intelligence and Machine Learning
 - › Human-Computer Teaming
 - › Predictive Analytics
 - › Visual Analytics
 - › Software and Hardware Architectures
- Fosters innovation for applied, data-enabled solutions
- Provides enabling, scalable computational, predictive and AI-enhanced technologies
- Provides interactive visual analysis, exploration, and decision-making environments
- Provides competitive seed support and administrative research support
- Supports extramural funding proposals with data science elements

WAYS TO GET INVOLVED

DISC offers many opportunities for engagement and partnerships. Become a DISC affiliated member and take advantage of many benefits. To learn more about DISC and ways to get involved, please visit ou.edu/disc.

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