

## AWARD REPORT

May 2018 | June 2018 | July 2018

PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Saleem Shaik	AES & EXT	AES Agribusiness & Applied Economics	☐	\$ 45,000.00	CAPTS Support	ND Farmers' Union
Xinhua Jia	AES & EXT	AES Agricultural & Biosystems Engineering	☐	\$ 40,007.00	Managing Water for Increased Resiliency of Drained Agricultural Landscapes	Purdue University
Shafiqur Rahman	AES & EXT	AES Agricultural & Biosystems Engineering	☐	\$ 7,460.00	Odor Reduction and Green Energy Production from Livestock Manure and Other Wastes	NDSU Foundation & Alumni Association
Eric Berg	AES & EXT	AES Animal Science	☐	\$ 15,000.70	Acquisition of Goods and Services	Agriculture Research Service
Matthew Crouse	AES & EXT	AES Animal Science	☐	\$ 95,000.00	Maternal Nutrition, Epigenetic Modification, And Programming of Fetal Liver, Muscle, and Cerebrum in Beef Cattle	USDA-NIFA
Anna Grazul-Bilska	AES & EXT	AES Animal Science	☐	\$ 4,102.00	Request for Microscope Camera Upgrade	NDSU Foundation & Alumni Association
Lauren Hulsman Hanna	AES & EXT	AES Animal Science	☐	\$ 5,000.00	Walton-Berry Graduate Student Support Grant Application	American Simmental Association
Kendall Swanson	AES & EXT	AES Animal Science	☐	\$ 4,000.00	Effect of Dietary Supplement Source on Fiber Digestion, in vitro Methane Production, and Energetic Efficiency from Alfalfa-based Diets for Cattle	NDSU Foundation & Alumni Association
Kelly Cooper	AES & EXT	AES Carrington Research/Extension Center	☐	\$ 10,000.00	Flood Tolerance Screening of Sunflower	Agriculture Research Service
Michael Ostlie	AES & EXT	AES Carrington Research/Extension Center	☐	\$ 10,134.50	Optimizing Barley Quality Across Variable Terrain	ND Barley Council
Michael Ostlie	AES & EXT	AES Carrington Research/Extension Center	Janet Knodel	\$ 11,100.00	Insect Pollinator Effect on Flax Yield	AmeriFlax
Michael Ostlie	AES & EXT	AES Carrington Research/Extension Center	☐	\$ 1,200.00	Corn Harvester Acquisition	ND Corn Utilization Council
Michael Ostlie	AES & EXT	AES Carrington Research/Extension Center	☐	\$ 6,112.00	PPC Foliar Efficacy on Flea Beetle in Canola	Monsanto Co.
Michael Ostlie	AES & EXT	AES Carrington Research/Extension Center	☐	\$ 7,421.00	BioDirect™Foliar Efficacy - Trigger Selection - Spring	Monsanto Co.
Michael Ostlie	AES & EXT	AES Carrington Research/Extension Center	☐	\$ 8,097.00	BioDirect™Foliar Efficacy - Trigger Selection - Summer	Monsanto Co.
Blaine Schatz	AES & EXT	AES Carrington Research/Extension Center	Paulo Flores	\$ 8,660.00	Influence of Harvest Management Strategies on Flax Yield and Quality	AmeriFlax

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Jasper Teboh	AES & EXT	AES Carrington Research/Extension Center	☒	\$ 10,080.00	Yield Response to Neptunion and Cybelion as Test Products to Enhance Drought Stress Tolerance, and Immunity, Respectively on Canola	PlantResponse Biotech, S.L.
Jasper Teboh	AES & EXT	AES Carrington Research/Extension Center	Szilvia Yuja	\$ 11,088.00	Evaluation of Zn Availability from Various Zn Source and Effect of Top Dressing of (AS+ZnSO4) on Corn Grain Yield	AdvanSix
Jasper Teboh	AES & EXT	AES Carrington Research/Extension Center	Ezra Aberle Michael Ostlie Szilvia Yuja	\$ 6,154.00	Effect of Sulfur on Barley Yield, Protein, Malt Extract, Quality, and Crop Response to Nitrogen	ND Barley Council
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	☒	\$ 18,000.00	Minor Use Pesticide Fund Grant Program	ND Department of Agriculture
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Julie Pasche	\$ 20,000.00	Minor Use Pesticide Fund Grant Program	ND Department of Agriculture
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Julie Pasche	\$ 12,000.00	Minor Use Pesticide Fund Grant Program	ND Department of Agriculture
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Julie Pasche	\$ 10,000.00	Minor Use Pesticide Fund Grant Program	ND Department of Agriculture
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	☒	\$ 67,994.00	Evaluation of Foliar Fungicides in Legumes and Canola for Control of Sclerotinia and Foliar Diseases	BASF Corporation
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	☒	\$ 6,000.00	Evaluation of S-2105 for Efficacy Against Ascochyta Blight	Valent
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Julie Pasche John Rickertsen	\$ 12,568.00	Management of Root Rots of Field Peas with Crop Rotation	Northern Pulse Growers Association
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Julie Pasche	\$ 9,000.00	Seed-borne Bacterial Blight of Field Peas: Impact Assessment and Management	Northern Pulse Growers Association
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Julie Pasche	\$ 8,440.00	Impact of Planting Date on Fusarium Root Rot of Field Pea	Northern Pulse Growers Association
Ryan Buetow	AES & EXT	AES Dickinson Research/Extension Center	Glenn Martin	\$ 12,249.00	Crop Rotation, Fertilizer, and Fungicide Application Impacts on Two Row Barley Diseases, Yield, and Quality in Southwest North Dakota	ND Barley Council
Venkata Chapara	AES & EXT	AES Langdon Research/Extension Center	☒	\$ 15,889.00	Evaluation of Various Chemicals, Cruciferous Hosts and Canola Cultivars to Manage Clubroot on Canola in Field Condition	Northern Canola Growers Association

