Full Name	Research Focus	Level	Program
Francis Osei Tutu Afrifa	Bridging the Gap: Understanding Embedded Orographic Convection through High-Resolution LES Modeling	MS	Atmospheric Science
Jeffrey Bell	How can digital tools change the way we study print culture; using digital humanities techniques that were unavailable to researchers in the past.	MA	History
Matthew Butrim	Understanding patterns of floral recovery in the Denver Basin after the end-Cretaceous mass extinction	PhD	Ecology
Janette Davidson	Does synchrony predict invasion? Examining the interplay between ecological synchrony and invasion using dynamical computational modeling, Bayesian modeling, and data science.	PhD	Ecology
Haniye Kashgarani	Optimizing Parallel Computation for AI Problem Solving: A Hybrid Approach of Algorithm Selection and Portfolio Parallelization	PhD	Computer Science
Caroline Kittle	Predicting the Spread of Invasive Species in the State of Wyoming.	MS	Plant Science
Mallory Lai	Network-based machine learning methods for identifying functional groups in the microbiome	PhD	Biomedical Sciences Program, Data Science Track
Jason Landen	Automated behavioral tracking helps identify neural correlates of body cooling and sleep onset in mice	PhD	Neuroscience
Peng Li	Statistical physics-informed machine learning algorithms for subsurface reservoir characterization.	PhD	Geology and Geophysics
Yufeng Luo	A Computational and Data-Driven Approach for Cloud Motion Prediction using High Performance Computing	PhD	Physics
Emmanuel Oladeji	Forecasting groundwater dynamics in a mountain watershed using deep learning and geophysical monitoring	PhD	Geophysics
Dilip Pandit	Optimal Operation of Electric Vehicles to Improve Reliability of Microgrids Using Artificial Neural Network.	PhD	Electrical Engineering
Sindhu Reddy	Feasibility and Effectiveness of Brain Biometrics for Building User Authentication Systems	PhD	Computer Science
Elham Shokrgozaryatimdar	A Massively Parallel Processing (MPP) System for Physics-based Deep-learning and Its Application in Understanding the Weathering Process	PhD	Geophysics and Seismology