

Grant ID	Long Title	Principal Investigator Name	Agency #	Agency Name	Grant Category	Project Start Date	Project End Date	Agency Commitment Amt
MA1500002	InSAR Analysis of Aquifer-System Response to Pumping in the Indian Wells Valley, California (Phase 1)	Katzenstein, Kurt W.	173645	Desert Research Institute	Federal	01-May-2014	30-Nov-2014	\$22,759
MA1500004	Rock Melt Borehole Sealing System	Roggenthen, William M.	26553	Respec	Federal	09-Jun-2014	08-Mar-2015	\$47,000
MA1500005	NASA Space Technology Research Fellowship (NSTRF) - Fall 2014	Crawford, Grant A.	26410	National Aeronautics And Space	Federal	01-Aug-2014	18-Dec-2015	\$90,875
MA1500006	Understanding Change Management for Engineering Education Innovation - The IRE Case	James, Jennifer N.	26455	National Science Foundation	Federal	01-Aug-2014	31-Jul-2015	\$32,409
MA1500012	The South Dakota College Access Challenge Grant Program	Herrera, Jesus M.	26375	Mid-Central Educational Cooperative	Federal	14-Aug-2013	13-Aug-2014	\$27,010
MA1500013	Paleontological Work for Fort Randall	Pagnac, Darrin C.	26782	Us Army Corps Of Engineers	Federal	29-Jul-2014	31-Dec-2014	\$24,999
MA1500015	Printable Polymer Bound Reactives	Groven, Lori J.	26226	Defense Threat Reduction Agency	Federal	23-Jul-2014	22-Jul-2017	\$250,000
MA1500016	Integrated Structural and Ventilation System for Buildings through Biomimicry	Surovek, Andrea E.	26455	National Science Foundation	Federal	01-Sep-2014	31-Aug-2017	\$318,723
MA1500017	High Performance and Durable Lithium-ion Battery for NASA Space Applications	Smirnova, Alevtina L.	26410	National Aeronautics And Space Administration	Federal	01-Sep-2014	31-Aug-2017	\$750,000
MA1500018	Numerical Modeling of Gas Emissions and Cave Ventilation in Block Caving Mines	Tukkaraja, Purushotham	26168	Department of Health & Human Services	Federal	01-Sep-2014	31-Aug-2017	\$750,000
MA1500019	Research in Expedient Waste Reduction and Waste to Energy Technologies	Winter, Robb M.	103694	Universal Technology Corp	Federal	01-Aug-2014	31-Dec-2015	\$100,000
MA1500020	Cyclic Fossil Surveys at Wind Cave National Park - WICA	Shelton, Sally Y.	51928	US Dept of the Interior	Federal	23-Jun-2014	31-Mar-2015	\$4,000
MA1500022	Thermal Plug Materials Evaluation	Groven, Lori J.	173086	Olympic Research Inc	Federal	25-Aug-2014	27-Jul-2016	\$160,000
MA1500023	Multidisciplinary Attack on Fundamental and Applied Problems in Advanced Materials and Material Processing	Puszynski, Jan A.	26112	Army Research Laboratory	Federal	16-Sep-2014	15-Sep-2016	\$1,325,000
MA1500024	Basic Expeditionary Airfield Resources (BEAR) Energy Saving Technologies (BEAR-EST)	Winter, Robb M.	26781	Us Air Force	Federal	15-Sep-2014	14-Sep-2017	\$4,839,736
MA1500025	Fossil Cycad National Monument Specimen Curation and Documentation in Montana	Anderson, Laurie C.	26786	Us Bureau Of Land Management	Federal	01-Sep-2014	31-Aug-2019	\$7,000