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Venkata Chapara	AES & EXT	AES Langdon Research/Extension Center	Michael Wunsch	\$ 15,000.00	Minor Use Pesticide Fund Grant Program	ND Department of Agriculture
Venkata Chapara	AES & EXT	AES Langdon Research/Extension Center	☒	\$ 6,073.00	Evaluate ADEPIDYN Formulations for Control of Sclerotinia in Lentils	Syngenta Canada
Brian Jenks	AES & EXT	AES North Central Research/Extension Center	☒	\$ 10,000.00	Minor Use Pesticide Fund Grant Program	ND Department of Agriculture
Brian Jenks	AES & EXT	AES North Central Research/Extension Center	☒	\$ 5,000.00	Crop Tolerance to Fall-applied Herbicides	Northern Pulse Growers Association
Robert Brueggeman	AES & EXT	AES Plant Pathology	☒	\$ 23,677.00	Managing Diseases that Impact Malting Barley	American Malting Barley Association
Robert Brueggeman	AES & EXT	AES Plant Pathology	☒	\$ 25,000.00	Net Blotch of Barley, Identification and Characterization of Host Resistance Genes and the Interacting Pathogen Effectors	ND Barley Council
Robert Brueggeman	AES & EXT	AES Plant Pathology	☒	\$ 21,753.60	Acquisition of Goods and Services	Agriculture Research Service
Robert Brueggeman	AES & EXT	AES Plant Pathology	☒	\$ 100,000.00	A Resistance and Susceptibility Gene Cluster in Barley is Targeted by Diverse Pyrenophora teres f. teres Effectors	National Science Foundation
Robert Brueggeman	AES & EXT	AES Plant Pathology	☒	\$ 45,504.00	Identification of Sclerotinia Sclerotiorum Virulence Determinates Relevant to Infection of Multiple Host Plants by Association Mapping	Agriculture Research Service
Robert Brueggeman	AES & EXT	AES Plant Pathology	☒	\$ 20,000.00	GWS to Develop ND Elite Malting Barley with Disease Resistance Package Including Ug99 Resistance	Agriculture Research Service
Luis E Del Rio Mendoza	AES & EXT	AES Plant Pathology	☒	\$ 43,691.00	Characterization and Transfer of Blackleg Resistance Present in Elite Brassica Napus Plant Introductions to Modern Canola Breeding Lines	Northern Canola Growers Association
Andrew Friskop	AES & EXT	AES Plant Pathology	Janet Knodel	\$ 8,677.00	2018 Corn Commodity Survey in North Dakota	ND Department of Agriculture
Andrew Friskop	AES & EXT	AES Plant Pathology	☒	\$ 12,852.00	DAS TEA #2016.0287-DOW Agro Sciences	Dow AgroSciences
Andrew Friskop	AES & EXT	AES Plant Pathology	☒	\$ 10,400.00	Evaluation of EXP 6061071F in Small Grains for Control of Stripe Rust as Outline in Protocol SEL-F-2018-ZX-39G-A	BASF Corporation

