



Faculty Research & Development Grant Recipients 2024-2025

<u>Name</u>	<u>Department</u>	<u>Project Title</u>
Dr. Maiko Arichi	Mathematical Sciences	Ischemic Episodes Detection from Electrocardiograms using the Discrete Hermite Transform Based on Artificial Neural Network
Professor Desmond Beach	Visual Arts	Quilting the Fragments of Freedom: Ritual, Resistance, and the Sacred Act of Making
Dr. Bouchaib Falah	Computer Science	A Comparative Survey of Mutation Testing Across Large Language Models, REST APIs, and Database Engines
Dr. Saurabh Gayen	Chemistry & Physics	Differential Gene Expression with Sequential Chorioamnionitis and Hyperoxia Exposure to Neonatal Monocytes and Rat Model
Dr. Gervais Gnaka	Pan Africana Studies	Laurent Gbagbo's Trial and the Indictment of the International Criminal Court: A Pan-African Victory, Revised Edition
Dr. Moses Haimbodi	Mathematical Sciences	Further Investigation of Distortions Observed in the Structures of CdSe Quantum Dots Upon Optimization Using Density Functional Theory (DFT)

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Professor Christina Kerns	Visual Arts	Holographic Prints – Creative Research
Dr. François Kodena	History, Philosophy & Religion	The Mvett: toward a scientific-spiritual philosophy in the academy and beyond
Professor Ashley Kuhn	Visual Arts	The Esoteric & Abstraction: Women, Spiritualism and Painting
Professor C. Marlene Lacy	Visual Arts	The Lincoln University Alumni Memorial Arch: The Lincoln Men Who Served in the World War (WWI)
Dr. Sakil Mahmud	Computer Science	Optimization of Nanosilver Synthesis for the Efficient Catalysis of Bacterial and Organic Pollutants
Dr. Juan Martinez-Millan	Languages & Literature	Images of African-American Culture in Afro-Spanish Literature
Dr. Sema Hande Ogutcu-Fu	Political Science	Inter-Group Relations and Multi-Party Civil War Outcomes
Dr. Lukas Pelliccio	Communications	A Qualitative Exploration of the Paradoxes of Interpersonal Ostracism Message Communication
Dr. Mina Samizadeh	Computer Science	AI-Enhanced Problem Solving: A Multi-Modal Learning Approach for Complex Combinatorial Problems