MA1500026	Prototype for Basic Expeditionary Airfield Resources (BEAR) System for Load & Installation Management (BSLIM)	Winter, Robb M.	12157	Eaton Corporation	Federal	01-Sep-2014	31-Aug-2016	\$700,506
MA1500027	NeTS: Collaborative Research: Cross Layer Exploration of Position-Value Diversity for Energy Constrained Wireless Multimedia Resource Allocation	Sohraby, Kazem	26455	National Science Foundation	Federal	01-Oct-2014	30-Sep-2017	\$196,688
MA1500029	A Sustainable Food Chain: Growing the Right Stuff!	Duke, Edward F.	26410	National Aeronautics And Space	Federal	19-Sep-2014	18-Sep-2016	\$500,000
MA1500030	Integrative Tools for Underground Science	Schnee, Richard W.	26756	University Of Minnesota	Federal	16-Aug-2014	31-Mar-2015	\$15,655
MA1500031	The 2020 Vision: Building Research, Education, and Innovation Partnerships for South Dakota	Smith, Steve J.	26683	South Dakota State University	Federal	01-Aug-2014	31-Jul-2016	\$869,047
MA1500033	NASA Ames Research Center - IPA Scientist Proposal	Petukhov, Andre G.	26410	National Aeronautics And Space	Federal	20-Oct-2014	19-Oct-2016	\$417,694
MA1500035	Smart, Functional Nanoenergetics Design from the Atomistic/Molecular Scale through the Mesoscale	Groven, Lori J.	11951	Trustees of Purdue University	Federal	01-Sep-2013	28-Feb-2017	\$87,570
MA1500036	SDSMT Safe Ride	Mahon, Patricia G.	26438	National Highway Traffic Safety	Federal	01-Oct-2014	30-Sep-2015	\$28,490
MA1500038	The South Dakota College Access Challenge Grant Program	Herrera, Jesus M.	26375	Mid-Central Educational Cooperative	Federal	14-Aug-2014	13-Aug-2015	\$40,000
MA1500039	Wear Surface and Structural Repair Using Cold Spray	Widener, Christian A.	74846	HFW Solutions Inc	Federal	19-Sep-2014	18-Sep-2016	\$598,962
MA1500040	Reduction of Backgrounds for WIMP Dark Matter	Schnee, Richard W.	26455	National Science Foundation	Federal	16-Aug-2014	31-Jul-2016	\$186,342
MA1500041	Bio Versus Fossil Oil: Dryland Biofuel Feedstock Production Transportation Infrastructure Challenges	Stone, James J.	26683	South Dakota State University	Federal	01-Oct-2014	30-Sep-2017	\$268,500
MA1500042	High Efficiency, Inexpensive Thin Film III-V Photovoltaics Using Single-Crystalline-like, Flexible Substrates	Ahrenkiel, Scott P.	155070	University of Houston System	Federal	01-Oct-2014	30-Sep-2016	\$200,000
MA1500043	Expanding Pathways into Computer Science	McGough, Jeffrey S.	8511	State of South Dakota	Federal	22-Aug-2014	31-Aug-2016	\$20,260
MA1500044	Technical Objective #4: Basic Expeditionary Airfield Resource (BEAR) Energy Savings Technologies (BEST)	Winter, Robb M.	103694	Universal Technology Corp	Federal	22-Oct-2014	30-Jun-2019	\$320,000
MA1500045	Commission Detector System for Radon Emanation Measurements for LZ	Schnee, Richard W.	85798	Regents of the University of California-	Federal	15-Dec-2014	31-Dec-2015	\$60,020
MA1500047	Rare Earth Cold Spray Research	Widener, Christian A.	168856	Worcester Polytechnic Institute	Federal	19-Sep-2014	18-Sep-2015	\$300,000

