

Calendar Year: 2017  
Month: Aug

Award Count: 165  
Award Total: \$45,532,422

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$7,567,682	DOE-US DEPARTMENT OF ENERGY	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY	SCHWARTZ, ADAM	AMES LABORATORY	AMES LABORATORY	004881-00001	Research	1/1/1981	12/31/2021	AUG. 2017	4012501
\$4,409,669	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	HATCH CAPACITY FUNDS	WINTERSTEEN, WENDY	AG EXPERIMENT STATION	AES ADMIN CONTROL	013243-00001	Research	10/1/2014	9/30/2018	AUG. 2017	
\$3,457,330	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017601-00001	Scholarships & Fellowships	6/1/2017	5/31/2018	AUG. 2017	
\$2,700,000	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	STATISTICAL AND SURVEY METHODS SUPPORT FOR THE NATIONAL RESOURCES INVENTORY	ZHU, ZHENGYUAN	COLLEGE OF LIBERAL ARTS & SCIENCES	CTR FOR SURVEY STATISTICS & METHODOLOGY	017301-00001	Research	5/22/2017	6/30/2020	AUG. 2017	4122105
\$2,171,036	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	HATCH MULTISTATE RESEARCH	WINTERSTEEN, WENDY	AG EXPERIMENT STATION	AES ADMIN CONTROL	011281-00001	Research	10/1/2013	9/30/2018	AUG. 2017	4134400
\$1,016,166	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017599-00001	Academic Support	6/1/2017	5/31/2018	AUG. 2017	
\$1,000,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	ACCELERATING CORN ELITE SELECTIONS (ACES) ORGANIC BREEDING PROGRAM (OBP): NOVEL STRATEGIES TO DEVELOP FIELD AND SWEET CORN FOR ORGANIC PRODUCERS	LUBBERSTEDT, THOMAS	AG EXPERIMENT STATION	AGRONOMY	017745-00001	Research	9/1/2017	8/31/2021	AUG. 2017	4164186
\$811,261	DOT-FEDERAL	SUPPORT OF EDC-4	TAYLOR, PETER C	VP FOR	INST FOR	017718-00001	Research	8/7/2017	8/6/2019	AUG.	4361742

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	HIGHWAY ADMINISTRATION (FHWA)	INITIATIVE		RESEARCH	TRANSPORTATION (INTRANS)					2017	
\$774,079	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017605-00001	Institutional Support	6/1/2017	5/31/2018	AUG. 2017	
\$741,232	NSF-NATIONAL SCIENCE FOUNDATION	ROLE OF THE UNFOLDED PROTEIN RESPONSE IN ENVIRONMENTAL STRESS TOLERANCE IN MAIZE	HOWELL, STEPHEN H	PLANT SCIENCES INSTITUTE	PLANT SCIENCES INSTITUTE	015165-00001	Research	3/1/2016	2/28/2019	AUG. 2017	4206608
\$710,551	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	SUPPORT FOR THE APHIS VETERINARY SERVICES EMERGENCY PREPAREDNESS AND RESPONSE TRAINING AND EXERCISE INITIATIVE	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	017673-00001	Public Service	9/30/2017	9/29/2018	AUG. 2017	4120582
\$700,654	IOWA DEPARTMENT OF NATURAL RESOURCES	LEOPOLD CENTER SUPPORT	RASMUSSEN, MARK AXEL	AG EXPERIMENT STATION	LEOPOLD CENTER	008049-00001	Research	5/1/1988	12/31/2017	AUG. 2017	4734201
\$650,463	ED-US DEPARTMENT OF EDUCATION	TESTING THE EFFICACY OF EMBEDDED SOCIAL SKILLS WITHIN A UNIVERSAL CLASSROOM MANAGEMENT PROGRAM: WELL-MANAGED SCHOOLS	REDMOND, CLEVE R	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	015873-00001	Research	7/1/2016	6/30/2018	AUG. 2017	4321705
\$600,000	NSF-NATIONAL SCIENCE FOUNDATION	UNRAVELING CORE DESIGN PRINCIPLES TO EXPLORE THE WORLD OF NONCONVENTIONAL	SHAO, ZENGYI	VP FOR RESEARCH	BIOECONOMY INSTITUTE	017653-00001	Research	9/1/2017	8/31/2020	AUG. 2017	4201792

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		YEASTS									
\$589,453	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017600-00001	Institutional Support	6/1/2017	5/31/2018	AUG. 2017	
\$583,905	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	RULER: A SYSTEM TO DETECT RESOURCE USAGE VULNERABILITIES WITHIN SOFTWARE	KOTHARI, SURAJ C	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	013629-00001	Research	4/13/2015	7/12/2018	AUG. 2017	4212060
\$546,119	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM-IOWA	HRADEK, CHRISTINE ANN	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	011732-00001	Public Service	10/1/2014	9/30/2021	AUG. 2017	4183401
\$529,776	NSF-NATIONAL SCIENCE FOUNDATION	AUTOMATED COLLECTION AND CODING OF ONLINE CAMPAIGN ADVERTISING	PETERSON, DAVID	COLLEGE OF LIBERAL ARTS & SCIENCES	POLITICAL SCIENCE	017618-00001	Research	9/15/2017	8/31/2020	AUG. 2017	4207191
\$523,363	NSF-NATIONAL SCIENCE FOUNDATION	STANDARD: EVALUATION THE SUCCESS OF RCR TRAINING: DEVELOPMENT, VALIDATION, AND APPLICATION OF AN ASSESSMENT TOOL	WOLF, JOHN WILLIAM CLARK	COLLEGE OF LIBERAL ARTS & SCIENCES	PHILOSOPHY	017723-00001	Research	9/1/2017	8/31/2022	AUG. 2017	4200401
\$441,245	NIH-NATIONAL CANCER INSTITUTE (NCI)	ONCOLYTIC REOVIRUS MODULATION OF THE CANCER CELL HYPOXIC RESPONSE	MILLER, CATHY	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	017672-00001	Research	8/3/2017	7/31/2020	AUG. 2017	4302357
\$412,690	NSF-NATIONAL SCIENCE FOUNDATION	DIMENSIONS: COLLABORATIVE RESEARCH: ASSEMBLY AND FUNCTION OF NECTAR MICROBIAL COMMUNITIES	HOWE, ADINA	COLLEGE OF ENGINEERING	AG & BIOSYSTEMS ENGINEERING	017721-00001	Research	9/1/2017	8/31/2022	AUG. 2017	4207280

