

Student	Title	Level	Department
Madan Magar	Composite Power System Reliability Evaluation Using Quantum Computing	MS	Electrical Engineering & Computer Science
Alathea Davies	Computer-Aided Materials Discover for Enhanced Desalination	PhD	Chemistry
Chase Markel	Computational Analysis in Beef Production Systems to Identify and Prevent Bovine Congestive Heart Failure	PhD	Animal Science
Emma Franz Hughes	A Novel Computational Model for Wyoming Type 2 Diabetes Risk Analysis	PhD	Geology & Geophysics   Mathematics & Statistics
Kaitlyn McKnight	Detecting Drivers of Spatial Synchrony and Ecological Population Vulnerability: Adapting Wavelet Techniques to Predict Whitebark Pine Extinction Risk.	PhD	Botany
Luke Macy	Leveraging Digital Twin Technology to Improve Heating, Ventilation, and Air Conditioning (HVAC) Systems.	PhD	Civil & Architectural Engineering & Construction Management
Molly Caldwell	Using Big Data to Investigate How Individual Movements Shape Wildlife Community Dynamics: A Case Study of Yellowstone Ungulates.	PhD	Zoology & Physiology
Nijat Rustamov	Advancing Physics of Fluids Enabled by Computational Data Science	PhD	Chemical & Biomedical Engineering
Peng Liu	Enhancing Construction Safety Through Computational Predictive Modeling of Hazard Recognition	PhD	Civil & Architectural Engineering & Construction Management
Zhuoting Chen	Toward Edge Computing Enhanced Next-Generation Composites Additive Manufacturing: Real-Time Prent Quality Prediction and Printing Process Optimization by Machine Learning	PhD	Mechanical Engineering