



DATA INSTITUTE FOR SOCIETAL CHALLENGES CORPORATE CONSORTIUM PROGRAM

OUR STORY

Data science is becoming increasingly critical to discovery and innovation. Multiple sectors of the global and regional economy, including energy, aerospace and defense, health care, logistics, agriculture, and social service delivery, are increasingly driven by investments in fundamental and applied research in data science, artificial intelligence, and machine learning.

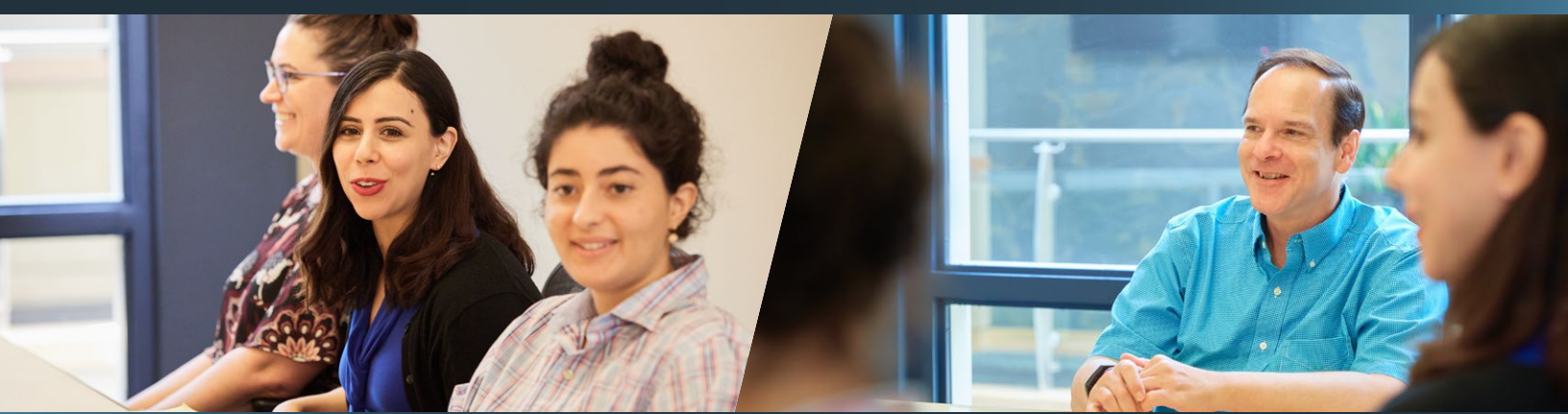
The University of Oklahoma is redefining the landscape of data science research and data-driven solutions. OU's Data Institute for Societal Challenges (DISC) is accelerating data science research, preparing students for productive careers in this field, and raising Oklahoma's prominence as a hub for data science innovation.



OU's Data Institute for Societal Challenges Corporate Consortium Program will accelerate integrative data-enabled research and prepare the workforce needed to ensure the ability to attract and retain the next generation of scientists and engineers.

EXAMPLES OF CURRENT PROJECTS

- › **Internet-of-Supplier Engine for Supply Chain Risk Management**
Identifies, assesses, and mitigates any potential Department of Defense supply chain risks to ensure mission effectiveness.
- › **A Gap-Based Approach to Frame and Develop Robust AI for Sustainable Agriculture**
Builds stakeholder trust in the power of artificial intelligence to create congruency and efficiency in predicting climate, food, and water processes.
- › **Increasing Public Health and Public Health Response to Infectious Diseases**
Integrates advanced predictive analytics, AI, new data sources, and public health worker expertise for earlier and more effective prediction, intervention, and response to emerging public health threats in the U.S. and Latin America.
- › **OK Parent Child Assistance Program Randomized Control Trial**
Evaluates a program for pregnant and parenting mothers with substance use disorders to scale and establish a National Training and Implementation Center.



CORPORATE CONSORTIUM PROGRAM BENEFITS

DISC's Corporate Consortium Program builds mutually beneficial partnerships between OU's data science community and industry. Corporate partners will have opportunities to build collaborations with DISC researchers, recruit DISC student members for internships and employment, advise DISC's priorities, and benefit from affiliation with our fast-growing institute of excellence.

Corporate partners may establish sponsorship with DISC through an annual gift of \$50,000. SBIR-eligible small businesses may be eligible for a reduced gift of \$25,000 annually.

INCLUDED BENEFITS

- › **Access to network with DISC undergraduate and graduate students and early career members.**
- › **Participation in DISC activities throughout the year, including seminars, workshops, speaker series, and conferences.**
- › **Network with world-class researchers on specific issues of interest at DISC-sponsored events.**
- › **Access to online and in-person tutorials, workshops and training opportunities to learn relevant skills and increase employees' productivity.**
- › **Recognition on DISC promotional materials, including our website, annual reports, social media, and more.**
- › **Participation in an annual networking event with all corporate partners, DISC members and affiliates, and university leaders.**

USE OF CORPORATE CONSORTIUM GIFTS

Sponsorship funds will primarily provide support for the DISC community through undergraduate and graduate student research fellowships and recruitment, community engagement and to provide seed funding for high-risk, high-reward projects. Funding may also support software and hardware purchases, events such as speaker series and data science conferences, and operations of the corporate program. DISC will report annually on the expenditures from sponsorship gifts.