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MA1500050	CAREER: Corrosion Resistance of Nano-meter Graphene Coatings in Aggressive Microbial Environment	Gadhamshetty, Venkata R.	26455	National Science Foundation	Federal	01-Feb-2015	31-Jan-2020	\$506,000
MA1500051	SDSM&T Electroforming for the MAJORANA Demonstrator	Christofferson, Cabot-Ann D.	127590	UT-Battelle LLC	Federal	09-Jan-2015	30-Sep-2016	\$546,210
MA1500052	South Dakota Jump Start	Herrera, Jesus M.	26683	South Dakota State University	Federal	01-Oct-2014	30-Sep-2018	\$282,068
MA1500054	Increasing the Discovery Potential of Underground Physics at SURF and Beyond	Schnee, Richard W.	26795	US Department of Energy	Federal	01-Apr-2015	31-Mar-2017	\$664,000
MA1500055	REU Site: Back to the Future III	West, Michael K.	26455	National Science Foundation	Federal	15-Apr-2015	31-Mar-2018	\$330,000
MA1500056	REU Site: Technical Experience in Advancing Modeling Sciences (TEAMS)	Hadley, Kevin R.	26455	National Science Foundation	Federal	01-Apr-2015	31-Mar-2018	\$360,000
MA1500057	Paleontological Work On Lake Francis Case/Fort Randall Project Lands	Pagnac, Darrin C.	26782	Us Army Corps Of Engineers	Federal	01-May-2015	31-Dec-2015	\$24,999
MA1500058	NASA ACT-13 Modular Dual Band Ku/Ka Antenna Tile with Digital Calibration	Anagnostou, Dimitrios E.	26330	Jet Propulsion Laboratory	Federal	30-Mar-2015	29-Mar-2016	\$50,000
MA1500059	FY15 State Water Resources Research Institute Program: Establishing Gene Fingerprints of Pathogenic Bacteria Along Selected Reaches of Rapid Creek	DeVeaux, Linda C.	26683	South Dakota State University	Federal	01-Mar-2015	29-Feb-2016	\$20,000
MA1500060	Review and Refinement of SDDOT's LRFD Shallow Foundation Design Method	Nam, Soonkie	26605	Sd Department Of Transportation	Federal	15-Apr-2015	31-Aug-2016	\$50,000
MA1500061	2015 Conference on Science at the Sanford Underground Research Facility	Schnee, Richard W.	26455	National Science Foundation	Federal	01-May-2015	30-Apr-2016	\$10,000
MA1500063	Use of Flow Field Forecasting to Anticipate Events in a Multi-Threat Environment	Caudle, Kyle A.	26793	Us Department Of Defense	Federal	08-May-2015	07-May-2016	\$59,377
MA1500064	Mine Health and Safety Training for Miners and Contractors Working on Mining Properties in South Dakota	Kliche, Charles A.	106040	Mine Safety & Healthy Administration	Federal	01-Oct-2014	31-May-2016	\$68,903
MA1500068	NASA STEM Entitled National Space Grant College and Fellowship Program (SPACE Grant) Training Grant 2015-2018	Duke, Edward F.	26410	National Aeronautics And Space Administration	Federal	23-Apr-2015	22-Apr-2018	\$730,000
MA1500071	Reduction of Radon-Induced Backgrounds for SuperCDMS and Beyond	Schnee, Richard W.	26455	National Science Foundation	Federal	15-Jun-2015	31-May-2018	\$286,300
MA1600001	FEW: A Sustainable Rural Framework Workshop for the Upper Great Plains	Stone, James J.	26455	National Science Foundation	Federal	01-Jul-2015	30-Jun-2016	\$50,000
