

AWARD REPORT

October 2018

PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Xinhua Jia	AES & EXT	AES Agricultural & Biosystems Engineering	Chiwon Lee Thomas Scherer	\$81,753.00	Specialty Crop Block Grant Program - Farm Bill Activities: Automatic sensor controlled drip irrigation under mulches for tomato and watermelon productions	USDA / ND Department of Agriculture
Kathleen Wiederholt	AES & EXT	AES Carrington Research/Extension Center		\$71,588.00	Specialty Crop Block Grant Program - Farm Bill Activities: Investigating the Polyphenol Content of ND Grown Aronia Berries	USDA / ND Department of Agriculture
Shana Forster	AES & EXT	AES North Central Research/Extension Center	Eric Eriksmoen Michael Ostlie Thomas Stefaniak	\$54,925.00	Specialty Crop Block Grant Program - Farm Bill Activities: Evaluation and Enhancement of Dry Pea Protein Content	ND Department of Agriculture
Berlin Nelson	AES & EXT	AES Plant Pathology		\$66,000.00	Seedling Diseases of Soybean: Characterization and Education	United Soybean Board / Southern Illinois University Carbondale
Berlin Nelson	AES & EXT	AES Plant Pathology	Samuel Markell	\$148,715.00	Specialty Crop Block Grant Program - Farm Bill Activities	USDA / ND Department of Agriculture
Julie Pasche	AES & EXT	AES Plant Pathology		\$22,000.00	Assessing Interactions Among Fusarium Root Rot Pathogens of Pea	USA Dry Peas, Lentils & Chickpeas
Julie Pasche	AES & EXT	AES Plant Pathology	Samuel Markell Phillip McClean Juan Osorno	\$226,299.80	Specialty Crop Block Grant Program - Farm Bill Activities: Adult Plant Resistance: The next frontier in breeding for rust resistance in dry beans	USDA / ND Department of Agriculture
Guiping Yan	AES & EXT	AES Plant Pathology		\$104,862.00	Specialty Crop Block Grant Program - Farm Bill Activities: Evaluation of Host Resistance Responses for Control of Nematode Diseases in Field Pea	USDA / ND Department of Agriculture
Wenhao Dai	AES & EXT	AES Plant Sciences		\$67,240.00	Specialty Crop Block Grant Program - Farm Bill Activities: Improving Productivity and Quality of Selected Raspberry Cultivars in ND	USDA / ND Department of Agriculture
Clifford Hall	AES & EXT	AES Plant Sciences		\$29,400.00	Nutrient Analysis of Milled Pulses	USA Dry Peas, Lentils & Chickpeas
Clifford Hall	AES & EXT	AES Plant Sciences		\$30,000.00	Pulse Quality Support and Pulse Milling Research	USA Dry Peas, Lentils & Chickpeas

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Harlene Hatterman-Valenti	AES & EXT	AES Plant Sciences		\$96,720.00	Specialty Crop Block Grant Program - Farm Bill Activities: Combatting Drought via Supplement Irrigation in a Horticulture Setting	USDA / ND Department of Agriculture
Harlene Hatterman-Valenti	AES & EXT	AES Plant Sciences	Shana Forster	\$226,426.00	Specialty Crop Block Grant Program - Farm Bill Activities: Evaluation, Development, and Postharvest Treatments for Improved Quality of Cold Hardy Interspecific Grape Crosses	USDA / ND Department of Agriculture
Andrew Robinson	AES & EXT	AES Plant Sciences	Amitava Chatterjee Asunta Thompson	\$93,490.00	Specialty Crop Block Grant Program - Farm Bill Activities: Development of Best Management Practices and Nutrient Needs for New Potato Cultivars	USDA / ND Department of Agriculture
Kalidas Shetty	AES & EXT	AES Plant Sciences	Dipayan Sarkar	\$77,538.00	Specialty Crop Block Grant Program - Farm Bill Activities: Beneficial Microbiome-Based Improvement of Production and Quality of Microgreens	USDA / ND Department of Agriculture
Asunta Thompson	AES & EXT	AES Plant Sciences	Neil Gudmestad Harlene Hatterman-Valenti Andrew Robinson Gary Secor	\$175,454.00	Development of Multipurpose Potato Cultivars with Enhanced Quality, Disease, and Pest Resistance - North Central Program 2016	USDA / Michigan State University
Christina Hargiss	AES & EXT	AES School of Natural Resource Sciences	Jack Eugene Norland	\$27,411.00	Water Quality and Flow Baseline Monitoring for Red River Basin Commission	Natural Resources Conservation Service / Red River Basin Commission
Torre Hovick	AES & EXT	AES School of Natural Resource Sciences	Benjamin Geaumont Jason Harmon Ryan Limb Michael Ostlie John Rickertsen	\$127,085.00	Specialty Crop Block Grant Program - Farm Bill Activities: Enhancing dry bean with adjacent pollinator habitats: Quantifying the range and extend of benefits	USDA / ND Department of Agriculture
Daryl Ritchison	AES & EXT	AES School of Natural Resource Sciences		\$180,000.00	National Mesonet Program Prime Contract	NOAA / Synoptic Data Corp.