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\$400,000	NSF-NATIONAL SCIENCE FOUNDATION	CRISP TYPE 2: COLLABORATIVE RESEARCH: UNDERSTANDING THE BENEFITS AND MITIGATING THE RISKS OF INTERDEPENDENCE IN CRITICAL INFRASTRUCTURE SYSTEMS	DOBSON, IAN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	017674-00001	Research	1/1/2018	12/31/2020	AUG. 2017	4207278
\$396,487	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE PROPOSAL: A FRAMEWORK FOR ASSESSING THE IMPACT OF EXTREME HEAT AND DROUGHT CLIMATE SCENARIOS ON URBAN ENERGY PRODUCTION AND CONSUMPTION	CETIN, KRISTEN SARA	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	017664-00001	Research	9/1/2017	8/31/2020	AUG. 2017	4207277
\$385,584	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	NEUROINFLAMMATION AND MICROGLIAL KV1.3 IN PARKINSON'S DISEASE	KANTHASAMY, ANUMANTHA G	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	017675-00001	Research	8/1/2017	4/30/2018	AUG. 2017	4301738
\$375,328	NSF-NATIONAL SCIENCE FOUNDATION	DMREF: COLLABORATIVE RESEARCH FOR THE DESIGN AND SYNTHESIS OF NOVEL MAGNETIC MATERIALS	HO, KAI-MING	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	017756-00001	Research	10/1/2017	9/30/2018	AUG. 2017	4200403
\$366,445	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	STRUCTURAL STUDIES OF A T CELL SPECIFIC TYROSINE KINASE	ANDREOTTI, AMY	COLLEGE OF LIBERAL ARTS & SCIENCES	BIOCHEMISTRY & BIOPHYSICS	012624-00001	Research	9/19/2014	8/31/2018	AUG. 2017	4302123
\$365,573	DOJ-FEDERAL BUREAU OF	VALIDATION AND DISSEMINATION OF	MEISSNER, CHRISTIAN	COLLEGE OF LIBERAL ARTS	PSYCHOLOGY	014710-00001	Research	9/30/2015	9/29/2018	AUG. 2017	4282109

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	INVESTIGATION (FBI)	FBI/HIG RESEARCH ON INTELLIGENCE INTERVIEWING AND INTERROGATION: WHAT WORKS?	AUGUS	& SCIENCES							
\$363,449	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	STRUCTURE AND MECHANISM OF THE ABGT-FAMILY TRANSPORTERS	YU, EDWARD WA-ON	VP FOR RESEARCH	NANOVACCINE INSTITUTE	014387-00001	Research	9/4/2015	8/31/2018	AUG. 2017	4302128
\$345,724	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	ENHANCED SHELF-LIFE NANOVACCINE FORMULATION FOR IMMUNITY TO BIODEFENSE PATHOGENS	NARASIMHAN, BALAJI	VP FOR RESEARCH	NANOVACCINE INSTITUTE	012612-00001	Research	9/1/2014	8/31/2018	AUG. 2017	4302006
\$308,000	NSF-NATIONAL SCIENCE FOUNDATION	SPX: COLLABORATIVE RESEARCH: MULTICORE TO WIDE AREA ANALYTICS ON STREAMING DATA	TIRTHAPURA, SRIKANTA	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	017731-00001	Research	8/15/2017	7/31/2020	AUG. 2017	4207281
\$300,000	NSF-NATIONAL SCIENCE FOUNDATION	IUCRC PROPOSAL PHASE I: IOWA STATE UNIVERSITY, CENTER FOR BIOPLASTICS AND BIOCOMPOSITES	GREWELL, DAVID	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	017642-00001	Research	8/1/2017	7/31/2019	AUG. 2017	4204131
\$300,000	DUPONT	HARVEST AND QUALITY ASSESSMENT OF INDUSTRIAL SCALE BIOMASS, PHASE 6	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	017668-00001	Research	7/1/2017	6/30/2018	AUG. 2017	4004613
\$299,004	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: THEORETICAL IMPACT OF ACQUISITION MECHANISMS ON SYSTEM DESIGN OUTCOMES UNDER UNCERTAINTY	BLOEBAUM, CHRISTINA LYNNE	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	017669-00001	Research	8/15/2017	7/31/2020	AUG. 2017	4206520