MA1600002	I-Corps: Quantum Wires and Dots for Optoelectronic Devices	Yang, Haeyeon	26455	National Science Foundation	Federal	15-Jul-2015	31-Dec-2015	\$50,000
MA1600003	PEO Coating Characterization and Testing	Kustas, Francis M.	185871	Nano Coatings Inc	Federal	08-Jun-2015	07-Jun-2016	\$75,060
MA1600004	SBIR Phase I: In-situ Formation of Ceramic Well Liner Patches	Groven, Lori J.	173086	Olympic Research Inc	Federal	26-Jun-2015	30-Nov-2015	\$25,000
MA1600005	Examining Ecological Influence and Distribution of Didymosphenia Geminata in Grand Teton National Park	Kunza, Lisa A.	26775	University Of Wyoming	Federal	01-May-2015	30-Apr-2016	\$5,000
MA1600010	Experimental Program to Stimulate Competitive Research (EPSCoR)	Anagnostou, Dimitrios E.	26410	National Aeronautics And Space	Federal	01-Sep-2015	31-Aug-2018	\$750,000
MA1600011	Contributing to the Mathematical Rigor of Approximate Dynamic Programming	Heydari, Ali	26455	National Science Foundation	Federal	01-Aug-2015	31-Jul-2018	\$312,928
MA1600012	Collaborative Research: SI2-SSI: Big Weather Web: A Common and Sustainable Big Data Infrastructure in Support of Weather Prediction Research and Education in Universities	Capehart, William J.	26455	National Science Foundation	Federal	01-Aug-2015	31-Jul-2018	\$183,956
MA1600016	Crack Repair of Navy Components using a Portable High-Pressure Cold Spray System	Widener, Christian A.	174030	VRC Metal Systems LLC	Federal	04-Aug-2015	03-Feb-2016	\$26,400
MA1600017	South Dakota NASA EPSCoR Research Infrastructure Development Program	Duke, Edward F.	26410	National Aeronautics And Space	Federal	01-Oct-2015	30-Sep-2018	\$125,000
MA1600018	Promoting System Level Thinking in Undergraduate Engineering Courses	Muci Kuchler, Karim H.	26817	Us Office Of Naval Research	Federal	01-Oct-2015	30-Sep-2017	\$303,224
MA1600019	Understanding the Role of Credentialing in Promoting and Sustaining Innovative Engineering Practices	James, Jennifer N.	26455	National Science Foundation	Federal	01-Sep-2015	31-Aug-2018	\$343,499
MA1600020	Collaborative Research: Intellectual Diversity and Critical Thinking Skills in Service Learning	Benning, Jennifer L.	26455	National Science Foundation	Federal	01-Sep-2015	31-Aug-2018	\$566,698
MA1600021	Aligning Instructional Objectives with Features of a Self-Contained Teamwork Activity for Teamwork Skill Development	Hadley, Kevin R.	26455	National Science Foundation	Federal	01-Sep-2015	31-Aug-2017	\$184,275
MA1600022	Fabricate and Test Mechanically Activated Fuels	Groven, Lori J.	185848	Capco Inc	Federal	09-Jun-2015	15-Dec-2015	\$15,000
MA1600023	Collaborative Research: Distinguishing the drivers of benthic foraminiferal faunal change to improve mechanistic interpretations of hypoxic events in the North Pacific	Belanger, Christina L.	26455	National Science Foundation	Federal	15-Sep-2015	31-Aug-2018	\$179,386

