

UB RISE 2026 DOCTORAL COMPETITIVE						
Poster #	Name	Title	College	School	Faculty Advisor	Recognition
32	Bushra Rayyan	AI RESILIENCE & COGNITIVE DEPTH: Exploring Learning in AI-Integrated College Classrooms Through Bloom's Taxonomy	College of Engineering, Business, Education	School of Engineering Technology Management	Peter Cavanaugh, Dan Tenney, Arthur McAdams	1st Place
25	Ismail Albukhari	Lightweight Mini-GRU Recurrent Neural Network Approach for Monocular Visual SLAM	College of Engineering, Business, Education	School of Engineering Computer Science	Ahmed El-Sayed, Mohammad Alshibli	2nd Place
27	Abdulaziz Alwehaibi	Quantum Neural Forecasting for Cyber-Threat Prediction: A Hybrid Quantum AI Framework for Predictive Cyber Defense	College of Engineering, Business, Education	School of Engineering Computer Science	Khaled Elleithy	3rd Place
28	Abdulrahman Ali Kariri	Enhancing Aerial Intelligence: A Fog-Robust YOLO Framework for Drone-Based Infrastructure Inspection	College of Engineering, Business, Education	School of Engineering Computer Science	Khaled Elleithy	Alumni
34	Feyisetan Dania	Engineering Economic Dignity - A Socio-technical Framework for Blockchain Enabled Fintech, and Global Remittance: A Conceptual Approach	College of Engineering, Business, Education	Ernest C. Trefz School of Business	Dan Tenney, Shannon Hashemi	Honorable Mention
UB RISE 2026 MASTERS COMPETITIVE						
Poster #	Name	Title	College	School	Faculty Advisor	Recognition
52	Nalini Naidu Gorajana	Rational Design, Synthesis and Evaluation of Tetraiodo-5(6)-Carboxyfluorescein as a Potent and Targeted Photodynamic Therapy in Cancers	College of Engineering, Business, Education	School of Engineering Biomedical Engineering	Abu Hossoin	1st Place
50	Lakshmi Aishwarya Malladi, Gowtham Raj Vuppari	Emotion-Aware AI for Mental Health Support Using DistilBERT	College of Engineering, Business, Education	School of Engineering Artificial Intelligence	Xionggue Xiong	2nd Place
92	Godwin Agyei Owusu	Design, Fabrication, and Multiphysics Analysis of a High Precision	College of Engineering, Business, Education	School of Engineering Mechanical Engineering	Junling Hu	3rd Place
47	Evans Awuah	Computational Modeling of Mechanical Stress and Microstructural Integrity in White Matter Post-Traumatic Brain Injury	College of Engineering, Business, Education	School of Engineering Biomedical Engineering	Peiqiao Wu	Alumni
49	Kunal Jha, Akash Bhowmick	Impact of Financial Automation and AI Tools on Reporting Efficiency in U.S. Corporations	College of Engineering, Business, Education	Ernest C. Trefz School of Business	Consheng Wu	Alumni
46	Emmanuel Deshommes	Decoupling Reasoning from Safety: A Geometry-Aware Orchestration Framework for Fault-Tolerant AI Agents	College of Engineering, Business, Education	School of Engineering Artificial Intelligence	Ausif Mahmood	Honorable Mention