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Neil Gudmestad	AES & EXT	AES Plant Pathology	☐	\$ 175,779.00	Biological and Economic Impacts of Emerging Potato Tuber Necrotic Viruses and the Development of Comprehensive and Sustainable Management Practices	Cornell University
Neil Gudmestad	AES & EXT	AES Plant Pathology	Guiping Yan	\$ 39,167.00	Biological and Economic Impacts of Emerging Potato Tuber Necrotic Viruses and the Development of Comprehensive and Sustainable Management Practices	Cornell University
Neil Gudmestad	AES & EXT	AES Plant Pathology	☐	\$ 12,503.00	TSA - Ability of Exogenous Compounds to Inhibit Spore Germination of Representative Fungal Potato Pathogens	GreenLight Biosciences, Inc.
Janet Knodel	AES & EXT	AES Plant Pathology	☐	\$ 9,500.00	2018 Wheat Pest Survey in North Dakota	ND Department of Agriculture
Zhaohui Liu	AES & EXT	AES Plant Pathology	☐	\$ 4,836.00	Genetic Analysis of Resistance to Bacterial Leaf Streak in Barley	American Malting Barley Association
Samuel Markell	AES & EXT	AES Plant Pathology	☐	\$ 47,746.00	OXTP Baseline Development	Syngenta Crop Protection Inc.
Samuel Markell	AES & EXT	AES Plant Pathology	☐	\$ 9,364.00	Improving Stalk Rot Phenotyping by Evaluation of Environment, Pathogen, and Host Factors for S Sclerotiorum Infection in Sunflower Disease Nurseries	Agriculture Research Service
Samuel Markell	AES & EXT	AES Plant Pathology	☐	\$ 2,520.00	Evaluate Efficacy of Fungicides on Economically Important Diseases in North Dakota Crops	Monsanto Co.
Samuel Markell	AES & EXT	AES Plant Pathology	☐	\$ 775.00	Service Order No. 02052018	Syngenta Crop Protection Inc.
Samuel Markell	AES & EXT	AES Plant Pathology	☐	\$ 9,009.00	Evaluate Efficacy of Fungicides on Economically Important Diseases in North Dakota Crops	BASF Corporation
Berlin Nelson	AES & EXT	AES Plant Pathology	Juan Osorno	\$ 29,260.00	Soybean Cyst Nematode Resistance in Dry Bean Cultivars and Breeding Material	Northarvest Bean Growers Association
Julie Pasche	AES & EXT	AES Plant Pathology	☐	\$ 19,480.00	Importance of Crop Residue in Field Pea Root Rot Development	Northern Pulse Growers Association
Julie Pasche	AES & EXT	AES Plant Pathology	☐	\$ 19,106.00	Sequencing Aphanomyces Euteiches to Advance Resistance Breeding	Northern Pulse Growers Association

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Gary Secor	AES & EXT	AES Plant Pathology	☒	\$ 79,715.00	Molecular Strategies for Cercospora Leaf Spot Management	Agriculture Research Service
Gary Secor	AES & EXT	AES Plant Pathology	☒	\$ 33,000.00	Assess Resistance and Susceptibility of Commercial Potato Varieties Under Early Blight Pressure with and without Fungicides	J.R. Simplot Company
Marisol Berti	AES & EXT	AES Plant Science	☒	\$ 20,000.00	Evaluation of Ecosystem Services Provided by Camelina Sativa as a Cover Crop for Northern Climates	Agriculture Research Service
Marisol Berti	AES & EXT	AES Plant Science	Burton Johnson Herman Kandel John Nowatzki David Ripplinger Joel Ransom David Franzen Fikri Akyuz Abbey Wick	\$ 795,680.00	A Novel Management Approach to Increase Productivity, Resilience, and Long-term Sustainability in Cropping Systems in the Midwest	USDA-NIFA
Marisol Berti	AES & EXT	AES Plant Science	☒	\$ 27,826.00	Managing Soybean Cyst Nematode (SCN) Population	MN Soybean Research & Promotion Council
Xiwen Cai	AES & EXT	AES Plant Science	☒	\$ 98,640.00	QTL Mapping of Sclerotinia Basal Stalk Rot Resistance Derived from Sunflower Wild Species	Agriculture Research Service
Andrew Green	AES & EXT	AES Plant Science	☒	\$ 1,869,700.00	Development of Hard White Specialty Spring Wheat Breeding Program	Ardent Mills
Clifford Hall	AES & EXT	AES Plant Science	☒	\$ 14,180.00	Pulse Quality Support and Pulse Milling Research	Northern Pulse Growers Association
Richard Horsley	AES & EXT	AES Plant Science	☒	\$ 76,239.00	Breeding and Genetics of Six- and Two-rowed Malting Barley	American Malting Barley Association
Richard Horsley	AES & EXT	AES Plant Science	☒	\$ 82,000.00	Development of Two-Rowed Malting Barley Cultivars for North Dakota	ND Barley Council
Richard Horsley	AES & EXT	AES Plant Science	☒	\$ 20,620.60	Acquisition of Goods and Services	Agriculture Research Service
Richard Horsley	AES & EXT	AES Plant Science	☒	\$ 41,241.20	Acquisition of Goods and Services	Agriculture Research Service
Richard Horsley	AES & EXT	AES Plant Science	☒	\$ 5,445.00	Acquisition of Goods and Services	Agriculture Research Service