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MA1600024	SD2014-21 Mechanistic-Empirical Pavement Design: Materials Testing of Resilient and Dynamic Modulus	Nam, Soonkie	8511	State of South Dakota	Federal	09-Sep-2015	31-May-2018	\$95,000
MA1600026	Collaborative Research: Hierarchical Functioning of River Macrosystems in Temperate Steppes - From Continental to Hydrogeomorphic Patch Scales	Kenner, Scott J.	26455	National Science Foundation	Federal	15-Sep-2015	31-Aug-2020	\$269,720
MA1600027	Collaborative Effort on the SPA-10 Storm Penetration Aircraft	Detwiler, Andrew G.	26793	Us Department Of Defense	Federal	28-Sep-2015	27-Sep-2016	\$206,424
MA1600028	ARL-HFWES-Additive Manufacturing and Advanced Materials Processing	Widener, Christian A.	74846	HFW Solutions Inc	Federal	01-Sep-2015	31-Aug-2016	\$200,000
MA1600029	Smart Shelter Power Management and Communication System (SSPMCS)	Winter, Robb M.	26793	Us Department Of Defense	Federal	22-Sep-2015	21-Sep-2017	\$1,670,371
MA1600030	Finite Element Computational Processes for the Thermo-Mechanical Analysis of Shape Memory Alloy (SMA) Enabled Structures	Romkes, Albert	193118	Barrett Aerospace Technologies	Federal	15-Oct-2015	30-Sep-2017	\$30,000
MA1600031	Driving Safety Prevention Program	Mahon, Patricia G.	26596	Sd Department Of Highway Safety	Federal	01-Oct-2015	30-Sep-2016	\$27,490
MA1600032	South Dakota Working in STEM for Equity (SD-WISE)	Huang, Shaobo	26683	South Dakota State University	Federal	01-Sep-2015	31-Aug-2016	\$9,376
MA1600033	Hydrologic Life Cycle Impact of Mountain Pine Bark Beetle Infestations	Stone, James J.	26683	South Dakota State University	Federal	30-Sep-2015	29-Sep-2018	\$250,000
MA1600034	Intermediate-Scale Hydraulic Fracture and Stimulation Field Laboratory in a Deep Mine for the Investigation of Induced Seismicity and Fracture Flow (aka kISMET)	Roggenthen, William M.	154419	The Regents of the University of California	Federal	15-Oct-2015	30-Sep-2017	\$50,000
MA1600035	Isotope Production and Separation Study	Wells, Douglas P.	194078	Thomas Jefferson National Accelerator Lab	Federal	02-Nov-2015	31-Dec-2015	\$15,000
MA1600038	LUX/ZEPLIN (LZ) Project	Schnee, Richard W.	154419	The Regents of the University of California	Federal	12-Nov-2015	12-Mar-2019	\$154,000
MA1600041	Proposal for Research and Engineering Apprenticeship Program (REAP) 2016-2017	West, Michael K.	149110	Academy of Applied Science	Federal	20-Jan-2016	15-Sep-2016	\$4,000
MA1600043	On Integrating Object Detection Capability Into a Coastal Energy Conversion System	Korde, Umesh A.	26817	Us Office Of Naval Research	Federal	01-Jan-2016	31-Dec-2019	\$100,000
MA1600046	Collaborative Research: REU Site: Security Printing and Anti-Counterfeiting Technology	Crawford, Grant A.	26455	National Science Foundation	Federal	15-Mar-2016	28-Feb-2019	\$348,232
MA1600048	An Assessment of River Metabolism in the Kootenai River Upstream of Lake Koocanusa and Downstream of Libby Dam	Kunza, Lisa A.	26782	Us Army Corps Of Engineers	Federal	22-Apr-2016	30-Apr-2018	\$160,000
MA1600049	Back to the Future: Enhancing Food Security and Farm Production with Integrated Crop-livestock Production Systems	Stone, James J.	26683	South Dakota State University	Federal	01-Mar-2016	28-Feb-2018	\$195,000
MA1600050	Anticipating Future Events in a Multi-Threat Environment by Expanding the Capabilities of Flow Field Forecasting	Caudle, Kyle A.	196111	Naval Postgraduate School	Federal	04-May-2016	03-May-2017	\$81,486
MA1600051	Deep Borehole Field Test Project - Initial Investigation	Roberts, Lance A.	26129	Battelle	Federal	01-Apr-2016	30-Dec-2017	\$20,298
MA1600052	Jump Start Additional Funds through College Access Challenge Grant	Herrera, Jesus M.	26683	South Dakota State University	Federal	03-May-2016	12-Aug-2016	\$31,905
MA1600053	Making Small Wave Energy Converters Cost-effective for Underwater Micro Grids Through a 10-fold Increase in Year-round Productivity	Korde, Umesh A.	26803	Us Department Of The Interior	Federal	25-May-2016	24-Jan-2017	\$250,000
MA1600054	Mine Health and Safety Training for Miners and Contractors Working on Mining Properties in South Dakota	Kliche, Charles A.	106040	Mine Safety & Healthy Administration	Federal	01-Oct-2015	30-Sep-2016	\$69,765
MA1600055	Green Chemistry and Sustainable Energy Education for Teachers	Filipova, Tsvetanka S.	26577	Sd Board Of Regents	Federal	01-May-2016	30-Sep-2017	\$50,000
MA1600056	Hydrothermal Liquefaction Tests at South Dakota School of Mines and Technology	Shende, Rajesh V.	101310	Idaho National Laboratory	Federal	16-May-2016	30-Sep-2016	\$5,724
MA1600058	Aluminum Epilayers for Controlled Growth and Processing of High-Efficiency, Low-Cost III-V Solar Cells	Ahrenkiel, Scott P.	26795	US Department of Energy	Federal	01-May-2016	30-Apr-2017	\$179,003
MA1600059	Annual Paleontological Field Survey and Salvage of Fossil Material Along Lake Francis Case/Ft. Randall Project Lands	Pagnac, Darrin C.	26782	Us Army Corps Of Engineers	Federal	15-Apr-2016	31-Dec-2016	\$24,999
MA1600061	Digitization TCN: Collaborative Research: The Cretaceous World: Digitizing Fossils to Reconstruct Evolving Ecosystems in the Western Interior Seaway	Anderson, Laurie C.	26753	University Of Kansas	Federal	01-Jul-2016	30-Jun-2019	\$104,491
MA1500001	Carriage Hills Water System GIS Database	Price, Maribeth H.	175271	Carriage Hills Water System	Other	02-Jul-2014	30-Sep-2014	\$2,517
MA1500034	Ergonomic Cost Modeling for Standardized Material Handling in Small Regional Distribution Centers	Jensen, Dean H.	62645	Material Handling Industry of America	Other	01-Oct-2014	31-Mar-2016	\$45,752
MA1500037	City of Custer Water Sampling	Davis, Arden D.	174649	City of Custer	Other	15-Sep-2014	30-Nov-2015	\$25,000

