

June 26, 2025

8:30 AM - 9:00 AM: Registration & Breakfast Networking

+ *Check-in, coffee, and light breakfast*

9:00 AM – 9:30 AM: Opening Remarks

+ Speakers: President (USD), Vice-President (Academic Affairs), Vice-President (Office of Research), Dean (College of Arts & Sciences), and Chair (Department of Computer Science)

9:30 AM - 10:30 AM: Keynote Address

+ Talk title: *NIST GenAI: Text-to-Text Evaluation*

+ Speaker: Dr. George Awad, Computer Scientist/Project Leader, National Institute of Standards and Technology (NIST)

10:30 AM - 10:45 AM: Break / Networking

10:45 AM - 11:30 AM: Blitz Talk I

+ Speaker: Dr. Pete Doucette, Director, EROS Center

11:30 AM - 12:15 PM: Workshop

+ Speakers:

- Joseph J Schueder, Senior Technical Fellow, Collins Aerospace
- Joseph Engler, Chief AI Scientist, Collins Aerospace
- Chris Reuter, Sr. Principal AI Engineer, Collins Aerospace

12:15 PM - 2:00 PM: Lunch (Buffet + Networking Lounge)

2:00 PM – 2:45 PM: Workshop

+ Title: AI in the Workplace: Productivity & Creativity – Navigating the New Era of Work with Artificial Intelligence

+ Speaker: Gopi Challagolla, Software Engineer, Microsoft

2:45 PM - 4:00 PM: Panel: AI and Workforce Development in South Dakota

+ Panelists: USD, SD EPSCoR, Direct Companies, Collins Aerospace, Sterling, Wildfire labs.

4:00 PM - 5:00 PM: Evening Reception

+ Light hors d'oeuvres, social hour, and sponsor booths

June 27, 2025

8:30 AM - 9:00 AM: Registration & Breakfast Networking

+ *Check-in, coffee, and light breakfast*

9:00 AM – 9:30 AM: Opening Remarks

+ Welcome session with Senator Round's Office, USD and SDBCC leadership, and SDBCC program overview

9:30 AM - 10:30 AM: Keynote Address

+ Title: Computational Systems Modeling of Host Immune Response to Pathogen Infection and Vaccines

+ Speaker: Dr. Douglas Lauffenburger, Full Professor and Founding Chair of Dept of Biological Engineering at MIT

10:30 AM - 10:45 AM: Break / Networking

10:45 AM - 11:15 AM: Blitz Talk I

+ Title: AI methods to uncover cell identity genes

+ Speaker: Dr. Kaifu Chen, Associate Professor at Harvard Med School/Boston Children's Hospital

11:15 AM - 11:45 AM: Blitz Talk II

+ Title: Accelerated and AI-Boosted Molecular Simulations and Drug Discovery

+ Speaker: Dr. Yinglong Miao, Associate Professor at University of North Carolina Chapel Hill

11:45 AM - 12:15 PM: Blitz Talk III

+ Talk title: TRECVID: Video Understanding Evaluation at NIST

+ Speaker: Dr. George Awad, Computer Scientist/Project Leader, National Institute of Standards and Technology (NIST)

12:15 PM - 2:00 PM: Roundtable Lunch Discussion with Speakers

**2:00 PM - 4:00 PM: Biomedical Computation and AI Panel Discussion
(Biotech, Healthcare, Academia)**

+ Panelists: SDBCC, SD BioTech, Avera