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Phillip McClean	AES & EXT	AES Plant Science	☒	\$ 137,558.00	An Integrated Program to Accelerate Breeding of Resilient, More Productive Beans for Smallholder Farmers	Pennsylvania State University
Md Mukhlesur Rahman	AES & EXT	AES Plant Science	☒	\$ 15,000.00	Flax Breeding for Increasing Yield and Oil Per Acre	AmeriFlax
Joel Ransom	AES & EXT	AES Plant Science	☒	\$ 9,100.00	Evaluation of Urease and Nitrification Inhibitors in Corn Production	Koch Agronomic Services, LLC
Andrew Robinson	AES & EXT	AES Plant Science	☒	\$ 8,820.00	Simplot Innate Test	J.R. Simplot Company
Paul Schwarz	AES & EXT	AES Plant Science	☒	\$ 11,198.00	Characterization of Trichothecene Mycotoxin Development during the Malting of Fusarium Infected Barley and other Grains	American Society of Brewing Chemists
Devin Wirth	AES & EXT	AES Plant Science	☒	\$ 6,300.00	Harness MAX PRE to Corn and Weeds	Monsanto Co.
Mark Boetel	AES & EXT	AES School of Natural Resource Sciences	☒	\$ 4,455.00	Acquisition of Goods and Services	Agriculture Research Service
Francis Casey	AES & EXT	AES School of Natural Resource Sciences	☒	\$ 13,000.00	Research Support Agreement (RSA)	Agriculture Research Service
Francis Casey	AES & EXT	AES School of Natural Resource Sciences	☒	\$ 12,000.00	Airborne Transmission of Antimicrobial Resistant Bacteria and Genes, and Antibiotic Residues from Concentrated Beef Operations	Agriculture Research Service
Thomas DeSutter	AES & EXT	AES School of Natural Resource Sciences	Francis Casey Abbey Wick	\$ 307,612.00	Improving Soil Health and Productivity of Remediated Oil-spill Phase II	Tesoro Logistics Operations, LLC
Christina Hargiss	AES & EXT	AES School of Natural Resource Sciences	Jack Norland	\$ 37,774.00	Understanding E.coli and Soil Forming Factors at the Fargo Project	City Of Fargo
David Rider	AES & EXT	AES School of Natural Resource Sciences	☒	\$ 12,655.00	Exotic Wood Borer Survey and Identification and Exotic Moth Trap Identification	ND Department of Agriculture
Deirdre Voldseth	AES & EXT	AES School of Natural Resource Sciences	☒	\$ 40,000.00	ND FY 18 Grape Commodity Survey Farm Bill	Animal and Plant Health Inspection Ser.
Peter Bergholz	AES & EXT	AES Veterinary & Microbiological Sciences	☒	\$ 112,037.00	CAREER: Differentiating Mechanisms of Ecological Divergence in Sympatric Microbial Populations using an Integrated Population Genomics Approach	National Science Foundation

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Sheela Ramamoorthy	AES & EXT	AES Veterinary & Microbiological Sciences	Brett Webb	\$ 343,200.00	First Response Vaccines for Emergency Preparedness	USDA-NIFA
Brett Webb	AES & EXT	AES Veterinary Diagnostic Service Department	☒	\$ 37,800.00	Vet-LIRN Cooperative Agreement	Food and Drug Administration
Brett Webb	AES & EXT	AES Veterinary Diagnostic Service Department	☒	\$ 137,000.00	ND FY 18 Level 2 Member Lab Agreement	Animal and Plant Health Inspection Ser.
Audrey Kalil	AES & EXT	AES Williston Research/Extension Center	Julie Pasche Janet Knodel Travis Prochaska	\$ 35,362.00	North Dakota Disease and Insect Pest Early Warning System for Lentils, Chickpea and Field Pea	Northern Pulse Growers Association
Audrey Kalil	AES & EXT	AES Williston Research/Extension Center	☒	\$ 5,035.00	Survey of Native Rhizobia to Improve Nodulation and Nitrogen Fixation in Chickpea	Northern Pulse Growers Association
David Ripplinger	AES & EXT	Extension Agribusiness & Applied Economics	☒	\$ 12,920.00	Cattail Harvest Program	Red River Basin Commission
Andrew Thostenson	AES & EXT	Extension Agricultural & Natural Resources	☒	\$ 20,000.00	Administration and Enhancement of Pesticide Application Training Certification	Environmental Protection Agency
Lindsey Leker	AES & EXT	Extension Center for 4-H Youth Development	☒	\$ 19,000.00	4-H Tech Changemaker	National 4-H Council
Marie Hvidsten	AES & EXT	Extension Center for Community Vitality	☒	\$ 10,000.00	Rural Leadership North Dakota	CHS Foundation
Jane Strommen	AES & EXT	Extension Child Development & Family Science	☒	\$ 98,301.00	Powerful Tools for Caregivers	ND Department of Human Services
Jane Strommen	AES & EXT	Extension Child Development & Family Science	☒	\$ 5,000.00	Powerful Tools for Caregivers	ND Department of Human Services
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☒	\$ 12,000.00	Building Capacity for Better Health in Western North Dakota	ND Department of Health
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☒	\$ 250.00	Eat Smart. Play Hard.	Northern Plains Potato Growers Assn
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☒	\$ 2,500.00	Eat Smart. Play Hard.	Northern Pulse Growers Association
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☒	\$ 2,500.00	Eat Smart. Play Hard 2018-19	ND Department of Public Instruction
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☒	\$ 2,000.00	Eat Smart. Play Hard.	ND Beef Commission

