

Collaboration Initiative
Team Formation and Publication Grants

July 1, 2021



Proposal Title	Researcher	PI	Campus
Assessing and Evaluating Social Interaction between Parents and their Children with Autism Spectrum Disorder	Philip Lai Seth Walker Yiwei Zhang Amanda Zangrillo Yingying Wang	PI	UNK UNMC UNO UNMC UNL
Caring for Each Other: Assessing the Role of "Chosen Family" in fostering Resilience during the COVID-19 pandemic and beyond	Sharon Obasi Richard Mocarski Debra Hope	PI	UNK UNK UNL
Cognitive Health in the rural vs urban population as Measured by MoCA	Ladan Ghazi Saidi Miechelle McKelvey Vaishali Phatak	PI	UNK UNK UNMC
Community Participatory Based Research on Health Disparities Among Immigrants and Refugees in Central Nebraska	Michelle Warren Chance Bell Christine Chasek Cristian Dona Laurinda Weisse Athena Ramos Trey Andrews Lory Dance Ben Malczyk Richard Mocarski Chandra Diaz DeBose	PI	UNK UNK UNK UNO UNK UNMC UNL UNL UNK UNK UNK
Enhancing well-being and animal bonds in rural populations	Jeffrey Stevens Michelle Howell Smith Rose Strasser Lisa Karr	PI	UNL UNMC UNO UNL
Establishing a Research Collaborative on Health-Related Movement for Nebraskans with Intellectual and Developmental Disabilities	Michaela Schenkelberg Shannon Mulhearn Megan Adkins Brad Corr Mike Messerole	PI	UNO UNK UNK UNMC UNO

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Establishment of a COVID-19 data hub to facilitate COVID-19 research, therapeutic development, and disease control	Etsuko Moriyama Hideaki Moriyama Luwen Zhang Guoqing Lu	PI	UNL UNL UNL UNO
Formation of the University of Nebraska Flood Resilience Working Group	Tirthankar Roy Tala Awada Jesse Bell Njoki Mwarumba	PI	UNL UNL UNMC UNO
Healthcare Disparities and Experiences of Stressors in Women During Their Pregnancy Lifecycle	Ashley Blount Gurudutt Pendyala Corri Hanson Ann Anderson Berry Charmayne Adams	PI	UNO UNMC UNMC UNMC UNO
Interpreting Muslim Tradition: Struggle for Democracy, Gender Equality, and Minority Protection	Ramazan Kilinc Chuck Rowling Simon Wood Abla Hasan Paul Williams Curtis Hutt James Clark Michelle Black	PI	UNO UNK UNL UNL UNO UNO UNO UNO
Machine Learning, Data Mining and Wireless PHY-layer for a secure IoT System	Jacques Bou Abdo Basheer Qolomany Nirnimesh Ghose	PI	UNK UNK UNL
Peripheral Artery Disease (PAD): The Use of Genomic Assessment to Distinguish Biologic Subgroups With Remarkably Distinct Responses to Supervised Exercise Treadmill Training.	Iraklis Pipinos Guoqing Lu	PI	UNMC UNO
Planning: Sestrin2, Autophagy, and Arsenic-induced Metabolic Dysfunction	Seung-Hyun Ro Samuel Cohen	PI	UNL UNMC

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Precision Nutrition In Cancer Survivors: An Interdisciplinary Team-based Approach	Corri Hanson Laura Bilek Bing Wang Christopher D'Angelo Diane Ehlers Heather Rasmussen Sathish Kumar Natarajan Laura Graeff-Armas Teresa Cochran Mariah Jackson	PI	UNMC UNMC UNL UNMC UNMC UNL UNL UNMC UNMC UNMC
Precision Nutrition to Enhance and Preserve Motor Function in People with Parkinson's Disease	Jana Wells Joseph Siu Vivien Marmelat Jiri Adamec Alfred Fisher John Bertoni Corri Hanson	PI	UNMC UNMC UNO UNL UNMC UNMC UNMC
Promoting Environmental DNA (eDNA) Research on Invasive Species through Cross-Campus Collaborations	Guoqing Lu Gregory Pec Omera Matoo	PI	UNO UNK UNL
Receiving Context and Immigrant Integration in New Urban and Rural Destinations	Cristian Dona Laura Alexander Julie Tippens	PI	UNO UNO UNL
Solving the Early Childhood Workforce Teacher Pipeline-Pathway Problem through Systems-Based Research	Dawn Mollenkopf Sarah Zuckerman Guy Trainin Lisa Roy Danae Dinkel	PI	UNK UNL UNL UNCA UNO
Unifying and Strategizing Tick and Tick-Borne Disease Research Across Nebraska	Eileen Hebets Julie Shaffer Brandon Luedtke Louise Lynch-O'Brien Roberto Cortinas Elizabeth VanWormer	PI	UNL UNK UNK UNL UNL UNL