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\$287,091	DOJ-FEDERAL BUREAU OF INVESTIGATION (FBI)	TRUST BUILDING STRATEGIES: FACILITATING COOPERATION IN AN INTERROGATIVE CONTEXT	MEISSNER, CHRISTIAN AUGUS	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	014900-00001	Research	9/30/2015	9/29/2018	AUG. 2017	4282115
\$286,457	NSF-NATIONAL SCIENCE FOUNDATION	MRI: ACQUISITION OF A 400 MHZ NUCLEAR MAGNETIC RESONANCE CONSOLE UPGRADE FOR CHEMICAL AND MATERIALS SCIENCE RESEARCH	SADOW, AARON DAVID	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	017705-00001	Research	8/15/2017	7/31/2020	AUG. 2017	4207198
\$280,000	WICHITA STATE UNIVERSITY	ALKALINE MEMBRANE-BASED AMMONIA ELECTROSYNTHESIS WITH HIGH EFFICIENCY FOR RENEWABLE AND SCALABLE LIQUID-FUEL PRODUCTION	LI, WENZHEN	VP FOR RESEARCH	BIOECONOMY INSTITUTE	017444-00001	Research	6/19/2017	6/18/2019	AUG. 2017	4047732
\$274,802	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017603-00001	Operations & Maintenance	6/1/2017	5/31/2018	AUG. 2017	
\$272,247	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	PROJECT NO. 1: HEATED AIRPORT PAVEMENTS	CEYLAN, HALIL	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	010937-00001	Research	8/14/2013	6/30/2018	AUG. 2017	4362008
\$272,013	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: MODELING SAMPLE SELECTION FOR MULTI-LEVEL DATA STRUCTURES	NIEMAN, MARK DAVID	COLLEGE OF LIBERAL ARTS & SCIENCES	POLITICAL SCIENCE	017720-00001	Research	8/15/2017	7/31/2020	AUG. 2017	4207199
\$260,169	NSF-NATIONAL SCIENCE	RI: MEDIUM: COLLABORATIVE	TIAN, JIN	COLLEGE OF LIBERAL ARTS	COMPUTER SCIENCE	017639-00001	Research	8/1/2017	7/31/2020	AUG. 2017	4207195

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	FOUNDATION	RESEARCH: CAUSAL INFERENCE: IDENTIFICATION, LEARNING, AND DECISION-MAKING		& SCIENCES							
\$250,000	DOC-ECONOMIC DEVELOPMENT ADMINISTRATION (EDA)	UNIVERSITY CENTER ECONOMIC DEVELOPMENT PROGRAM	COX, RONALD ARTHUR	COLLEGE OF ENGINEERING	CENTER FOR INDUSTRIAL RESEARCH & SERVICE	010919-00001	Public Service	8/26/2013	7/31/2018	AUG. 2017	4263543
\$246,400	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	DELIVERING, IMPROVING AND MAINTAINING APHIS APPROVED SUPPLEMENTAL TRAINING MODULES FOR THE USDA-APHIS NATIONAL VETERINARY ACCREDITATION	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	017158-00001	Public Service	11/19/2016	11/18/2017	AUG. 2017	4120581
\$239,246	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: TRANSFORMING TEACHING OF STRUCTURAL ANALYSIS THROUGH MOBILE AUGMENTED REALITY	CHEN, AN	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	017637-00001	Research	8/15/2017	7/31/2019	AUG. 2017	4207276
\$237,316	DOJ-FEDERAL BUREAU OF INVESTIGATION (FBI)	COUNTERING RESISTANCE DUE TO IDENTITY AND AFFILIATION CONCERNS: SECRECY AS A THEORETICAL FRAMEWORK FOR ELICITING INFORMATION FROM NON-COMPLIANT SOURCES	MEISSNER, CHRISTIAN AUGUS	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	014711-00001	Research	9/30/2015	9/29/2018	AUG. 2017	4282110
\$217,240	UNIVERSITY OF	DISSECTING NATURAL	NELSON, MARNA	AG	GENETICS	016608-00001	Research	10/1/2016	9/30/2020	AUG.	4044106

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	MINNESOTA TWIN CITIES	MECHANISMS FOR GENOME CONTENT VARIATION AND THE IMPACT ON PHENOTYPIC VARIATION	DARLENE	EXPERIMENT STATION	DEVELOPMENT & CELL BIOLOGY					2017	
\$202,000	DEERE & COMPANY	SPRAYER BOOM HEIGHT CONTROL DEVELOPMENT, PHASE 2	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	017694-00001	Research	7/1/2017	10/31/2018	AUG. 2017	4004616
\$190,008	PURDUE UNIVERSITY	TRANSFORM-PGR: MANIPULATING AGROBACTERIUM-MEDIATED TRANSFORMATION AND T-DNA INTEGRATION FOR PLANT SYNTHETIC BIOLOGY AND GENOME ENGINEERING	WANG, KAN	AG EXPERIMENT STATION	AGRONOMY	017691-00001	Research	8/1/2017	7/31/2021	AUG. 2017	4044229
\$187,500	NIH-NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)	INVESTIGATING MODES OF ACTION OF GLYPHOSATE-INDUCED OVOTOXICITY	KEATING, AILEEN	AG EXPERIMENT STATION	ANIMAL SCIENCE	016109-00001	Research	9/1/2016	8/31/2018	AUG. 2017	4304015
\$187,500	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017612-00001	Research	6/1/2017	5/31/2018	AUG. 2017	
\$187,097	DOD-NATIONAL SECURITY AGENCY (NSA)	TEACHING SECURITY.....AS EASY AS 1, 2, 3 WITH HANDS-ON MODULES FOR THREE COURSES	JACOBSON, DOUG W	COLLEGE OF ENGINEERING	INFORMATION ASSURANCE CENTER	017029-00001	Research	3/30/2017	3/29/2018	AUG. 2017	4212035
\$186,999	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE: DISPOSABLE ALL-GRAPHENE	GOMES, CARMEN LUIZA	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	017757-00001	Research	8/16/2017	5/31/2020	AUG. 2017	4206521



