UTAH DATA SCIENCE DAY

FRIDAY, JANUARY 12 | UNION BALLROOM

9:00-9:30 REGISTRATION AND BREAKFAST

9:30 - 10:30 RESEARCH HIGHLIGHTS
Alan Kuntz | Assistant Professor, Robotics Center, Kahlert School of Computing | *The Cutting Edge of Surgery: Medical Robots Improving Precision, Efficiency, and Accessibility*

Ashley Spear | Associate Professor, Mechanical Engineering | *Integrating Physics-based Models with Data-driven Models to Enable Materials Design*

Katharine Walter | Assistant Professor, Internal Medicine | *Emerging Fungal Pathogens: Integrating Diverse Data Streams for Public Health in a Rapidly Changing Climate*

Peter Roady | Assistant Professor, History & **John Gordon** | Program Manager, SCI-HUM Research Initiative | *Sense: An Intuitive Web Platform for Extracting, Analyzing, and Visualizing Relationships in Historical Records*

10:30 - 11:30 RESPONSIBLE DATA SCIENCE PANEL | MODERATED BY ALEX LEX
Tom Barkes | Head of Data Governance Office, Goldman Sachs
Cheryl Zapata-Allegro | Associate Director of Data Science, bioMérieux
Paul LaForge | Chief Technology Officer, Eccovia

11:30 - 12:15 LUNCH | BAMBOOHR SPONSOR PRESENTATION

12:15 - 1:15 KEYNOTE SPEAKER | DR. SUSAN GREGURICK, NIH
Associate Director, Data Science; Director, NIH Office of Data Science Strategy
AI Algorithms in Health Applications: Exploring NIH's Strategies, Challenges, and Vision for the Future

1:15 - 3:30 RESEARCH AND INDUSTRY EXPO, AND TUTORIALS
- Dozens of posters, demos, and information booths
- Learn about ongoing projects, find collaborators, engage with industry partners
- 1:30 - 2:00 East BR | **Overview of CHPC** | Brett Milash
- 2:00 - 2:45 West BR | **Cover Letters and Resumes** | Darrin Bartunek
- 2:45 - 3:15 East BR | **Prompting Large Language Models** | Maitrey Mehta