

AWARD REPORT

February 2020

PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Joseph Zeleznik	AES & EXT	AES School of Natural Resource Sciences		\$ 14,403.00	Additional Sampling of cottonwood trees along Yellowstone River	ND Water Commission
Robert Bertsch	AES & EXT	Ext Agricultural Communication		\$ 80,000.00	Military Families Learning Network Initiative	USDA-NIFA / Auburn University
Kalpana Katti	CENG	Civil & Environmental Engineering	Dinesh Katti	\$ 200,000.00	Next Generation Solutions for Bone Regeneration	ND Department of Commerce
Kalpana Katti	CENG	Civil & Environmental Engineering	Dinesh Katti	\$ 13,000.00	Next Generation Solutions for Bone Regeneration	Fortus Medical
Benjamin Braaten	CENG	Electrical & Computer Engineering	Bingcan Chen Ewumbua Monono Xin Sun	\$ 138,714.00	Development of an RF Sensing Platform for Grain Detection - Phase 3	John Deere & Company
David Grewell	CENG	Industrial & Manufacturing Engineering	Lokesh Narayanan	\$ 32,013.00	Moisture sensitivity of PLA/PBS blends during Ultrasonic and FDM welding	Center for Bioplastic and Biocomposites
Ali Amiri	CENG	Mechanical Engineering	Chad Ulven	\$ 44,800.00	Investigating Root Cause and Reduce Fogging Behavior of Natural Fiber Filled Thermoplastics	Center for Bioplastic and Biocomposites
Majura Selekwa	CENG	Mechanical Engineering		\$ 148,051.00	Functional Coatings for Vehicle Autonomy - Phase II Development of a Robotic Vehicle for Testing PPG Coatings	DoD / PPG Industries
Xiangfa Wu	CENG	Mechanical Engineering		\$ 246,359.00	DOE-EERE: Low-pressure Electrolytic Ammonia Production	DOE / University of North Dakota
Stacy Duffield	CHSE	School of Education		\$ 600.00	Teacher Preparation Common Metrics: Partnership with University of Minnesota Morris	University of Minnesota Morris
Stacy Duffield	CHSE	School of Education		\$ 500.00	Teacher Preparation Common Metrics: Partnership with Minnesota State University – Mankato	Minnesota State University, Mankato
Andriy Voronov	CSM	Coatings & Polymeric Materials	Ghasideh Pourhashem	\$ 58,463.00	Plant Oil-Based Adhesives	Center for Bioplastic and Biocomposites
Jessica Striker	CSM	Mathematics		\$ 13,118.00	Great Plains Combinatorics Conference 2020	National Science Foundation
Debra Habedank	Misc	Center for Child Development		\$ 602.73	USDA Child and Adult Care Food Program	USDA-FNS / ND Department of Public Instruction
Kelly Rusch	Misc	NDSU EPSCOR	Jean Ostrom-Blonigen	\$ 1,240,000.00	INnovative and Strategic Program Initiatives for Research and Education in North Dakota (INSPIRE-ND)	National Science Foundation
Xuefeng Chu	Misc	Water Resources Institute		\$ 125,000.00	North Dakota Water Resources Research Institute 104 (B) Program	U.S. Geological Survey
Marianne Quittschreiber	Misc	Wellness Center		\$ 913.93	NDSU Wellness Center Child Care ND Food Program	USDA-FNS / ND Department of Public Instruction
Marianne Quittschreiber	Misc	Wellness Center		\$ 1,361.26	NDSU Wellness Center Child Care ND Food Program	USDA-FNS / ND Department of Public Instruction
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Dale Heglund	UGPTI	Upper Great Plains Transportation Institute		\$ 20,000.00	2020-2021 NDIRF - NDLTAP Program	ND Insurance Reserve Fund
Jill Hough	UGPTI	Upper Great Plains Transportation Institute		\$ 473,300.00	Small Urban, Rural and Tribal Center on Mobility	DOT / Montana State University