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MA1500048	BMI Resource Availability in Rapid Creek	Kunza, Lisa A.	26845	West Dakota Water Development District	Other	01-Jan-2015	31-Dec-2015	\$29,311
MA1500049	Influence of Algal Assemblage on Nutrient Removal	Kunza, Lisa A.	183526	Lake Kampeska Water Project District	Other	01-Jan-2015	30-Apr-2016	\$20,000
MA1500053	Feasibility Study to Evaluate Use of Bio-electrochemical and Membrane Technologies to Reduce Energy Consumption of Municipal Effluent Water Treatment for Power Plant Cooling Water Use	Gadhamshtetty, Venkata R.	26248	Electric Power Research Institute	Other	15-Sep-2014	30-Jun-2016	\$50,166
MA1500062	Pathogenicity Potential of the Bacteria in Selected Locations of the Big Sioux River	Kunza, Lisa A.	26243	East Dakota Water Development District	Other	16-Apr-2015	31-Jan-2016	\$25,000
MA1500070	CNAM Membership Projects	Salem, David R.	26682	South Dakota School Of Mines &	Other	01-Sep-2014	31-Aug-2016	\$272,500
MA1600013	Great Plain Education Foundation Grant - Jump Start	Herrera, Jesus M.	26283	Great Plains Education Foundation	Other	20-Jul-2015	31-Jul-2018	\$17,981
MA1600047	Seasonal Examination of the Pathogenicity Profile in the Big Sioux River and Skunk Creek	Kunza, Lisa A.	26243	East Dakota Water Development District	Other	01-Apr-2016	31-Mar-2017	\$25,000
MA1600057	Academic Career Development Program	Brickey, Andrea J.	187747	SME Academic Grant Program	Other	01-Jun-2016	31-May-2017	\$100,000
MA1500003	BAM Biocompatibility Testing	Crawford, Grant A.	176392	New Tech Ceramics, Inc	Private	01-Jun-2014	31-Jul-2014	\$4,199
MA1500009	Coal Testing Projects--Multi-Year	Kliche, Charles A.	176119	AKJ Industries Inc	Private	22-Aug-2014	21-Aug-2015	\$60,145
MA1500010	Forecasting and Mission Support for SPEC, Inc. Instrumentation Test Flights	Detwiler, Andrew G.	26688	Spec Inc	Private	09-Jun-2014	30-Sep-2014	\$15,230
MA1500032	Study on Irrigation Facility Rehabilitation Techniques in the United States	Nam, Soonkie	181319	Rural Research Institute	Private	13-Sep-2014	12-Dec-2014	\$27,000
MA1500065	Development of Smart Suction Pile Analysis Program	Bang, Sangchul	171891	Korea Electric Power Research Institute	Private	04-May-2015	30-Nov-2017	\$320,000
MA1500069	Multi-scale Hybrid Pre-preg Material, Phase 1	Salem, David R.	148036	Nanopareil LLC	Private	10-Sep-2014	31-Oct-2014	\$11,340
MA1500072	Structural Controls on Mineralization at Marigold Mine, Humboldt County, NV: A Detailed Structural Analysis of the Terry Zone Complex	Baran, Zeynep O.	186379	Silver Standard Resources Inc	Private	01-Jun-2015	31-Dec-2016	\$30,798
MA1600006	Cylinder Bore Insert Repair Replacement	Widener, Christian A.	189389	Caterpillar Inc	Private	01-Jul-2015	15-Dec-2015	\$50,000
MA1600037	Transport Computer Modeling with Batch Calibration	Stone, James J.	196558	Power Resources Inc	Private	04-Jan-2016	30-Jun-2017	\$162,000