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Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☐	\$ 1,000.00	Eat Smart. Play Hard.	ND Wheat Commission
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☐	\$ 500.00	Eat Smart. Play Hard 2018	ND School Nutrition Association
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☐	\$ 1,000.00	Eat Smart. Play Hard.	Northarvest Bean Growers Association
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition	☐	\$ 10,000.00	On the Move to Better Health	National 4-H Council
Gregory Lardy	AES & EXT	Extension Plant Science	☐	\$ 342,320.00	Joint Specialist Positions with University of MN and Admn. Secretary	University of Minnesota
Rodney Lym	AES & EXT	Extension Plant Science	☐	\$ 24,500.00	Noxious and Invasive Species Identification Publication	ND Department of Agriculture
Kevin Sedivec	AES & EXT	Extension School of Natural Resource Sciences	Miranda Meehan	\$ 10,800.00	Symposium: What do we know about trigger points (as it relates to predictability) in rangeland plants impacted by drought-finding knowledge gap to improve extension program planning and outreach	South Dakota State University
Erika Berg	CAFSNR	Animal Science	Lisa Christenson Marc Bauer	\$ 1,000.00	Animal Digestive Models	NDSU Foundation & Alumni Association
Mark Jirik	CAFSNR	Northern Crops Institute	☐	\$ 50,000.00	NCI General Support	ND Wheat Commission
Mark Jirik	CAFSNR	Northern Crops Institute	☐	\$ 10,500.00	NCI-INTSOY Education Course 2018	ND Soybean Council
Mark Jirik	CAFSNR	Northern Crops Institute	☐	\$ 35,000.00	High Oleic Soybean Oil Course	ND Soybean Council
Zhisheng Liu	CAFSNR	Northern Crops Institute	☐	\$ 24,250.00	Investigation of Soymilk Quality Made from Triple-Null Soybean Variety	MN Soybean Research & Promotion Council
Dominic Fischer	CAHSS	Architecture & Landscape Architecture	Matthew Kirkwood Yang Song	\$ 8,705.00	Columbarium and Cemetery Expansion Master Plan Concepts	ND National Guard
Matthew Kirkwood	CAHSS	Architecture & Landscape Architecture	Yang Song	\$ 901.00	Dakota Trail Planning and Evaluation Study	ND Parks & Recreation
Malini Srivastava	CAHSS	Architecture & Landscape Architecture	☐	\$ 49,984.00	EFargo 2018-2019	ND Department of Commerce
Nancy Hodur	CAHSS	Center for Social Research	☐	\$ 89,185.00	Pregnancy Risk Assessment Monitoring System	ND Department of Health
Nancy Hodur	CAHSS	Center for Social Research	☐	\$ 27,125.00	Pregnancy Risk Assessment Monitoring System	ND Department of Health
Robert Mejia	CAHSS	Communication	☐	\$ 3,647.00	Online Harassment and Bullying Intervention Programing	FM Area Foundation



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Melissa Vosen Callens	CAHSS	Communication	Kelly Cameron Ann Burnett	\$ 3,150.00	Increasing STEM Participation in Women's Week: Louise Erdrich Speaking Event	NDSU Foundation & Alumni Association
Andrew Myer	CAHSS	Criminal Justice & Political Science	☐	\$ 17,406.00	Process and Outcome Evaluation of Fargo Centre Inc, Facilities	Centre, Inc
Andrew Myer	CAHSS	Criminal Justice & Political Science	Kevin Thompson	\$ 24,500.00	A Study of Federal Absconson and Revocation: Patterns and Rates	U.S. Courts
Kelly Sassi	CAHSS	English	☐	\$ 4,730.00	Video Game Design Workshop at Turtle Mountain	Alliance for Young Artists and Writers
Kelly Sassi	CAHSS	English	☐	\$ 82,000.00	2018-2019 Year 3 i3 Scale-up C3WP Professional Development (Grades 7-12) and Advanced Institute for Upper Elementary at Belcourt and Dunseith	National Writing Project
Tyler Wottrich	CAHSS	Music	☐	\$ 5,000.00	NDSU Chamber Music Festival Centennial Application 2018	NDSU Foundation & Alumni Association
Ying Huang	CENG	Civil & Environmental Engineering	☐	\$ 500,000.00	CAREER: Intelligent Corrosion Mitigation Supporting System of Steel Structures with Instrumental Duplex Coating	National Science Foundation
Yao Yu	CENG	Construction Management & Engineering	☐	\$ 2,000.00	Energy Simulation for Steve and Jeannette Ambrose Home	Meadowlark
Dong Cao	CENG	Electrical & Computer Engineering	☐	\$ 45,000.00	High Power High Efficiency Variable Voltage Converter	Ford Motor Company
Na Gong	CENG	Electrical & Computer Engineering	☐	\$ 300,000.00	SHF: Small: Turning Visual Noise into Hardware Efficiency: Viewer-aware Energy-quality Adaptive Mobile Video Storage	National Science Foundation
Rajesh Kavasseri	CENG	Electrical & Computer Engineering	☐	\$ 17,500.00	Student Support for the 50th North American Power Symposium (NAPS), to be held in Fargo, ND September 9-11, 2018	National Science Foundation
Samee Khan	CENG	Electrical & Computer Engineering	☐	\$ 167,143.00	IPA - Intergovernmental Personal Act	National Science Foundation
Matthew Noah	CENG	Electrical & Computer Engineering	☐	\$ 21,000.00	COE-CSCC Myriad R&D, Integration, Testing	Myriad Mobile
Danling Wang	CENG	Electrical & Computer Engineering	☐	\$ 5,000.00	Novel Nanomaterial based Breath Sensor in Application of Diabetes Related Fat-loss Program and Weight Control	NDSU Foundation & Alumni Association

