Directors’ Message

The COVID-19 pandemic has highlighted the importance of data, intelligent systems, and computation. They have enabled rapid advances in scientists’ understanding of the disease and have shaped the public’s perception of it. At the same time, the pandemic has shined a spotlight on the gaps in our data, the inequities in medical outcomes, and the ubiquity of misinformation. The challenges faced in the pandemic highlight the importance of interdisciplinary discovery, problem solving, and application. I-DISC scholars represent just such an interdisciplinary approach. Read more>

I-DISC Leadership Team
Larry Snyder, ISE, I-DISC Director
Kate Arrington, Psychology, I-DISC Associate Director
Brian D. Davison, CSE, I-DISC Associate Director

Research Highlights

HPC cluster Hawk will enable new research collaborations across the University
Three I-DISC faculty members, Srinivas Rangarajan (ChBE), Ed Webb (MEM), and Lisa Fredin (Chemistry), formed part of the interdisciplinary group that were awarded an NSF campus cyber-infrastructure grant to construct a new HPC cluster, Hawk. Learn how HPC and Lehigh's new cluster Hawk can assist I-DISC faculty in achieving their research goals. Read more>

I-DISC announces new Research Group: Human-Centered Computing (HCC)

As humans face a growing reliance on computer-mediated behaviors of all sorts, the need for smarter human-technology interfaces is also growing. This semester I-DISC is launching a new Research Group in Human-Centered Computing. Read more>

I-DISC Fellows

I-DISC's new Fellows Program is benefiting faculty across campus by providing expertise in data science, computation, optimization and machine learning. This program has already helped faculty advance their research in eight research projects across a diverse range of fields. Learn more about these and how you can apply for help with your project. Read more>

Upcoming I-DISC Events

WICS - Virtual Coffee Hour
Women in Cognitive Science
February 24
2:00PM (EST) / 7:00PM (GMT)
Open discussion among the new WICS leadership team and members of the WICS community. All welcome. More information>

I-DISCcovery
Part 1: March 1-4 | Jamboard open forum
Part 2: March 5 | I-DISCOvery Coffee Hour 10-11:30am

I-DISCOvery is a platform for faculty across all disciplines on campus in the data, intelligent systems, and computation space to connect, exchange ideas, promote discussion, and share skills and interests. Learn more>

Data Journalism in the Years of Challenges - Webinar
Tuesday, March 9 | 4:15-5:45PM (Open to public)

Invited panelists from AP, WaPo, Politico & The Atlantic will discuss the use, reporting, storytelling and (mis)trust of data, during a time when societies fight a pandemic, uphold democracy, protest against inequality, & rebuild unity. More information>

I-DISC Faculty Forum
Friday, April 16

Stay tuned for an invite!

Event is supported by two I-DISC Faculty members:
Mellon Humanities Lab Research
Roulette: Probability
Wednesday, March 3 @ 12:00pm

Kathleen Weiss Hanley COB, Gordon Bean CAS,
Thomas McAndrew COH, Brooke Rollins CAS
Pre-registration required: go.lehigh.edu/probability

Quick Links
- Learn more about the I-DISC faculty members from 22 departments across all 5 colleges
- Other events of interest to I-DISC members

I-DISC REVIEW
2019-2020
The I-DISC Review reports on the activities of I-DISC researchers, and of the Institute itself, in the past two years.

I-DISC is a Lehigh University Interdisciplinary Research Institute

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