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		MICROFLUIDIC BIOSENSOR FOR REAL-TIME FOODBORNE PATHOGEN DETECTION IN FOOD PROCESSING FACILITIES									
\$186,656	COLORADO STATE UNIVERSITY	ROOT GENETICS IN THE FIELD TO UNDERSTAND DROUGHT ADAPTATION AND CARBON SEQUESTRATION	SCHNABLE, PATRICK S	AG EXPERIMENT STATION	AGRONOMY	017068-00001	Research	7/3/2017	7/2/2018	AUG. 2017	4044228
\$181,524	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: PREDICTIVE MODELING OF MAIZE METABOLISM	MYERS, ALAN M	COLLEGE OF LIBERAL ARTS & SCIENCES	BIOCHEMISTRY & BIOPHYSICS	014185-00001	Research	8/1/2015	7/31/2018	AUG. 2017	4206122
\$172,866	DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST)	DEVELOPMENT OF STANDARDS AND PROTOCOLS FOR A COMPREHENSIVE TRACEABILITY SYSTEM IN THE U.S. GRAIN AND FEED SUPPLY CHAIN	MOSHER, GRETCHEN ANN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	017676-00001	Research	8/1/2017	7/31/2018	AUG. 2017	4264015
\$171,931	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	GEOTECHTOOLS PLATFORM UPGRADE	SCHAEFER, VERNON R	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	017764-00001	Research	8/7/2017	8/7/2018	AUG. 2017	4047736
\$170,000	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017607-00001	Research	6/1/2017	5/31/2018	AUG. 2017	

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\$141,335	SWINE HEALTH INFORMATION CENTER	DEVELOPMENT OF A FMDV 3ABC ANTIBODY ELISA FOR SWINE ORAL FLUID SPECIMENS	ZIMMERMAN, JEFFREY J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	017701-00001	Research	9/1/2017	9/1/2018	AUG. 2017	4592316
\$125,000	IOWA DEPARTMENT OF TRANSPORTATION	DEVELOPMENT OF A COMPREHENSIVE ACCESS MANAGEMENT POLICY AND GUIDELINES	SAVOLAINEN, PETER TARMO	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	013323-00001	Research	1/16/2015	6/30/2018	AUG. 2017	4747718
\$125,000	IOWA DEPARTMENT OF TRANSPORTATION	IOWA DOT OFFICE OF MAINTENANCE SNOW PLOW OPTIMIZATION	DONG, JING	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	017759-00001	Research	7/15/2017	6/30/2019	AUG. 2017	4748021
\$124,934	NSF-NATIONAL SCIENCE FOUNDATION	SIMULATION OF THE WAVE-MATTER INTERACTIONS AT EXTREME SCALES	LUO, SONGTING	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	017641-00001	Research	8/1/2017	7/31/2020	AUG. 2017	4207197
\$124,472	WASHINGTON UNIVERSITY ST LOUIS	MOTOR AND COGNITIVE HEALTH OUTCOMES IN A MN-EXPOSED AFRICAN COMMUNITY	KANTHASAMY, ANUMANTHA G	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	017697-00001	Research	3/1/2017	4/30/2018	AUG. 2017	4047735
\$124,207	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	IMPLEMENTING A MULTIPLE-SLAB RESPONSE MODEL FOR TOP-DOWN CRACKING MODE IN RIGID AIRPORT PAVEMENTS	CEYLAN, HALIL	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	014193-00001	Research	8/15/2015	2/14/2018	AUG. 2017	4362005
\$121,975	DOD-DEFENSE THREAT REDUCTION AGENCY (DTRA)	RAPID SPECTRAL FILTERING AND BROADBAND ABSORPTION FOR DYNAMIC CHARACTERIZATION OF METALLIZED DETONATION FIREBALLS	MICHAEL, JAMES BENNETT	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	017110-00001	Research	4/10/2017	4/9/2020	AUG. 2017	4212038

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\$121,944	MOLECULAR EXPRESS INC DBA APTALOGIC INC	EARLY DIAGNOSIS OF ACUTE KIDNEY INJURY BY APTASENSORS	SHROTRIYA, PRANAV	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	014789-00001	Research	9/14/2015	8/31/2018	AUG. 2017	4042042
\$118,277	UI LABS	AUTOMATED CNC PROCESS PLANNING SOFTWARE: CNC-RP	FRANK, MATTHEW CHARLES	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	017716-00001	Research	8/11/2017	5/11/2018	AUG. 2017	4046091
\$112,233	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	OPTIMIZING OUTBREAK SURVEILLANCE SYSTEM DESIGNS FOR USING COMPOSITE AND INDIVIDUAL ANIMAL DIAGNOSTIC TESTS: ASSESSMENTS OF SYSTEM ACCURACY, CHARACTERIZATION OF TESTING FREQUENCIES AND VOLUMES FOR VARY	ZIMMERMAN, JEFFREY J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	017671-00001	Research	9/1/2017	8/31/2018	AUG. 2017	4122307
\$111,898	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	ICE ADHESION CHARACTERIZATION OF ICEPHOBIC MATERIALS FOR AIRCRAFT ICING MITIGATION	BASTAWROS, ASHRAF	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	016105-00001	Research	9/1/2016	8/31/2019	AUG. 2017	4222023
\$108,087	NATIONAL PORK BOARD	PATHOGENICITY AND ANTIBODY RESPONSES OF DIFFERENT U.S. PEDV STRAINS IN PIGS OF DIFFERENT AGES	ZHANG, JIANQIANG	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	017632-00001	Research	10/1/2017	10/1/2018	AUG. 2017	4532394
\$100,000	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)	VIRTUAL WORKSHOP SUPPORT	TAYLOR, PETER C	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012785-00001	Research	8/13/2014	8/12/2018	AUG. 2017	4361718
\$100,000	DEERE &	TECHNICAL	DARR, MATTHEW	AG	AG & BIOSYSTEMS	017693-00001	Research	7/1/2017	10/31/2018	AUG.	4004615