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Di Wu	CENG	Electrical & Computer Engineering	☐	\$ 1,000.00	A Study of Optimal Power Outputs of Renewable Energy Generators in Weak Power Grids	NDSU Foundation & Alumni Association
Qifeng Zhang	CENG	Electrical & Computer Engineering	☐	\$ 1,000.00	The Development of a Portable Laboratory to Integrate Demonstrations into the Classroom of Circuit Analysis Courses	NDSU Foundation & Alumni Association
Alan Kallmeyer	CENG	Mechanical Engineering	☐	\$ 1,000.00	Bison BEST Robotics Competition	NDSU Foundation & Alumni Association
Xiangfa Wu	CENG	Mechanical Engineering	☐	\$ 262,641.00	DOE-EERE: Low-pressure Electrolytic Ammonia Production	University of North Dakota
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 12,231.00	Graduate Assistant at Essentia Health - Ben Marcus	Essentia Health
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 10,300.00	Graduate Assistant at Valley City State University - Danica Tarabanovic	Valley City State University
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 10,300.00	Graduate Assistant at Valley City State University - Rachel Reichel	Valley City State University
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 9,270.00	Graduate Assistant at Minnesota State University Moorhead - Kaitlyn Skaro	Minnesota State University, Moorhead
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 9,270.00	Graduate Assistant at Minnesota State University Moorhead - Chris Dimino	Minnesota State University, Moorhead
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 11,330.00	Graduate Assistant at Concordia College - Courtney Anderson	Concordia College
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 11,330.00	Graduate Assistant at Concordia College - Jenna Treloar	Concordia College
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 11,330.00	Graduate Assistant at Concordia College - Adam Estabrooks	Concordia College
Kara Gange	CHDE	Health, Nutrition & Exercise Science	☐	\$ 644.00	Graduate Assistant at Essentia Health - Ben Marcus	Essentia Health
Kyle Hackney	CHDE	Health, Nutrition & Exercise Science	☐	\$ 986.00	Applying the Critical Velocity Model for a Load Carriage Training Program	Northland Amer College of Sports Medicin
Kyle Hackney	CHDE	Health, Nutrition & Exercise Science	☐	\$ 2,996.92	Measurement of Muscle Oxygen for Exercise Science Teaching and Research	NDSU Foundation & Alumni Association
Brandy Randall	CHDE	Human Development & Family Science	Molly Secor-Turner	\$ 250,000.00	PREP: Making Healthy Choices	Administration for Children and Families

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Gregory Sanders	CHDE	Human Development & Family Science	☐	\$ 28,416.00	Path North Dakota Research	PATH North Dakota Inc.
Mari Borr	CHDE	School of Education	Adam Marx	\$ 32,000.00	North Dakota Department of Career and Technical Education Program Enhancement Project	ND Dept. of Career & Technical Education
Mari Borr	CHDE	School of Education	☐	\$ 10,000.00	FACS Summer PD 2018	ND Dept. of Career & Technical Education
Stacy Duffield	CHDE	School of Education	☐	\$ 1,600.00	Teacher Preparation Common Metrics: Partnership with Wayne State University	Wayne State College
Charles Peterson	CHP	Deans Office, Health Professions	☐	\$ 67,633.00	Sanford Physician Services	Sanford Health
Kelly Buettner-Schmidt	CHP	Nursing	☐	\$ 8,142.00	E-liquid and Nicotine: Public Health Implications	ND Department of Health
Dean Gross	CHP	Nursing	☐	\$ 10,000.00	The Jonas Center for Nursing Excellence Scholars Program 2018-2020	Jonas Philanthropies, Inc
Yagna Jarajapu	CHP	Pharmaceutical Science	☐	\$ 253,750.00	Targeting Mas Receptor for Diabetic Vascular Disease in Older Adults	National Institutes of Health
Sanku Mallik	CHP	Pharmaceutical Science	Katie Reindl D K Srivastava Guodong Liu Estelle Leclerc	\$ 209,579.00	Center for Diagnostic & Therapeutic Strategies in Pancreatic Cancer	National Institutes of Health
Jagdish Singh	CHP	Pharmaceutical Science	☐	\$ 376,875.00	Brain Neurotropic Growth Factor Delivery to Prevent and Treat Alzheimer's Disease	National Institutes of Health
Sathish Venkatachalem	CHP	Pharmaceutical Science	☐	\$ 340,947.00	Estrogen Receptor Signaling in Airway Inflammation	National Institutes of Health
Jeanne Frenzel	CHP	Pharmacy Practice	☐	\$ 3,000.00	Use of Telepharmacy and Telehealth Technology to Prepare Pharmacy Students to Deliver Health Care to Distant Populations	National Assn of Board of Pharmacies
Mark Strand	CHP	Pharmacy Practice	☐	\$ 15,000.00	Community Pharmacy Opioid Misuse Risk Prevention Toolkit Project	Alex Stern Family Foundaton
Mark Strand	CHP	Pharmacy Practice	☐	\$ 19,000.00	Community Pharmacy Opioid Misuse Risk Prevention Toolkit Project	Blue Cross & Blue Shield of ND
Amy Werremeyer	CHP	Pharmacy Practice	☐	\$ 1,095.00	ECHO (Project Extension of Community Healthcare Outcomes)	University of North Dakota

