

Collaboration Initiative

Planning Grant Award Recipients

July 1, 2019

Project Title	PI Name	Co-PI Name	Participating Campuses/ Institutions
Biologically inspired functional materials	Shireen Adenwalla, UNL	Mark Wilson Timothy Gay Kenneth Trantham	UNL UNL UNK
Enhancing senior living, quality of life and independence through utilizing assistive and interactive technology	Julie Blaskewicz Boron, UNO	Ann Fruhling Marcia Shade Natalie Manley Meaghan Walls	UNO UNMC UNMC UNO
Building the infrastructure for early childhood executive function research in Nebraska	Carrie Clark, UNL	Jenna Finch Timothy Nelson Marc Goodrich Amy Napoli Amanda Witte Soo-Young Hong Yingying Wang Philip Lai Danae Dinkel Anne Schutte Helen Raikes Jolene Johnson Matthew Carlson Kathleen Gallagher	UNL UNL UNL UNL UNL UNL UNL UNL UNL UNO UNL UNL UNL UNMC UNL Buffet Institute
Visual control of locomotion in people with Parkinson's disease	Carolin Curtze, UNO	John Bertoni Matthew Rizzo Danish Ejaz Bhatti Diego Torres-Russotto	UNMC UNMC UNMC UNMC

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"NO ENDS" – Collaborative research towards developing a multifaceted program in prevention of youth vaping	Hongying Dai, UNMC	Athena Ramos Brandon Grimm Lindsey Witt-Swanson Jolene Smyth	UNMC UNMC UNL UNL
Forcibly removed: Homeland detachments of international and indigenous refugees	Lory Dance, UNL	Michelle Warren Margaret Huettl Laurinda Weisse Jacob Rosdail Abla Hasan	UNK UNL UNK UNK UNL
Vitamin D and physical function in end stage renal disease	Laura Graeff-Armas, UNMC	Corrine Hanson Jennifer Yentes Joan Lappe	UNMC UNO Creighton University
Nebraska consortium on sexual and gender minority health	Debra Hope, UNL	Jay Irwin Richard Mocarski Emily Kazyak Sandra Loughrin Nahia Jean Amoura	UNO UNK UNL UNK UNMC
Transformative analytical methods and technology to improve proactive safety management of general aviation operations	Chenyu Huang, UNO	Xiaoyue Cheng Stephen Scott	UNO UNL
RTSA: A Real-Time Self-Adaptive system for smart building using deep reinforcement learning and wireless sensor networks	Pei-Chi Huang, UNO	Steve Goddard Myoungkyu Song Yeongjin Gwon	UNL UNO UNMC

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The role of quality early care and education as economic infrastructure for community economic development	Catherine Huddleston-Casas, UNL	Greg Welch Eric Thompson Connie Reimers-Hild Cathy Lang Sheryl Feinstein	UNL UNL UNL UNO UNK
Role of specialized pro-resolving lipid mediators in placental tissue and perinatal health	Maheswari Mukherjee, UNMC	Ann Anderson Berry Corrine Hanson Ana Yuil-Valdes Melissa Thoene Maranda Thompson Sathish Kumar Natarajan	UNMC UNMC UNMC UNMC UNMC UNL
Forensic Sciences Initiative: Innovation in the identification of missing persons (FSI)	Sophia Perdikaris, UNL	Sachin Pawaskar Allison Cushman	UNO UNMC
Enhanced radiographic training using augmented reality and deep learning	Eric Psota, UNL	Ellie Miller Qing Hui	UNMC UNL