

AWARD REPORT

January 2019

PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Nurun Nahar	AES & EXT	AES Agricultural & Biosystems Engineering	Kenneth Hellevang	\$ 21,046.00	Evaluating Soybean Quality Stored in Commercial Grain Bags	ND Soybean Council
Eric Berg	AES & EXT	AES Animal Sciences	Julie Garden-Robinson Leigh Skurupey	\$ 22,869.00	Evaluation of Youth's Perception of Red Meat Through Culinary Grilling Safety and Food Literacy Skills and its Contribution to Career Development	ND Beef Commission
Kasey Maddock Carlin	AES & EXT	AES Animal Sciences		\$ 59,787.00	Influence of Ractopamine Hydrochloride Supplementation on the Metabolome of Skeletal Muscle and Impacts on Meat Quality in Beef	ND Beef Commission
Robert Maddock	AES & EXT	AES Animal Sciences		\$ 63,040.00	Do the Size and Shape of Retail Beef Cuts Affect Consumer Purchasing Decisions?	ND Beef Commission
Alison Ward	AES & EXT	AES Animal Sciences	Eric Berg	\$ 24,000.00	Beef as a Healthy Alternative to High-sugar Diet During Pregnancy: Effects on Obesity and Diabetes in the Next Generation	ND Beef Commission
Gregory Endres	AES & EXT	AES Carrington Research/Extension Center	Lindy Berg Lesley Lubenow	\$ 2,000.00	Defoliation soybean response to Priaxor application	ND Soybean Council
Missy Berry	AES & EXT	AES Microbiological Sciences	Jane Schuh	\$ 20,000.00	Central States Center for Ag Safety & Health - Pilot/Feasibility Projects & Emerging Issues Program: Investigation into the Potential of Snow Molds to Cause Respiratory Disease	CDC / University of Nebraska-Omaha
Sheela Ramamoorthy	AES & EXT	AES Microbiological Sciences	Brett Webb	\$ 181,250.00	A Porcine Co-infection Model for Torque TenoVirus Infections	National Institutes of Health
Gary Secor	AES & EXT	AES Plant Pathology		\$ 8,592.00	Screening PepsiCo Potato Lines for Disease Resistance	PepsiCo. Inc.
Gideon Francois Marais	AES & EXT	AES Plant Sciences		\$ 52,530.00	Combining Key Resistance and Agrotype Genes for the Improvement of HRWW Germplasm	MN Wheat Research & Promotion Council
Md Mukhlesur Rahman	AES & EXT	AES Plant Sciences		\$ 18,000.00	Identification of Heat Stress Tolerant Genes in Flax	ND Crop Improvement & Seed Association
Senay Simsek	AES & EXT	AES Plant Sciences		\$ 14,000.00	2019 Hard Red Spring Wheat Regional Quality Survey	MN Wheat Research & Promotion Council
Qi Zhang	AES & EXT	AES Plant Sciences		\$ 13,412.00	Kentucky Bluegrass Fairway Establishment and Drought Tolerance under Plant Growth-promoting Microorganisms (PGPMs) Application	U.S. Golf Association Inc.

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Amitava Chatterjee	AES & EXT	AES School of Natural Resource Sciences		\$ 27,920.00	Nitrogen Losses Under Spring Wheat Production System in Minnesota	MN Wheat Research & Promotion Council
Andrew Thostenson	AES & EXT	Extension Agricultural & Natural Resources		\$ 19,800.00	Pesticide Safety Education Program, eXtension Foundation	EPA / eXtension Foundation
Julie Ann Garden-Robinson	AES & EXT	Extension Food & Nutrition		\$ 13,500.00	Good Agriculture Practices Education in North Dakota	ND Department of Agriculture
Lynette Flage	AES & EXT	Extension HD General		\$ 40,000.00	DHS - Parents Lead	ND Department of Human Services
Dominic Fischer	CAHSS	Architecture & Landscape Architecture	Matthew Kirkwood	\$ 10,000.00	BNSF Bismarck Missouri River Railroad Bridge: Bridge Repurposing Feasibility Study	Northern Plains Heritage Foundation
Nancy Hodur	CAHSS	Center for Social Research	Dean Bangsund	\$ 47,425.00	Economic Impact of the Theodore Roosevelt Presidential Museum and Library	Theodore Roosevelt Pres Library Fdtn
Nancy Hodur	CAHSS	Center for Social Research	Kendra Erickson-Dockter	\$ 60,000.00	ND Compass, a Resource for Organizations	Otto Bremer Foundation
Scott Smith	CENG	Electrical & Computer Engineering	Mark McCourt	\$ 150,444.00	Turning Visual Noise into Hardware Efficiency: Viewer-Aware Energy-Quality Adaptive Mobile Video Storage	NSF / University of South Alabama
Dilpreet Bajwa	CENG	Mechanical Engineering	Sreekala Bajwa Mohiuddin Quadir	\$ 235,180.00	Biobased Fire Retardant System for Thermoplastic Polymer Composites	National Institute of Standards and Technology
Chad Ulven	CENG	Mechanical Engineering		\$ 50,000.00	A New Design to Improve Life Expectancy of Total Ankle Replacement (TAR) - Phase II	ND Department of Commerce
Kelly Buettner-Schmidt	CHP	Nursing	Donald Miller Megan Orr	\$ 164,657.00	North Dakota Vape Stores and ENDS Refills: A Follow Up Study	ND Department of Health
Joel Hektner	CHDE	Human Development & Family Science		\$ 2,200.00	Evaluation of Imagine Thriving Suicide Prevention	ND Department of Health / Goetz Mental Wellness Initiative
Debra Habedank	Misc	Center for Child Development		\$ 474.69	USDA Child and Adult Care Food Program	USDA / ND Department of Public Instruction

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Jaclynn Walette	Misc	Multi-Cultural Programs		\$ 5,500.00	Louis Stokes STEM Pathways and Research Alliance: All Nations AMP (ANAMP) program	Salish Kootenai College
Jill Motschenbacher	Misc	Office of Teaching & Learning		\$ 50,324.00	IRES: Track I: USA-China: International Research Experience for Native American Students in IoT Enabled Environmental Monitoring Technology	NSF / University of South Alabama
Xuefeng Chu	Misc	Water Resources Institute		\$ 25,000.00	North Dakota Water Resources Research Institute Graduate Fellowship Program Support from ND State Water Commission	ND Water Commission
Sara Mwagura	Misc	Wellness Center		\$ 368.04	NDSU Wellness Center Child Care ND Food Program	USDA / ND Department of Public Instruction
Jeremy Straub	CSM	Computer Science		\$ 2,000.00	ND Space Grant Funding For SUAS Robotics	University of North Dakota
Dale Heglund	UGPTI	Upper Great Plains Transportation Institute		\$ 96,000.00	Statewide Local Technical Assistance Representative for 2019	ND Department of Transportation
Bradley Wentz	UGPTI	Upper Great Plains Transportation Institute		\$ 2,417.00	North Dakota MPO Planning Support Program Master Agreement	DOT / Bismarck-Mandan Metro. Planning Org.
Bradley Wentz	UGPTI	Upper Great Plains Transportation Institute		\$ 300,000.00	2019 Advanced Traffic Analysis Center	ND Department of Transportation
Bradley Wentz	UGPTI	Upper Great Plains Transportation Institute		\$ 556,373.00	2019 Department of Transportation Support Center (DOTSC)	ND Department of Transportation