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PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Melanie Nadeau	CHP	Public Health	☐	\$ 10,000.00	Turtle Mountain Opiate Addiction Evaluation	Turtle Mountain Band of Chippewa
Pearl Walker	CHP	Public Health	☐	\$ 261,286.00	INBRE Subcontract	University of North Dakota
Julia Bowsher	CSM	Biological Science	☐	\$ 4,970.00	Stress and Aging in Solitary Bees	NDSU Foundation & Alumni Association
Edward Dochtermann	CSM	Biological Science	☐	\$ 200,000.00	Collaborative Proposal: Behavioral Syndromes as Evolutionary Constraints: The Role of Genetic Architecture	National Science Foundation
Erin Gillam	CSM	Biological Science	☐	\$ 1,000.00	Linking Foraging Strategies and Ear Morphology in Four Insectivorous Bats	Sigma Xi
Kendra Greenlee	CSM	Biological Science	☐	\$ 66,029.70	Acquisition of Goods and Services	Agriculture Research Service
Timothy Greives	CSM	Biological Science	☐	\$ 13,927.00	Meeting: The World is Not Flat: Accounting for the Dynamic Nature of the Environment as We Move Beyond Static Experimental Manipulations	National Science Foundation
Timothy Greives	CSM	Biological Science	☐	\$ 705,762.00	Early Birds and Extra-Pair Mates: Do Nightly Peaks of Steroid Hormones Influence Onset of Daily Behaviors and Opportunities for Extra-Pair Mating?	National Science Foundation
Britt Heidinger	CSM	Biological Science	☐	\$ 15,876.00	Meeting: Stress Phenotype: Linking Molecular, Cellular and Physiological Stress (Society of Integrative and Comparative Biology Symposium, January 5, 2019 in Tampa, FL).	National Science Foundation
Britt Heidinger	CSM	Biological Science	☐	\$ 152,488.00	Collaborative Research: Parental Effects, Telomere Dynamics, and the Cross-generational Consequences of Stressors	National Science Foundation
Bakhtiyor Rasulev	CSM	Coatings & Polymeric Materials	Wenfang Sun Svetlana Kilina Dmitri Kilin	\$ 468,030.00	Integrated Studies and Design of Organometallic Complexes with Nonlinear Optical Absorption and Near-IR Emission Properties	National Science Foundation
Dean Webster	CSM	Coatings & Polymeric Materials	☐	\$ 120,944.00	Novel Tough and Durable AF/FR Coatings via Self-stratification	Department of Defense

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PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Simone Ludwig	CSM	Computer Science	Pratap Kotala Jeremy Straub	\$ 37,643.00	GenCyber: DSU and NDSU GenCyber Partner Camp	Dakota State University
Brian Slator	CSM	Computer Science	☐	\$ 25,000.00	Google CS Educator PD Planning Workshop	Google Inc.
Gursimran Walia	CSM	Computer Science	☐	\$ 47,886.00	Collaborative Project: Engaged Student Learning - Design and Development Level II: Using a Cyberlearning Environment to Improve Student Learning and Engagement in Software Courses	National Science Foundation
Stephanie Day	CSM	Geosciences	David Hopkins Joseph Zeleznik Thomas DeSutter	\$ 82,979.00	Evaluating Recent Geomorphic Change on the Yellowstone River in Western ND	ND Attorney General
Kenneth Lepper	CSM	Geosciences	☐	\$ 39,535.00	Understanding Past Environments and Glacial Processes Through an Analysis of a Newly Discovered Glacial Lake	Michigan State University
Lioudmila Kryjevskaja	CSM	Physics	☐	\$ 377,732.00	Collaborative Research: Establishing a New Model for Research-based Curriculum Development in Physics Aligned with Dual Process Theories of Reasoning	National Science Foundation
James Council	CSM	Psychology	☐	\$ 18,540.00	Parkinson's Disease Research at Sanford Health, Fargo ND	Sanford Health
Mark McCourt	CSM	Psychology	☐	\$ 101,422.00	Great Plains IDEa-CTR	University of Nebraska-Omaha
Enrico Sassi	GRAD	Graduate Center for Writers	☐	\$ 10,420.00	Online Educational Resources in Writing for Discovery Based Learning	Engineering Information Foundation
Debra Habedank	Misc	Center for Child Development	☐	\$ 556.24	USDA Child and Adult Care Food Program	ND Department of Public Instruction
Debra Habedank	Misc	Center for Child Development	☐	\$ 653.05	USDA Child and Adult Care Food Program	ND Department of Public Instruction
Debra Habedank	Misc	Center for Child Development	☐	\$ 632.15	USDA Child and Adult Care Food Program	ND Department of Public Instruction
Jenny Grasto	Misc	Library	Trista Raezer-Stursa Rex Hughes	\$ 4,077.65	Libraries Internship - Digitization of the Spectrum	NDSU Foundation & Alumni Association
James Faris	Misc	Memorial Union Operations	☐	\$ 500.00	Social Justice Revisited	The Arts Partnership