UB RISE 2026 UNDERGRADUATE COMPETITIVE							
Poster #	Name	Title	College	School	Faculty Advisor	Recognition	
90	Xiomara Jennings	Emotional Regulation and Cognitive Functioning	College of Science & Society	Psychology	Elizabeth Fles	1st Place	
88	Samantha Krenzel	An Analysis of Eyewitness Identification Pre-lineup Instructions in State Statutes	College of Science & Society	Criminal Justice	Cassidy Haigh	2nd Place	
81	Karolina Andersson, Ellen Lundeberg	FUEL YOUR PERFORMANCE: A Nutrition Website for UB Student-Athletes	College of Health Sciences	Health Sciences	Elizabeth Haas	3rd Place	
86	Nyla Blackmon, Kenyce Johnson	The Physics of a Skateboard Trick Execution: SmartSkate	College of Engineering, Business, Education	School of Engineering Mechanical Engineering	Jani Pallis	Alumni	
85	Natalie Todd	Pain Management in Patients with Traumatic Brain Injury (TBI): A Concept Analysis	College of Health Sciences	School of Nursing	Linda Wagner	Honorable Mention	
UB RISE 2026 HIGH SCHOOL COMPETITIVE							
Poster #	Name	Title	School		Faculty Advisor	Recognition	
106	Amelia Nandikesan	Lost In Translation? Investigating the Impact of Microgravity on Gene Transcription Mechanisms	Stamford High School		Susan Dougherty	1st Place	
104	Aidan Reyes	Development of a Dipole PVDF Film Pyroelectric Generator Utilizing Process Waste Heat	Bridgeport Regional Aquaculture Science & Technology Education Center		Kirk Shadle	2nd Place	
115	Kacee Tam	Determining How the Perception of Dissonance in the Two Tuning Systems Differs Between Adolescents With and Without Absolute Pitch	Amity Regional High School		Sarah Reeves	3rd Place	
123	Ziyan Zhang	Quantifying the Impact of Tariff Changes on U.S. Import Prices	Amity Regional High School		Lindsay McCarthy	Alumni	
111	Emily Barnhart	Utilizing Organic Byproducts Within the Internal Arrangement of Concrete to Enhance the Dimensional Stability of Porous Concrete	Bridgeport Regional Aquaculture Science & Technology Education Center		Kirk Shadle	Honorable Mention	
OPTIMIZING BUSINESS PROFITABILITY AWARD THROUGH THE USE OF AI							
Poster #	Name	Title	Category	College	School	Faculty Advisor	
50	Lakshmi Aishwarya Malladi, Gowtham Raj Vuppari	Emotion-Aware AI for Mental Health Support Using DistilBERT	Masters	College of Engineering, Business, Education	School of Engineering Artificial Intelligence	Xionggue Xiong	
QUANTUM COMPUTING AWARD							
Poster #	Name	Title	Category	College	School	Faculty Advisor	Recognition
27	Abdulaziz Alwehaibi	Quantum Neural Forecasting for Cyber-Threat Prediction: A Hybrid Quantum AI Framework for Predictive Cyber Defense	Doctoral	College of Engineering, Business, Education	School of Engineering Computer Science	Khaled Elleithy	1st Place
26	Shantha Alhazmi	Quantum Entanglement in Digital Forensic: Methodology and Experimental Findings	Doctoral	College of Engineering, Business, Education	School of Engineering Computer Science & Engineering	Khaled Elleithy	2nd Place
CLIMATE CHALLENGE AWARDS							

Poster #	Name	Title	Category	College	School	Faculty Advisor	Recognition
21	Valerie R. Milici	The Marsh Microbiome and Climate Change Resilience	Faculty	College of Science & Society	Biology		1st Place
30	Mohamed Mohamed	Thermal-Aware Hybrid Dual-Battery System for Enhanced Electric Vehicle Performance and Range	Doctoral	College of Engineering, Business, Education	School of Engineering Computer Science & Engineering	Khaled Elleithy	2nd Place
130	Jean-Marcos Rodriguez	Enhancing Agricultural Water Efficiency and Soil Health through Drone and Interpretive AI Technology	High School		Bridgeport Regional Aquaculture Science & Technology Education Center	Kirk Shadle	3rd Place

PRE-UB RISE 2026 CLIMATE INNOVATION PITCH AWARDS

	Name	Title	Company	College	School	Faculty Advisor	Recognition
	Delvin Addo	Real-time AI -Flood Risk Alerts for Connecticut	FloodGuard	College of Engineering, Business, Education	School of Engineering Computer Science	Ahmed El Sayed	Winner
	Godwin Agyei-Owusu	Modular Waste-to Energy System for Clean Decentralized Power	Ednasonaa Inc.	College of Engineering, Business, Education	School of Engineering Mechanical Engineering	Gad Selig	Winner

FACULTY COMPETITIVE AWARDS

Poster #	Name	Title	College	School	Co-Authors	Recognition
1	Cassidy Haigh, PhD	An Exploratory Study of White-Collar Crime Wrongful Conviction	College of Science & Society	Criminal Justice	Shannon Hashemi, DBA	1st Place
6	Thomas Auerbach, DC	Chiropractic Treatment of Dorsal Scapular Nerve Entrapment	College of Health Sciences	School of Chiropractic		2nd Place
3	John Chick, EdD	Development and AI-Assisted Validation of the Human-AI Symbiotic Theory (HAIST)	College of Engineering, Business, Education	School of Education	Laura Morello, EdD	3rd Place
4	Claude Mayo	A Different World Using College Choice to Examine the Lived Experience of Black Cousins' Doctoral	College of Engineering, Business, Education	School of Education	Ebonee Mayo-Mitchell	4th Place