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	COMPANY	EVALUATION OF SPRAYER LIQUID DISTRIBUTION SPREAD PATTERN USING ESTABLISHED STANDARD FOR PULSED NOZZLES AND TECHNICAL EVALUATION OF SPRAYER BOOM HEIGHT SENSORS	JOHN	EXPERIMENT STATION	ENGINEERING					2017	
\$100,000	NSF-NATIONAL SCIENCE FOUNDATION	SCC-PLANNING: A DATA-DRIVEN FRAMEWORK FOR SMART DECISION-MAKING IN SMALL AND SHRINKING COMMUNITIES	ZARECOR, KIMBERLY ELMAN	COLLEGE OF DESIGN	ARCHITECTURE	017744-00001	Research	9/1/2017	8/31/2018	AUG. 2017	4202901
\$100,000	NSF-NATIONAL SCIENCE FOUNDATION	EAGER: NOVEL BIOBASED CHEMICALS	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	017750-00001	Research	9/1/2017	8/31/2018	AUG. 2017	4207282
\$99,928	IOWA DEPARTMENT OF TRANSPORTATION	LONG TERM PERFORMANCE OF OVERLAYS: THIN EPOXY OVERLAY VS. TRADITIONAL RIGID OVERLAY	FRESEMAN, KATELYN SUE	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	017758-00001	Research	8/1/2017	7/31/2018	AUG. 2017	4748020
\$99,750	NSF-NATIONAL SCIENCE FOUNDATION	TYPE I: IOWA STATE UNIVERSITY I-CORPS SITE: DRIVING INNOVATION THROUGH ENTREPRENEURIAL TALENT	RAO, ARAGULA GURURAJ	VP FOR RESEARCH	VP FOR RESEARCH	017636-00001	Research	9/1/2017	8/31/2018	AUG. 2017	4201790
\$98,343	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: INTERACTIVE ONLINE SUPPORT FOR OPEN-ENDED PROBLEM	HOLME, THOMAS	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	017640-00001	Research	9/1/2017	8/31/2020	AUG. 2017	4207196

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		SOLVING SPANNING SCIENCE PRACTICES AND DOMAIN TOPICS									
\$98,000	NSF-NATIONAL SCIENCE FOUNDATION	PRECISION RR LYRAE DISTANCES FOR A POPULATION II ROUTE TO THE DISTANCE SCALE	MARENGO, MASSIMO	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	017735-00001	Research	9/1/2017	8/31/2018	AUG. 2017	4200402
\$93,900	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	INTEGRATIVE GENOMICS APPROACH TO COMPUTATIONAL ASSESSMENT OF THREATS (IGACAT)	FRIEDBERG, IDDO	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	017717-00001	Research	6/16/2017	11/30/2018	AUG. 2017	4042323
\$89,559	UNIVERSITY OF TEXAS AUSTIN	NOVEL SIMULATION TECHNOLOGIES FOR BHV LONG-TERM DURABILITY	HSU, MING-CHEN	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	015929-00001	Research	5/19/2016	4/30/2020	AUG. 2017	4046054
\$89,532	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017611-00001	Scholarships & Fellowships	6/1/2017	5/31/2018	AUG. 2017	
\$88,095	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017606-00001	Scholarships & Fellowships	6/1/2017	5/31/2018	AUG. 2017	
\$80,997	NATIONAL PORK BOARD	DETERMINING THE TOPICAL AND ORAL PHARMACOKINETICS OF FLUXIN MEGLUMINE IN PRE-WEAN PIGLETS AND DEVELOPING TOOLS FOR DRUG STUDY IN PRE-WEAN PIGLETS	KARRIKER, LOCKE A	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	017714-00001	Research	10/1/2017	10/1/2018	AUG. 2017	4532396
\$80,000	DOD-ARMY RESEARCH LABORATORY (ARL)	HIGH-FIDELITY PHYSICAL MODELING OF SPRAY-WALL INTERACTIONS FOR	KONG, SONG-CHARNG	VP FOR RESEARCH	BIOECONOMY INSTITUTE	016123-00001	Research	9/1/2016	8/31/2018	AUG. 2017	4211706

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		OPTIMIZED ENGINE PERFORMANCE USING MILITARY FUELS									
\$74,242	SYNGENTA SEEDS INC	EXPLORATORY RESEARCH ON CRITICAL FACTORS, POTENTIAL METHODS, SOFTWARE AND USABILITY-UTILITY TRADE-OFF FOR SEED VARIETY SELECTION, STAGE 2	OLAFSSON, SIGURDUR	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	017703-00001	Research	8/1/2017	7/31/2018	AUG. 2017	4006240
\$70,916	NIH-NATIONAL CANCER INSTITUTE (NCI)	MICROBIOME DYNAMICS DURING CANCER PROGRESSION	PHILLIPS, GREGORY J	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	017763-00001	Research	8/1/2017	7/31/2018	AUG. 2017	4302359
\$70,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	LOCAL FOOD AND FARM PROGRAM FY 2018	CHASE, CRAIG ALAN	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	017771-00001	Public Service	7/1/2017	6/30/2019	AUG. 2017	4713073
\$68,046	MICHIGAN STATE UNIVERSITY	LEGUME SCHOLARS AWARD	LENSSEN, ANDREW WILLIAM	AG EXPERIMENT STATION	AGRONOMY	014412-00001	Scholarships & Fellowships	8/16/2015	11/30/2017	AUG. 2017	4044090
\$65,329	NSF-NATIONAL SCIENCE FOUNDATION	MICRO-MACRO DECOMPOSITION NUMERICAL SCHEMES FOR MULTISCALE SIMULATION OF PLASMA	ROSSMANITH, JAMES	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	016149-00001	Research	9/1/2016	8/31/2019	AUG. 2017	4207168
\$63,113	NEH-NATIONAL ENDOWMENT FOR THE HUMANITIES	REVOLUTIONS IN THE HISTORY OF EARLY MODERN PHILOSOPHY AND SCIENCE	MILLER, DAVID MARSHALL	COLLEGE OF LIBERAL ARTS & SCIENCES	PHILOSOPHY	017663-00001	Public Service	10/1/2017	12/31/2018	AUG. 2017	4282118
\$62,933	NSF-NATIONAL SCIENCE FOUNDATION	DIAMETRIC EXTREMES IN THE IONIC CONDUCTIVITY OF MIXED GLASS FORMER	MARTIN, STEVE WARTHEN	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	010737-00001	Research	7/1/2013	6/30/2018	AUG. 2017	4206247