MA1600060	Large-Scale Underground Mine Planning	Brickey, Andrea J.	88196	State of Colorado	Private	01-Jan-2016	31-Dec-2016	\$41,719
MA1500007	Improvement of Engineering Properties of Soil with Agricultural By-products	Nam, Soonkie	26577	Sd Board Of Regents	State	22-Aug-2014	21-Dec-2015	\$25,000
MA1500008	Preliminary Analysis of Surface Mine Inversion Dispersion Techniques through Numerical Simulation Studies	Tukkaraja, Purushotham	26577	Sd Board Of Regents	State	22-Aug-2014	21-Feb-2016	\$25,000
MA1500011	South Dakota Board of Regents Research & Development Innovation Grant FY2015	Puszynski, Jan A.	8511	State of South Dakota	State	22-Aug-2014	30-Jun-2016	\$150,000
MA1500046	SD RIC FY15: The Biochemical Spatiotemporal Network Resource (Bio-SNTR) Center	Smith, Steve J.	26683	South Dakota State University	State	01-Jul-2014	30-Jun-2016	\$861,363
MA1600007	Competitive Research Grant Program FY16: Erythropoietin Immobilized Biodegradable Nanofibrous Scaffold for Bone Tissue Engineering	Fong, Hao	26768	University of South Dakota	State	22-Aug-2015	21-Aug-2016	\$25,000
MA1600008	The FY16 Research & Development Innovation Grants Program	Puszynski, Jan A.	26577	Sd Board Of Regents	State	22-Aug-2015	30-Jun-2017	\$200,000
MA1600009	Performance of Fiber-Reinforced Shotcrete in Mining Applications	Shearer, Christopher R.	26577	Sd Board Of Regents	State	22-Aug-2015	21-Aug-2016	\$98,056
MA1600014	Indoor Localization	McGough, Jeffrey S.	26613	SD Governor's Office of Economic	State	30-Jul-2015	31-May-2016	\$25,000
MA1600015	Development of Lubricating Fluids That Incorporate Nano-particles as a means to Enhance Their Performance	Hong, Haiping	26613	SD Governor's Office of Economic Development	State	30-Jul-2015	30-Sep-2016	\$23,251
MA1600025	LCA Modeling for SD Oilseed Initiative	Stone, James J.	26683	South Dakota State University	State	01-Jul-2015	30-Jun-2016	\$45,000
MA1600036	Quantum Wire Diode Lasers	Yang, Haeyeon	26613	SD Governor's Office of Economic	State	06-Nov-2015	30-Nov-2016	\$22,000
MA1600039	Synthesis and powder processing of ferrite materials for the fabrication of toroidal cores	Shende, Rajesh V.	26613	SD Governor's Office of Economic Development	State	10-Dec-2015	31-Jul-2016	\$22,500
MA1600042	Acquisition of a Laser Induced Breakdown Spectrometer (LIBS)	Duke, Edward F.	26577	Sd Board Of Regents	State	21-Jan-2016	20-May-2016	\$48,759
MA1600044	Silicon/Carbon-Nanofiber Anode for Li Ion Battery	Salem, David R.	26613	SD Governor's Office of Economic	State	21-Jan-2016	31-Jan-2017	\$25,000
MA1600045	Developing novel FRET based tension sensor probes to measure membrane and nuclear tension	Liu, Jing	26683	South Dakota State University	State	01-Jan-2016	30-Jun-2016	\$5,000
MA1600062	Center for Acceleration of Research and Development on Electrospun Nanofibers (CARDEN)	Fong, Hao	26577	Sd Board Of Regents	State	01-Jul-2016	30-Jun-2017	\$75,000
MA1600063	Surface Engineering Research Center (SERC)	Crawford, Grant A.	26577	Sd Board Of Regents	State	01-Jul-2016	30-Jun-2017	\$294,102

