

2021 CADRE Conference Daily Schedule				
Start time	End time	Session	Speaker/moderator	Title
Day 1				
10:00 AM	10:10 AM	Opening	Kay Bjornen	Housekeeping - schedule, Slack, Zoom links
10:10 AM	10:20 AM	Opening	Sheila Johnson	Welcome to CADRE
10:20 AM	10:30 AM	Opening	Kenneth Sewell	Welcome to CADRE
10:30 AM	11:30 AM	Speaker 1	Jared Taylor	Technology in the age of a pandemic: Challenges and solutions for a statewide COVID-19 Response
11:30 AM	12:00 PM	Break	Sponsor recognition	
12:00 PM	1:00 PM	Panel 1	Dawn Underwood C.K. Gunsalas	Research in a COVID world: Diverse Research Teams, Undue Foreign Influence and Healthy Research Cultures
1:00 PM	2:30 PM	Panel 2	Phil Alderman, moderator Franklin Fondjo-Fotou, Nora Bello, Steve Welch, Bryan Murray, Anna Moeller, Ki Cole	Cultivating Next Generation Digital Skills for Advancing Convergence Research
2:30 PM	2:50 PM	Break		
2:50 PM	3:00 PM	Technical session I: Interdisciplinary Problem Solving with Data	Abu Mansaray, moderator	
3:00 PM	3:15 PM	Technical session I: Interdisciplinary Problem Solving with Data	Mr. Zekai Wang	Multi-Branching Temporal Convolutional Network for Sepsis Prediction
3:15 PM	3:30 PM	Technical session I: Interdisciplinary Problem Solving with Data	Mr. Nicholas Sajjadi	Performance Metric Distribution Characteristics of Medical School Exam Items

3:30 PM	3:45 PM	Technical session I: Interdisciplinary Problem Solving with Data	Ms. Jianxin Xie	Physics-constrained Deep Learning for High-dimensional Predictive Modeling
3:45 PM	4:00 PM	Technical session I: Interdisciplinary Problem Solving with Data	Dr. Bo Zhang	Using social media data in understanding public space usage.
DAY 2				
10:00 AM	11:00 AM	Panel 3	Nicole Colston, Charles Kuster, Shanon Phillips, Jeff Basara, Jason	Citizen Science and Open Access Water and Climate Data
11:00 AM	12:00 AM	Speaker 2	Stephanie Evergreen	Presenting Data Effectively
12:00 AM	12:30 PM	Break	Sponsor recognition	
12:30 PM	1:30 PM	Speaker 3	Andrea Norris	A Career in STEM: New Frontiers and Adventures
1:30 PM	4:00 PM	Panel 4	Dewayne Dickens	Telling Their Story: 100 Years since the Tulsa Race Massacre
DAY 3				
10:00 AM	10:10 AM	Lightning talks/Student	Max Prud'homme and Clarke	
10:15 AM	10:25 AM	Lightning talks/Student	Ms. Allison Howard	Using Virtual Reality (VR) to Understand the Effects of Biophilic Design on Patients in 3D
10:25 AM	10:35 AM	Lightning talks/Student	Ms. Sydney Newsome	Predicting potential antivirals and druggable pockets in coronavirus Spike protein using
10:35 AM	10:45 AM	Lightning talks/Student	Ms. Maral Esmaeli	LIGHTNING EFFECTS ON USER'S COGNITIVE LOAD AND LEVEL OF PRESENCE IN A SIMULATED
10:45 AM	10:55 AM	Lightning talks/Student Showcase	Thao Bach	Correlative image analysis of the inter-morphogenetic domain signaling networks regulating C. elegans embryogenesis
11:00 AM	12:00 PM	Speaker 4	Ivan Oransky	From Cancer to COVID-19, Does Science Self-Correct?
12:00 PM	12:30 PM	Break		
12:30 PM	1:45 PM	Panel 5	Kevin Wagner	Advances in and Challenges to Student Data Education in the Age of Climate Change
1:50 PM	2:00 PM	Technical session II: Interdisciplinary Problem Solving with Data	Abu Mansaray	

2:00 PM	2:15 PM	Technical session II: Interdisciplinary Problem Solving with Data	Wuyang Xian	Monte Carlo Tree Search for Optimal Cancer Intervention Strategies among BRCA Mutation Carriers
2:15 PM	2:30 PM	Technical session II: Interdisciplinary Problem Solving with Data	Ms. Khyati Chandratre	Integrative analyses of multi-omics data to uncover potential mechanisms of transcriptional dysregulation in Prostate Cancer (PCa)
2:30 PM	2:45 PM	Technical session II: Interdisciplinary Problem Solving with Data	Cheryl Porter	The Agricultural Research Data Network - ARDN
2:45 PM	3:00 PM	Technical session II: Interdisciplinary Problem Solving with Data	Dr Stephen Welch	Using a Special Problems Course to Conduct Research: Learning & Lessons
3:00 PM	3:15 PM	Technical session II: Interdisciplinary Problem Solving with Data	Dr. Marilyn Painagan	SIMULATING THE IMPACTS OF DEFICIT IRRIGATION ON CORN YIELD AND WATER PRODUCTIVITY USING COUPLED DSSAT CERES-MAIZE AND AQUACROP MODELS
3:15 PM	3:30 PM	Technical session II: Interdisciplinary Problem Solving with Data	Meg Cantwell	The Power of Data in the Stories We Tell
3:30 PM	3:45 PM	Technical session II: Interdisciplinary Problem Solving with Data	Er. Utkarsh Kumar	Time series rainfall forecasting for Kumaon region of Uttarakhand using SARIMA model
3:45 PM	4:00 PM	Closing/student award	Max Prud'homme and Clarke Iakovakis	