

2026-27 UDMPU Faculty Research Awards

Faculty Member		College	Proposal Title	Award
Aarons	Kieran	CHASS	Political Myth and the Phenomenology of Violence	\$3,450.00
Ahlquist	Jennifer	CHP	Mindfulness Curriculum for Pre-Licensure Nursing Students	\$10,370.00
Alsmadi	Mohammad	E&S	Launching the Detroit Mercy Power and Energy Lab (DM-PEL): Advancing Innovation in Battery Management Systems through Health-Based Control	\$37,910.00
Anderson	Kelli	CHASS	Perceived Family Conflict and Its Impact on Academic Performance Among College Students	\$5,800.00
Baker	Stokes	E&S	Assessing Northern Scarlet Macaw Diversity in Belize	\$9,985.00
Belanger	Rachelle	E&S	Micro- and Nanoplastics as Hepatotoxic Stressors in Freshwater Fish and Crayfish	\$13,837.00
Borsellino	Jessica	CHASS	"To Take Care of My People": Kiowas and Their Health Care System, 1860-1940	\$5,256.00
Finkel	Jonathan	E&S	How Candida Albicans and Streptococcus Mutans form a Mutualistic Relationship to Cause Increased Caries in Humans	\$7,834.00
Foerder	Preston	CHASS	Learning in Harvesters	\$7,466.00
Hill	Heather	CHASS	Moving Beyond the Bridge Narrative: First-Gen Students and First-Gen Professors	\$3,450.00
Kosi-Kupe	Anne-Marie	E&S	Hydroponic Cultivation of Watercress (Nasturtium officinale)	\$9,839.00
Lanigan	Katherine	E&S	Spectroscopic Investigation of Complexation and Photo-reactivity of Metal-aminopolycarboxylate Ligands in the Presence of TiO2 Nanoparticles and Ultraviolet Light	\$8,855.00

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Lee	Rachel	CHASS	Mastery Criteria and Maintenance of Skills in Children with Developmental Disabilities	\$2,500.00
Livezey	Mara	E&S	A Systematic Study of Minoxidil Structure and Mechanism-of-Action	\$3,780.00
Mukherjee	Avishek	E&S	Contextualized virtual reality learning in stem education using artificial intelligence	\$16,600.00
Nicole	Najor	E&S	A broad, multi-approach characterization of the yeast gene, PDH1	\$3,631.00
Nyutu	Eva	E&S	Diversity of Coleoptera (aquatic beetles) in an Urban Vernal Pool	\$4,191.00
Provost	Thomas	SACD	Mapping Pollution Exposure Along Detroit’s Cycling Network (part ii)	\$5,058.00
Qian	Miao	CHASS	Reducing Children’s Racial and Gender Biases: Evidence from An Online Platform	\$7,320.00
Robinson-Dunn	Diane	CHASS	The disappeared Latvian culture of northeastern Vidzeme, 1870-1950	\$3,999.00
Rowe	Sarah	CHASS	Exploring Job Satisfaction Among Highly Satisfied School Psychologists: A Qualitative Study	\$2,378.00
Santora	Michael	E&S	Advancing All-Weather Autonomous Driving Through Thermal Lane Detection	\$15,858.00
Storks	Levi	E&S	The impacts of microplastic exposure on olfactory neurophysiology	\$10,633.00
TOTAL AWARDS \$				200,000.00