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MA1500014	PFI:AIR-TT: Complete Print-Read-Decode Prototype for RGB Upconverting Inks	Kellar, Jon J.	26768	University of South Dakota	UNKNO WN	01-May-2014	31-Oct-2015	\$82,482
MA1500021	Pilot Project 21 - "Exposure Assessment of Ergonomic Risks to Office Workers Using Hands-free Computing"	Piper, Adam K.	11318	Regents of the University of Minnesota	UNKNO WN	15-Jul-2014	14-Apr-2016	\$20,000
MA1500066	Environmentally Sustainable Gasless Delay Compositions For Fuzes	Groven, Lori J.	26109	Armament Research Development & Engineering Center	UNKNO WN	11-May-2015	10-May-2016	\$125,500
MA1500067	SDRIC: The Biochemical Spatiotemporal NeTwork Resource (Bio-SNTR) Center	Zhu, Zhengtao	26683	South Dakota State University	UNKNO WN	01-May-2015	30-Jun-2016	\$38,128
MA1600040	Michigan Science Teaching and Assessment Reform (Mi-STAR)	Karlsson, Christer	12662	Michigan Technological University	UNKNO WN	01-Jan-2015	31-Dec-2017	\$40,000

REQUEST FOR STATE BOARD WAIVER

THIS IS A PUBLIC DOCUMENT

Date: June 28, 2016

Name of Board Member or Former Board Member: Heather Wilson

Name of Board, Authority or Commission: South Dakota Science and Technology Authority

Brief explanation of your potential conflict of interest:

I serve as an ex officio non-voting member of the Board of Directors of the South Dakota Science and Technology Authority ("SDSTA"). The School of Mines and Technology is a party to research-related contracts with other state agencies, boards and offices, including contracts with other public colleges and universities in South Dakota. There are at least 30 of these contracts that provide funding for various research activities being undertaken at the School of Mines.

Brief explanation of the current or anticipated business transaction with a State agency or with a political subdivision of the State and your role in the transaction:

I serve as an ex officio non-voting member of the Board of Directors of the South Dakota Science and Technology Authority ("SDSTA"). The School of Mines and Technology is a party to research-related contracts with other state agencies, boards and offices, including contracts with other public colleges and universities in South Dakota. There are at least 30 of these contracts that provide funding for various research activities being undertaken at the School of Mines.

A listing of the business transactions of which I am aware is attached hereto as Exhibit "A."

Brief explanation of the essential terms of the contract or transaction:

My involvement in the transactions, arrangements or relationships disclosed herein is solely by way of my inherent supervisory capacity over all South Dakota School of Mines employees. I do not receive any direct payments on account of any the disclosed transactions, arrangements or relationships.

Brief explanation of why you believe a waiver should be granted:

The Legislature has determined that it is in the interests of the state to encourage relationships between SDSTA and South Dakota universities by making the President of the School of Mines an ex officio member of the SDSTA board of directors. I serve as a non-voting member of the

SDSTA Board. None of the transactions, arrangements or relationships disclosed herein involve contracts with SDSTA.

Signature of Person Requesting Waiver: _____
HEATHER WILSON