



## Collaboration Initiative Team Formation and Publication Grants

July 1, 2022



Proposal Title	Researchers		Campus
Building Research Collaborations: Exploring Equity as Rationale for the State-driven Accountability in Nebraska	Taeyeon Kim Aprille Phillips Ted Hamann	PI	UNL UNK UNL
Help Me Grow: A Novel System Approach to Support Health Equity for Underserved Families of Young Children	Lorey Wheeler Sarah Swanson Charlie Lewis Kristen Derr HyeonJin Yoon Julie Tippens Marisa Macy Kerry Miller Becky Skoglund	PI	UNL UNMC UNL UNL UNL UNL UNK UNMC UNMC
Nutrition Phenotyping in Rural Stroke Survivors	Megan Timmerman Bing Wang Teresa Cochran Mariah Jackson Corri Hanson	PI	UNMC UNL UNMC UNMC UNMC
Improving Bioinformatics Education for Biology Majors Across NU Campuses: Developing STEM-Focused Online Curricula	Guoqing Lu Craig Finlay Gregory Pec Etsuko Moriyama	PI	UNO UNO UNK UNL
Determining the Risk of Surface Water as A Vector in Transmitting Antimicrobial Resistance from the One-Health Perspective	Xu Li Baha Abdulhamid Rodney Moxley	PI	UNL UNMC UNL



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e-Learning Module: Reality of Children Experiencing Social Determinants of Health	Jana Wardian Leah Stade Sarah Nelson Nathan Gollehon	PI	UNMC UNMC UNO UNMC
University of Nebraska Infectious Diseases Funding Equity and Alignment Initiative: Collaborative Forum Development	Georgina Bingham Wael ElRayes Elizabeth VanWormer	PI	UNL UNMC UNL
Artificial intelligence-based condition monitoring and fault detection for power system equipment	Yayu Peng Christine Wittich Richard Wood Mohammad Rashedul Hasan	PI	UNK UNL UNL UNL
#NarcansavesLives: Using social media to encourage Narcan purchase and reduce death from opioid overdose	Ciera Kirkpatrick Roma Subramanian Allison Schlosser Valerie Jones Jessica Hample Patrick Habecker Kelli Boling	PI	UNL UNO UNO UNL UNK UNL UNL
(NUCI, Publication Grant) Efficient Airport Foreign Object Detection with Small Unmanned Aerial System, Adaptive Lighting, and Machine Learning	Xin Zhong Iason Konstantzos Victor Huang	PI	UNO UNL UNO
Exploring Risk and Protective Factors for Nonmedical Use of Prescription Stimulants among Adolescents	Junghyae Lee Namkyung Oh	PI	UNMC UNO



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Promoting Optimal Nutrition in Pregnant Women through AI-Based Interactive Smart Chatbots	Chun-Hua Tsai Melissa Thoene Deepak Khazanchi Corri Hanson Ann Anderson Berry	PI	UNO UNMC UNO UNMC UNMC
I see it. Don't you? Examining individual differences in visual imagery	Seth Long Joseph McCaffrey Michael Dodd Katherine Moen	PI	UNK UNO UNL UNK
NURTURE Nebraska: Nebraskans Unlocking Resources for Teachers in Underserved and at-Risk Environments	Tara Fahmie Marisa Macy Cynthia Livingston Brenda Bassingthwaite	PI	UNMC UNK UNMC UNMC
Digital Beacon: Connecting Smart Communities for Disaster Warning and Response	Namkyung Oh Junghyae Lee	PI	UNO UNMC