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		SOLID ELECTROLYTES									
\$61,875	UNIVERSITY OF NEBRASKA MEDICAL CENTER	PREDICTIONS OF DRIVER SAFETY IN ADVANCING AGE: REAL-WORLD RECORDERS	SHARMA, ANUJ	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	017270-00001	Research	5/1/2017	5/31/2018	AUG. 2017	4047730
\$60,000	NATIONAL PORK BOARD	COVER CROPS, TIMING, AND COMPACTION: EVALUATING PRACTICES TO IMPROVE MANURE NITROGEN MANAGEMENT	ANDERSEN, DANIEL S	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	017631-00001	Research	10/1/2017	1/1/2019	AUG. 2017	4534085
\$58,598	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	CFP17 NIGERIA WOMEN IN AG @ISU	LUVAGA, EBBY S	AG EXPERIMENT STATION	GLOBAL AG PROGRAMS	017706-00001	Scholarships & Fellowships	8/22/2017	8/21/2018	AUG. 2017	4124651
\$57,214	NSF-NATIONAL SCIENCE FOUNDATION	IPA ASSIGNMENT FOR PHILIP BECRAFT	BECAFT, PHILIP W	AG EXPERIMENT STATION	GENETICS DEVELOPMENT & CELL BIOLOGY	016081-00001	Public Service	8/21/2016	12/20/2017	AUG. 2017	4204118
\$55,317	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017604-00001	Academic Support	6/1/2017	5/31/2018	AUG. 2017	
\$55,000	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	HIGH-PERFORMANCE CATALYSTS FOR THE REDUCTION OF CO2 AND TRASH-DERIVED GAS: ADVANCING ISRU TECHNOLOGIES TO FUEL THE MISSIONS TO MARS	TESSONNIER, JEAN-PHILIPPE	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	016209-00001	Scholarships & Fellowships	9/1/2016	8/31/2018	AUG. 2017	4222025
\$52,000	HHS-FOOD & DRUG ADMINISTRATION (FDA)	ISU - VET-LIRN INFRASTRUCTURE	RUMBEIHA, WILSON K	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	017742-00001	Research	8/1/2017	5/31/2018	AUG. 2017	4302358
\$50,000	DOT-FEDERAL	TECHNICAL SUPPORT	TAYLOR, PETER C	VP FOR	INST FOR	017436-00001	Research	6/26/2017	6/25/2019	AUG.	4361737

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	HIGHWAY ADMINISTRATION (FHWA)	FOR REAL-TIME SMOOTHNESS MEASURING TECHNOLOGIES		RESEARCH	TRANSPORTATION (INTRANS)					2017	
\$50,000	BECHTEL MARINE PROPULSION CORPORATION-KNOLLS ATOMIC POWER LABORATORY	TANGIBLE MIXED REALITY FOR TRAINING - DIESEL GENERATOR DEMONSTRATOR	RADKOWSKI, RAFAEL	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	017645-00001	Research	7/28/2017	2/28/2018	AUG. 2017	4006558
\$50,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	MOVING LIVESTOCK RESEARCH FORWARD	REECY, JAMES M	AG EXPERIMENT STATION	ANIMAL SCIENCE	017677-00001	Public Service	8/15/2017	8/14/2018	AUG. 2017	4164193
\$50,000	SYNOPTIC DATA CORP	NATIONAL MESONET PROGRAM	ARRITT, RAYMOND W	AG EXPERIMENT STATION	AGRONOMY	017708-00001	Research	1/17/2017	1/16/2018	AUG. 2017	4044112
\$48,000	DOD-ARMY RESEARCH OFFICE (ARO)	NON-EQUILIBRIUM QUANTUM PHASE DISCOVERY VIA NON-THERMAL ULTRAFAST QUENCH NEAR QUANTUM CRITICAL POINTS	WANG, JIGANG	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	013699-00001	Research	6/1/2015	5/31/2018	AUG. 2017	4212109
\$46,000	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: I/UCRC: CENTER FOR BIOPLASTICS AND BIOCOSMOSIS	GREWELL, DAVID	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	012567-00001	Research	9/15/2014	8/31/2019	AUG. 2017	4204027
\$44,911	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	HIGH GYPSUM APPLICATION RATES IMPACT ON SOIL CATION BALANCE, WATER SOLUBLE PHOSPHORUS, SOIL PHYSICAL PROPERTIES, AND	MALLARINO, ANTONIO P	AG EXPERIMENT STATION	AGRONOMY	017688-00001	Research	7/1/2017	6/30/2019	AUG. 2017	4714022



