

## AWARD REPORT

April 2021

PI Name	PI College	PI Department	CoPI(s)	Awarded Amount	Title	Sponsor Name
Gregory Endres	AES & EXT	AES Carrington Research/Extension Center	Bryan Hanson Michael Ostlie	\$ 18,000.00	Evaluation of selected plant establishment factors and nutrition inputs in pinto bean	Northarvest Bean Growers Association
Gregory Endres	AES & EXT	AES Carrington Research/Extension Center	Joseph Ikley Brian Jenks Michael Ostlie	\$ 6,770.00	Pinto bean crop tolerance to preplant, low-dose application of dicamba	Northarvest Bean Growers Association
Michael Ostlie	AES & EXT	AES Carrington Research/Extension Center	Gregory Endres David Kramar	\$ 17,195.00	Strategies for reducing erosion through spring cover crops	Northarvest Bean Growers Association
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Audrey Kalil Tyler Tjelde	\$ 25,600.00	Optimizing fungicide tank-mixes with chlorothalonil for improved management of Ascochyta blight in chickpeas	Northern Pulse Growers Association
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	John Rickertsen	\$ 11,780.00	Management of root rots of field peas with crop rotation	Northern Pulse Growers Association
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center		\$ 48,195.00	Efficacy of BASF products in soybean, dry bean, and canola	BASF Corporation
Benjamin Geaumont	AES & EXT	AES Hettinger Research/Extension Center		\$ 8,976.00	Introducing prescribed fire on private lands managed by the Game and Fish Department as Private Lands Open to Sportsmen (PLOTS).	ND Game and Fish Department
Venkata Chapara	AES & EXT	AES Langdon Research/Extension Center		\$ 6,728.00	Efficacy of GF-4630 (3:1 Picoxy+Prothio) for White Mold control in Canola_US.	Corteva Agriscience
Bryan Hanson	AES & EXT	AES Langdon Research/Extension		\$ 11,340.00	Nuseed Canola Evaluation Trial	Nuseed
Upinder Gill	AES & EXT	AES Plant Pathology		\$ 34,649.00	Survey and Management of Dry Bean Diseases in the Northarvest Region	Northarvest Bean Growers Association
Mohamed Khan	AES & EXT	AES Plant Pathology		\$ 70,743.00	Effect of Cercospora Leaf Spot on Sugarbeet Root Storage	USDA Agricultural Research Service
Samuel Markell	AES & EXT	AES Plant Pathology		\$ 3,750.00	NDSU_BASF_SCN_McCarville_2021	BASF Corporation
Samuel Markell	AES & EXT	AES Plant Pathology		\$ 4,032.00	Corteva Downy Mildew 2021	Corteva Agriscience
Samuel Markell	AES & EXT	AES Plant Pathology		\$ 6,804.00	Markell Corteva Canola WM 2021 NA21YT669008F	Corteva Agriscience
Julie Pasche	AES & EXT	AES Plant Pathology		\$ 30,000.00	Adjusting Planting Date for the Management of Verticillium Wilt	MN Area II Potato Growers
Julie Pasche	AES & EXT	AES Plant Pathology		\$ 15,120.00	Efficacy of Adavelt (GF-4536) Solo and In Mixture with Difenconazole for Control of Alternaria Early Blight (ALTESO) in Potato	Corteva Agriscience
Gary Secor	AES & EXT	AES Plant Pathology		\$ 13,608.00	Evaluating Corteva Biological Compounds for Rhizcotonia Control in Potato	Corteva Agriscience
Guiping Yan	AES & EXT	AES Plant Pathology	Berlin Nelson Juan Osorno	\$ 26,904.00	Resistance of NDSU Dry Bean Breeding Lines and Varieties to Soybean Cyst Nematode	Northarvest Bean Growers Association
Guiping Yan	AES & EXT	AES Plant Pathology		\$ 9,000.00	Identifying Effective Cover Crops for Management of the Root-Lesion Nematode, Pratylenchus Penetrans	Northern Plains Potato Growers Association
Guiping Yan	AES & EXT	AES Plant Pathology		\$ 15,000.00	Identifying Effective Cover Crops for Management of the Root-Lesion Nematode, Pratylenchus Penetrans	MN Area II Potato Growers

