

Food for Health Seed Grant Award Recipients

Spring 2016



Project Title	PI Name	Co-PI Name	Participating Campuses/ Institutions
The Gut Microbiome as a Factor in Development and Progression of Cardiomyopathy	Andrew Benson, UNL	Jennifer Clarke Robert Hagelstrom Brian Lowes Amanda Ramer-Tait Eric Rush	UNL UNMC-MMI UNMC UNL UNMC-MMI
Targeting CBL-family Ubiquitin Ligases to Reverse Diet-induced Obesity and Insulin Resistance	Soonkyu Chung, UNL	Hamid Band Amarnath (Amar) Natarajan	UNMC UNMC
The Interaction of Prenatal Programming and Gene Variants on Altered Metabolic, Immune, and Reproductive Function Resulting in Reduced SHBG	Andrea Cupp, UNL	Carol Casey John Davis Justin Mott Jessica Petersen Jennifer Wood Dustin Yates	UNMC UNMC UNMC UNL UNL UNL
Post-transcriptional mRNA Regulation Impacts Production of Inflammatory Molecules and Fertility	John Davis, UNMC	Andrea Cupp Justin Mott Jennifer Wood	UNL UNMC UNL
Developing a Toxoplasma Vaccine Targeting a Costly & Deadly Foodborne Illness in the US	Paul Davis, UNO	Brandon Luedtke Sam Sanderson	UNK UNMC
Impact of Dietary DHA in Ready-To-Use Supplemental Foods on Pregnancy and Infancy in Food Insecure Populations in Zambia	Concetta DiRusso, UNL	Nicole Henretty Chipepo Kankasa Veenu Minhas Abbie Raikes Helen Raikes Charles Wood Fang Yu	Edesia Global Nutrition Univ of Zambia UNMC UNMC UNL UNL UNMC

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Integrating Evidence-based Nutrition, Exercise, and Weight Management Interventions in Primary Care to Increase Reach, Effectiveness, and Maintenance of Lifestyle Interventions	Paul Estabrooks, UNMC	Fabio Almeida Todd Bartee Kate Heelan Jennie Hill James McClay Jane Meza Ashok Mudgapalli Robert Schwab Ghada Soliman Dejun Su Changmin Yan	UNMC UNK UNK UNMC UNMC UNMC UNMC NE Medicine UNMC UNMC UNL
Agricultural Landscapes as Learning Environments to Benefit Human Health	Mary Harner, UNK	Michael Farrell Michael Forsberg Keith Geluso Jamie Loizzo	UNL UNL UNK UNL
Interaction between Diet and Gut Microbiome using Non-human Primates as Models	Etsuko Moriyama, UNL	Andrew Benson Siddappa Byrareddy Jeffrey French Robert Norgren	UNL UNMC UNO UNMC
Mucosal Barrier Function in Regulating Diet-induced Changes in Gut Microbiome and Health	Amar Singh, UNMC	Dundy Bastola Punita Dhawan Ming-Fong Lin Justin Mott Amanda Ramer-Tait Laurey Steinke	UNO UNMC UNMC UNMC UNL UNMC

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Improving the Extraction Efficiency of Health-promoting Bioactive Nutrients from Agricultural Commodities of Economic Importance to Nebraska	Jeyamkondan Subbiah, UNL	Jiajia Chen Jason Foster Sibel Irmak	UNL UNMC UNL
Modeling Glucose Metabolism Using the Queueing Theory	Tadeusz Wysocki, UNL	Paul Davis Ghada Soliman	UNO UNMC
Prevention of Human Disease by Food-borne microRNAs	Janos Zemleni, UNL	Jiri Adamec Audrey Atkin Juan Cui Guoqing Lu Tara Nordgren Debra Romberger	UNL UNL UNL UNO UNMC UNMC