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		CROP YIELD									
\$42,253	NATIONAL PORK BOARD	PROVIDING HUMANE ON-FARM HANDLING TOOLS TO MOVE NON-AMBULATORY MARKET WEIGHT PIG	BUTTERS-JOHNSON, ANNA KER	AG EXPERIMENT STATION	ANIMAL SCIENCE	017712-00001	Research	9/1/2017	9/1/2018	AUG. 2017	4534086
\$40,452	FISHER CONTROLS	OPTIMIZATION OF POWDER-BED LASER-BASED ADDITIVE PROCESSING, PHASE 2	NAPOLITANO, RALPH EDWARD	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	017734-00001	Research	7/1/2017	6/30/2018	AUG. 2017	4006245
\$40,000	ARIZONA STATE UNIVERSITY	LEVERAGING CONSERVATION VOLTAGE REDUCTION FOR ENERGY EFFICIENCY, DEMAND SIDE CONTROL AND VOLTAGE STABILITY ENHANCEMENT IN INTEGRATED TRANSMISSION AND DISTRIBUTION SYSTEMS (S-70)	WANG, ZHAOYU	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	016101-00001	Research	8/22/2016	8/31/2018	AUG. 2017	4006055
\$39,678	ED-US DEPARTMENT OF EDUCATION	PELL GRANT, FY17	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	015590-00001	Student Financial Aid	7/1/2016	6/30/2017	AUG. 2017	4325773
\$39,033	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	2017 BORLAUG FELLOWSHIP - SOUTH AFRICA - ANIMAL HEALTH - REPRODUCTIVE TECHNOLOGIES FOR INDIGENOUS PIGS	YOUNGS, CURTIS R	AG EXPERIMENT STATION	GLOBAL AG PROGRAMS	017657-00001	Instruction	8/2/2017	8/28/2017	AUG. 2017	4124567
\$37,867	UNIVERSITY OF WISCONSIN MADISON	THE UPPER MIDWESTERN CENTER OF EXCELLENCE FOR VECTOR-BORNE DISEASES	SMITH, RYAN CHAD	AG EXPERIMENT STATION	ENTOMOLOGY	016886-00001	Research	12/30/2016	12/29/2017	AUG. 2017	4044108

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\$37,092	ROLLS ROYCE	THZ CMC EVALUATION	CHIOU, CHIEN-PING	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	017715-00001	Research	9/1/2017	3/31/2018	AUG. 2017	4006559
\$37,027	UNIVERSITY OF CALIFORNIA DAVIS	CHARACTERIZE CALIFORNIA-SPECIFIC CATTLE FEED RATIONS AND IMPROVE MODELING OF ENTERIC FERMENTATION FOR CALIFORNIA'S GHG INVENTORY	JAYASOORIYA-ARACHCHIGE, R	AG EXPERIMENT STATION	ANIMAL SCIENCE	017730-00001	Research	5/15/2017	8/15/2017	AUG. 2017	4004617
\$36,000	DEERE & COMPANY	VERTICAL TILLAGE BENCHMARKING STUDY	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	017647-00001	Research	3/1/2017	10/31/2017	AUG. 2017	4004611
\$35,000	ARIZONA STATE UNIVERSITY	LEVERAGING CONSERVATION VOLTAGE REDUCTION FOR ENERGY EFFICIENCY, DEMAND SIDE CONTROL AND VOLTAGE STABILITY ENHANCEMENT IN INTEGRATED TRANSMISSION AND DISTRIBUTION SYSTEMS	AJJARAPU, VENKATARAMANA	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	016099-00001	Research	8/1/2016	8/31/2018	AUG. 2017	4006054
\$35,000	ARIZONA STATE UNIVERSITY	ATTACK-RESILIENT AND SECURE EMS: DESIGN, ALGORITHMS, OPERATIONAL PROTOCOLS, AND EVALUATION (S-72)	GOVINDARASU, MANIMARAN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	016102-00001	Research	8/1/2016	8/31/2018	AUG. 2017	4006056
\$34,637	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	BFP17 KENYA (KIMANI) PLANT HEALTH @ISU	MUNKVOLD, GARY PHILLIP	AG EXPERIMENT STATION	GLOBAL AG PROGRAMS	017770-00001	Instruction	8/12/2017	9/30/2017	AUG. 2017	4124087
\$33,862	DOI-US FISH &	STOPOVER ECOLOGY	DINSMORE,	AG	NATURAL RESOURCE	017695-00001	Research	7/18/2017	6/30/2019	AUG.	4244020

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	WILDLIFE SERVICE (USFWS)	OF THE LEAST SANDPIPER IN IOWA	STEPHEN J	EXPERIMENT STATION	ECOLOGY & MGMT					2017	
\$32,044	NIH-NATIONAL INSTITUTES OF HEALTH	EXPANDING THE UTILITY OF SEVERE COMBINED IMMUNO-DEFICIENT (SCID) PIG MODELS	TUGGLE, CHRISTOPHER KEITH	AG EXPERIMENT STATION	ANIMAL SCIENCE	013712-00001	Research	5/1/2015	1/31/2018	AUG. 2017	4304011
\$31,439	IOWA DEPARTMENT OF NATURAL RESOURCES	MONARCH BUTTERFLY OUTREACH PROGRAM WITH PRAIRIE LAKES AREA EDUCATION AGENCY	HIGGINS, CHADWICK CHARLES	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	017638-00001	Public Service	7/24/2017	1/15/2019	AUG. 2017	4733064
\$30,711	KINGLAND SYSTEMS CORPORATION	EFFICIENT DETECTION OF RECORD INCONSISTENCIES	CAI, YING	COLLEGE OF ENGINEERING	CENTER FOR INDUSTRIAL RESEARCH & SERVICE	017652-00001	Research	8/1/2017	7/31/2018	AUG. 2017	4003501
\$30,000	USA DRY PEA & LENTIL COUNCIL	ACUTE EFFECTS OF WHOLE VS. POWDERED GREEN PEA AND LENTIL CASSEROLES ON GLYCEMIC RESPONSE IN ADULTS WITH TYPE 2 DIABETES	WINHAM, DONNA	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	017681-00001	Research	7/1/2017	6/30/2018	AUG. 2017	4004614
\$29,900	ARIZONA STATE UNIVERSITY	FUNCTIONAL ASSESSMENT OF DFIG AND PMSG-BASED WIND TURBINES FOR GRID SUPPORT APPLICATIONS (S-73G)	WANG, ZHAOYU	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	016103-00001	Research	6/1/2016	8/31/2018	AUG. 2017	4006057
\$29,700	UNIVERSITY OF NORTHERN IOWA	STATEWIDE STEM MONITORING PROJECT	KEMIS, MARI REHM	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	017683-00001	Research	6/1/2017	5/31/2018	AUG. 2017	4752825
\$26,988	DEERE & COMPANY	COMBINE SIMULATOR DEMONSTRATION UNIT	LUECKE, GREG R	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	017769-00001	Research	8/14/2017	12/31/2017	AUG. 2017	4006526