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Richard Horsley	AES & EXT	AES Plant Sciences		\$ 27,391.00	Assessing the Importance of Plant Spacing Heterogeneity (skips, doubles, gaps) on Yield, and Heritability of Seedling Emergence in Field Conditions	National Sunflower Association
Joseph Ikley	AES & EXT	AES Plant Sciences		\$ 7,000.00	University Next Gen Corn Herbicide COI Trials	Corteva Agriscience
Juan Osorno	AES & EXT	AES Plant Sciences		\$ 147,818.00	Dry Bean Improvement for the Northern Plains	Northarvest Bean Growers Association
Md Mukhlesur Rahman	AES & EXT	AES Plant Sciences		\$ 11,420.00	Introgression of CMS and Restorer System into Double Haploid and Elite Canola Breeding Lines for Hybrid Development	Northern Canola Growers Association
Md Mukhlesur Rahman	AES & EXT	AES Plant Sciences		\$ 15,000.00	Flax Breeding for Increasing Yield and Oil Per Acre	AmeriFlax
Asunta Thompson	AES & EXT	AES Plant Sciences		\$ 71,000.00	Genetic Improvement and Potato Cultivar Development for the Northern Plains	Northern Plains Potato Growers Association
Deirdre Voldseth	AES & EXT	AES School of Natural Resource Sciences		\$ 20,600.00	Using insect biology and cultural practices for management of red sunflower seed weevil	National Sunflower Association
Jerald Bergman	AES & EXT	AES Williston Research/Extension Center		\$ 10,000.00	WREC Seed Cleaning Facility	Williams County Agricultural Improvement Association
Tyler Tjelde	AES & EXT	AES Williston Research/Extension Center	Kelly Cooper Eric Eriksmoen Bryan Hanson Herman Kandel Michael Ostlie John Rickertsen	\$ 26,729.00	North Dakota Dry Edible Bean Variety Trials	Northarvest Bean Growers Association
Ryan Buetow	AES & EXT	Extension Dickinson Research/Extension Center		\$ 5,000.00	2021 NSA Sunflower Production Survey	National Sunflower Association
Carrie Johnson	AES & EXT	Extension HD General		\$ 6,000.00	Grand Forks County Gearing Up for Kindergarten	Grand Forks Public Schools
Andrew Friskop	AES & EXT	Extension Plant Pathology		\$ 9,750.00	2021 ND Corn Pest Survey	ND Department of Agriculture
Janet Knodel	AES & EXT	Extension Plant Pathology		\$ 5,040.00	Dry Bean Grower Survey of Pest Problems, Pesticide Use, and Varieties in 2021	Northarvest Bean Growers Association
Julie Garden-Robinson	AES & EXT	Extension Food & Nutrition		\$ 5,572.00	Cottage Food Processing Extension Handouts / (NCR FSMA - add on)	USDA-NIFA / Iowa State University
David Boehm	CAFSNR	Northern Crops Institute	Bingcan Chen	\$ 29,550.00	Tofu and soy milk comparison for U.S., Chinese and Indian soyfood beans	U.S. Soybean Export Council
Fardad Azarmi	CENG	Mechanical Engineering		\$ 600,000.00	Additively Manufactured High Temperature Friction Stir Tooling through Thermal Spray Techniques	DoD / National Center for Manufacturing Science
Sathish Venkatachalem	CHP	Pharmaceutical Sciences		\$ 10,500.00	Investigating the chemical stability of cytarabine in the polypropylene syringe	Sanford Health
Rebecca Brynjulson	CHP	Pharmacy Practice		\$ 10,679.00	Geriatrics Workforce Enhancement Program	HRSA / University of North Dakota
Paul Carson	CHP	Public Health		\$ 137,986.00	Antibiotic Resistance Prevention Program and Promotion of Appropriate Antibiotic Use	CDC / ND Department of Health

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PI Name	PI College	PI Department	CoPI(s)	Awarded Amount	Title	Sponsor Name
Paul Carson	CHP	Public Health	Elizabeth Skoy	\$ 742,616.00	COVID-19 Vaccine Education and Assistance	DHHS / ND Department of Health
Katie Lyman	CHSE	Health, Nutrition & Exercise Sciences		\$ 1,200.00	Compensation to Offset Research Expenses Associated with Kinesio Tape Projects	Kinesio Taping Association International
Stacy Duffield	CHSE	School of Education		\$ 600.00	Teacher Preparation Common Metrics: Partnership with St. Cloud St. University	St. Cloud State University
Marinus Otte	CSM	Biological Sciences	Xuefeng Chu	\$ 10,000.00	Wetlands for reduction of sediment and nutrient loadings in impaired watersheds	Environmental Protection Agency
Katie Reindl	CSM	Biological Sciences		\$ 75,000.00	Cancer-selective therapeutic effects of piperlongumine	NIH / University of North Dakota
Christopher Colbert	CSM	Chemistry and Biochemistry		\$ 384,354.00	Analytical Ultracentrifuge with Absorbance and Interference Optics	National Institutes of Health
Mohiuddin Quadir	CSM	Coatings & Polymeric Materials		\$ 192,924.00	Engineering New, Biobased Fire-retardant Coating Additives from Agricultural Byproducts	National Institute of Food & Agriculture
Debra Habedank	Misc	Center for Child Development		\$ 682.89	USDA Child and Adult Care Food Program	USDA-FNS / ND Department of Public Instruction
Scott Payne	Misc	Core Labs		\$ 595,000.00	120kV Transmission Electron Microscope for Core Electron Microscopy Facility	National Institutes of Health
Stacy Duffield	Misc	Office of Teaching and Learning		\$ 585.00	Teacher Preparation Common Metrics: Partnership with University of Alaska Southeast	University of Alaska Southeast
Marianne Quittschreiber	Misc	Wellness Center		\$ 1,574.35	NDSU Wellness Center Child Care ND Food Program	USDA-FNS / ND Department of Public Instruction
Dale Heglund	UGPTI	Upper Great Plains Transportation Institute		\$ 396,000.00	2021 North Dakota Local Technical Assistance Program	FHA / ND Department of Transportation
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute		\$ 2,690.00	Northern Plains Railroad Grain Movement Report	Northern Plains Railroad
Bradley Wentz	UGPTI	Upper Great Plains Transportation Institute		\$ 4,948.00	North Dakota MPO Planning Support Program Master Agreement	DOT / GF-EGF Metro Planning Organization