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Kevin Sedivec	AES & EXT	AES School of Natural Resource Sciences		\$24,951.00	Natural Resource Data Acquisition, Integrated Pest Management, and Range and Forest Management on North Dakota Army National Guard Lands in 2018-2019	ND National Guard
Tyler Tjelde	AES & EXT	AES Williston Research/Extension Center		\$20,485.00	Sugar beet Research	Montana-Dakota Beet Growers Association
Abbey Wick	AES & EXT	Ext School of Natural Resource Sciences		\$30,000.00	Define Wheat Response to Salinity/Soil Health	ND Wheat Commission
Meagan Scott	AES & EXT	Extension Center for 4-H Youth Dev		\$110,873.00	Protecting the Homestead: Opioid Misuse Prevention in the Dakotas	USDA / South Dakota State University
Lynette Flage	AES & EXT	Extension Center for Community Vitality		\$205,000.00	Bush Foundation Ecosystem Grant	Bush Foundation
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition		\$10,000.00	Healthwise for Guys and Women	CDC / ND Department of Health
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition		\$60,000.00	Expanding the Capacity for Child Obesity Prevention in ND	HRSA / ND Department of Health
Nicole Johnson	AES & EXT	Extension Food & Nutrition		\$100,000.00	National Diabetes Prevention Program	CDC / ND Department of Health
Lisa Christenson	CAFSNR	Animal Sciences	Carolyn Hammer Sarah Wagner	\$40,000.00	Implementation of Portable Large Animal Digital Radiography within Animal Sciences, Equine Sciences, and Veterinary Technology	NDSU Foundation Alumni & Association
Mark Jirik	CAFSNR	Northern Crops Institute		\$35,000.00	High Oleic Soybean Oil Course	MN Soybean Research & Promotion Council
Mark Jirik	CAFSNR	Northern Crops Institute		\$36,500.00	Soy Based Texturized Protein and Meat Analog Course	MN Soybean Research & Promotion Council
Zhisheng Liu	CAFSNR	Northern Crops Institute		\$77,500.00	Development and Evaluation of Whole Soybean Based Foods Produced from High Oleic Soybean Varieties	MN Soybean Research & Promotion Council
Nancy Hodur	CAHSS	Center for Social Research		\$20,000.00	Program Evaluation of the North Dakota Oral Health Program	HRSA / ND Department of Health

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Nancy Hodur	CAHSS	Center for Social Research		\$33,854.00	Economic Effects of Medicaid Expansion in North Dakota	ND Hospital Foundation
Angela Price	CAHSS	Performing Arts		\$47,008.00	Development Foundation Impact Grant	NDSU Foundation Alumni & Association
Roger Green	CENG	Electrical & Computer Engineering	Thomas Carlson Robert Gordon Christine McGeorge	\$12,859.00	Clemson TIGERS ADVANCE; Transforming the Institution through Gender Equality, Retention, and Support	NSF / Clemson University
Danling Wang	CENG	Electrical & Computer Engineering		\$24,493.00	Investigating on New Functional Semiconducting Nanomaterial, K2W7O22 for Application in Chemiresistive Gas Sensors	NASA / University of North Dakota
Jordi Estevadeordal	CENG	Mechanical Engineering	Yildirim Suzen	\$34,998.00	Advanced Velocimetry Studies for Supersonic Wind Tunnel Research at NASA	NASA / University of North Dakota
Kyle Hackney	CHDE	Health, Nutrition & Exercise Sciences	Sherri Stastny Kara Trautman	\$13,575.00	Low Intensity Exercise and Blended Protein Supplementation as a Strategy for Rapid Muscle Growth and Strength Gain in Astronaut Aged- Participants	NASA / University of North Dakota
Kristine Steffen	CHP	Pharmaceutical Sciences		\$113,001.00	Alcohol Related Impairment and Reinforcement after Gastric Bariatric Surgery	NIH / Sanford Research North
Sathish Venkatachalem	CHP	Pharmaceutical Sciences		\$16,052.00	Dakota Cancer Collaborative on Translational Activity	NIH / University of North Dakota
Paul Carson	CHP	Public Health		\$140,967.00	AR/AMS Expert Position	CDC / ND Department of Health
Abby Gold	CHP	Public Health	Andrea Huseh-Zosel Mark Strand	\$40,000.00	Maternal and Child Health and Human Services	CDC / ND Department of Health
Dean Webster	CSM	Coatings & Polymeric Materials		\$62,664.00	High Oleic Soybean Oil Industrial Uses and Properties	United Soybean Board / Ford Motor Company
Benjamin Laabs	CSM	Geosciences		\$20,597.00	Experimental Program to Simulate Competitive Research - A proposal for expanding NASA relevant research infrastructure and capabilities in ND	NASA / University of North Dakota

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Mark McCourt	CSM	Psychology		\$17,400.00	Great Plains IDeA-CTR	NIH / University of Nebraska Medical Center
Maria-Claudia Tomany	GRAD	Graduate School		\$51,000.00	Graduate Research Fellowship Program	National Science Foundation
Debra Habedank	Misc	Center for Child Development		\$584.68	USDA Child and Adult Care Food Program	USDA / ND Department of Public Instruction
Adam Elznic	Misc	Library	Benjamin Bernard	\$56,020.00	NDSU Library: Expanding Student Access to Laser Cutters	NDSU Foundation Alumni & Association
Benjamin Shapiro	Misc	TRIO		\$40,000.00	Upward Bound Project	Department of Education
Brandie Dixon	Misc	University Police & Safety Office		\$1,110.00	Traffic Safety Enforcement	DOT / ND Department of Transportation
Sara Mwagura	Misc	Wellness Center		\$1,123.41	NDSU Wellness Center Child Care ND Food Program	USDA / ND Department of Public Instruction
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute		\$57,420.00	ND Traffic Safety: Occupant Protection Surveys	National Highway Traffic Safety Administration / ND Department of Transportation
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute	Brenda Lantz	\$10,680.00	NDHP Commercial Vehicle Safety Plant Review and Truck Crash Analysis	Federal Motor Carrier Safety Administration / ND Highway Patrol
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute		\$35,000.00	ND Wheat Commission Transportation Research	ND Wheat Commission
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute		\$77,770.00	Assessment and Empirical Support for Behavioral Programs in ND Traffic Safety	National Highway Traffic Safety Administration / ND Department of Transportation