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PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Kelly Rusch	Misc	North Dakota EPSCoR	☒	\$ 3,013,875.00	Advancing Science Excellence in ND/state office funding	ND University System Office
Thomas Claeys	Misc	North Dakota Forest Service	☒	\$ 300,000.00	FY 2018 USFS Hazardous Fuels Reduction Project	Forest Service
Larry Kotchman	Misc	North Dakota Forest Service	☒	\$ 1,621,980.00	FY 2018 Consolidated Payment Grants for Cooperative Forestry Assistance	Forest Service
Matthew Salafia	Misc	Office of the Provost	☒	\$ 5,000.00	Honors Faculty Fellowship Program	NDSU Foundation & Alumni Association
Theresa Wickenheiser	Misc	Student Health Services	☒	\$ 8,228.00	NDQuits Cessation Expanded Grant FY 2019	ND Department of Health
Benjamin Shapiro	Misc	TRIO	☒	\$ 4,942.00	ND DPI Summer Food Service Program	ND Department of Public Instruction
Kelly Rusch	Misc	VP for Research	☒	\$ 80,000.00	Bioinformatics Seed Grant Program - Year 5	University of North Dakota
Xuefeng Chu	Misc	Water Resources Institute	☒	\$ 92,335.00	North Dakota Water Resources Research Institute 104 (B) Program	U.S. Geological Survey
Xuefeng Chu	Misc	Water Resources Institute	☒	\$ 92,335.00	North Dakota Water Resources Research Institute 104 (B) Program	U.S. Geological Survey
Sara Mwagura	Misc	Wellness Center	☒	\$ 559.97	NDSU Wellness Center Child Care ND Food Program	ND Department of Public Instruction
Sara Mwagura	Misc	Wellness Center	☒	\$ 473.82	FY18 NDSU Wellness Center Child Care ND Food Program	ND Department of Public Instruction
Sara Mwagura	Misc	Wellness Center	☒	\$ 1,328.15	FY18 NDSU Wellness Center Child Care ND Food Program	ND Department of Public Instruction
Sara Mwagura	Misc	Wellness Center	☒	\$ 1,000.00	Board of Trustees Grant	NDSU Foundation & Alumni Association
Sara Mwagura	Misc	Wellness Center	☒	\$ 425.83	NDSU Wellness Center Child Care ND Food Program	ND Department of Public Instruction
Alan Dybing	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 5,983.00	Analysis of the Impacts of Changes to Existing Transportation Revenue Mechanisms to Agriculture in North Dakota	ND Soybean Council
Ranjit Godavarthy	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 73,867.55	NCHRP 20-65 (76) Opportunities for State DOT's (and Others) to Encourage Shared Use Mobility Practices in Rural Areas	WPS USA Corporation
Timothy Horner	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 468,000.00	Transportation Learning Network	ND Department of Transportation

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PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Jill Hough	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 47,031.00	National Transit Institute Small Purchase Solicitation for Survey Services to Assess Immediate Small and Rural Transit Training Needs	Rutgers, The State Univ of New Jersey
Jill Hough	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 49,665.00	Statewide Personal Mobility Needs for Oklahoma	Oklahoma Transit Association
Jeremy Mattson	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 120,534.00	Measuring the Economic Impact of Rural Transit Service in Greater Minnesota	MN Department of Transportation
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 4,950.00	ND Grain Movement Database: Soybean Transport	ND Soybean Council
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 3,900.00	Grain Movement - NP RR 2018-19	Northern Plains Railroad
Bradley Wentz	UGPTI	Upper Great Plains Transportation Institute	Andrew Wrucke	\$ 92,831.00	MNDOT LRRB-Asset Management Pavement Condition Forecasting	MN Department of Transportation
Bradley Wentz	UGPTI	Upper Great Plains Transportation Institute	☒	\$ 55,688.00	North Dakota MPO Planning Support Program Master Agreement	Grand Forks-EGF Metro Planning Organiz