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\$26,850	UNIVERSITY OF REGENSBURG	FUNCTIONAL ANALYSIS OF CRITICAL GENES DURING MAIZE FERTILIZATION AND EMBRYO DEVELOPMENT	WANG, KAN	AG EXPERIMENT STATION	AGRONOMY	017746-00001	Research	7/3/2017	7/1/2018	AUG. 2017	4004618
\$26,588	IOWA PORK PRODUCERS ASSOCIATION	DEVELOPMENT OF PRRS OUTBREAK INVESTIGATION AND DATA MANAGEMENT/ ANALYSIS PROGRAM FOR BREEDING HERDS IN REGIONAL PRRSV PROJECTS IN IOWA	HOLTKAMP, DERALD J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	010780-00001	Research	5/2/2013	6/15/2018	AUG. 2017	4522301
\$25,500	NSF-NATIONAL SCIENCE FOUNDATION	CRII: CPS: A KNOWLEDGE REPRESENTATION AND INFORMATION FUSION FRAMEWORK FOR DECISION MAKING IN COMPLEX CYBER-PHYSICAL SYSTEMS	SARKAR, SOUMIK	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	013730-00001	Research	5/15/2015	4/30/2018	AUG. 2017	4206294
\$25,000	OSTEO CERAMICS INC	MARKETING EXPERIMENTS FOR INDUCED BONE REGENERATION	HOEFLE, WILLIAM D	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	006465-00001	Research	7/1/2003	12/31/2017	AUG. 2017	4002311
\$25,000	UNIVERSITY OF BRITISH COLUMBIA	EVALUATION OF SUNFLOWER PRE-BRED LINES FOR STRESS RESISTANCE AND ASSOCIATED TRADE-OFFS WITH YIELD	MAREK, LAURA FREDRICK	AG EXPERIMENT STATION	AGRONOMY	017665-00001	Research	4/1/2017	8/31/2019	AUG. 2017	4004612
\$25,000	NATIONAL PORK BOARD	EVALUATION OF THE EPITOPE DRIVEN PDNA VACCINE	OPRIESSNIG, TANJA I	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	017713-00001	Research	9/1/2017	9/1/2018	AUG. 2017	4532395

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		PIGMATRIX EDV IN THE PIG MODEL AS A CANDIDATE VACCINE FOR UNIVERSAL FLU PROTECTION									
\$25,000	RENEWABLE ENERGY GROUP	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	017729-00001	Research	9/25/2017	9/24/2018	AUG. 2017	
\$20,417	DEERE & COMPANY	OPTIMIZATION OF POWDER-BED LASER-BASED ADDITIVE PROCESSING, PHASE 2	NAPOLITANO, RALPH EDWARD	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	017733-00001	Research	7/1/2017	6/30/2018	AUG. 2017	4006244
\$20,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	CYCLONE SCHOLARS: PREPARING MULTICULTURAL STUDENTS FOR CAREERS IN OBESITY AND CHRONIC DISEASE PREVENTION	MACDONALD, RUTH SEAMAN	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	013787-00001	Scholarships & Fellowships	5/15/2015	5/14/2020	AUG. 2017	4164546
\$20,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 50	ROBERTS, RONALD ALLEN	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	016992-00001	Research	2/1/2017	11/30/2017	AUG. 2017	4006229
\$20,000	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017608-00001	Operations & Maintenance	6/1/2017	5/31/2018	AUG. 2017	
\$20,000	NATIONAL CONSORTIUM FOR GRADUATE DEGREES FOR MINORITIES IN ENGINEERING & SCIENCE (GEM)	GEM - TRISHA COPELAND-JOHNSON	SOMANI, ARUN K	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	017724-00001	Scholarships & Fellowships	8/16/2017	5/15/2019	AUG. 2017	4006243
\$20,000	ARIZONA STATE	DEVELOPMENT OF	WANG, LIZHI	COLLEGE OF	INDUSTRIAL &	017726-00001	Research	7/1/2017	8/31/2018	AUG.	4006242

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**Award Count:** 165  
**Award Total:** \$45,532,422

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
	UNIVERSITY	EXPANSION PLANNING METHODS AND TOOLS FOR HANDLING UNCERTAINTY		ENGINEERING	MANUFACTURING SYSTEMS ENGR					2017	
\$19,915	BOEING COMPANY	DIVERSITY AND INTEGRITY FOR CYBER RESILIENCE OF LEGACY INDUSTRIAL CONTROL AND COMBAT SYSTEMS	TYAGI, AKHILESH	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	017760-00001	Research	8/21/2017	9/21/2017	AUG. 2017	4046092
\$18,750	AMERICAN PHYSICAL SOCIETY (APS)	APS CONFERENCE FOR UNDERGRADUATE WOMEN IN PHYSICS II	SANCHEZ, MAYLY	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	017722-00001	Research	9/1/2017	7/30/2018	AUG. 2017	4046151
\$17,500	COMMAND PACKAGING	POLYMER AND FOOD PROTECTION CONSORTIUM 2017 MEMBERSHIP COMMAND PACKAGING/ENCORE RECYCLING 2017 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	017666-00001	Research	5/1/2017	4/30/2018	AUG. 2017	
\$17,500	ARIZONA STATE UNIVERSITY	DEVELOPMENT OF EXPANSION PLANNING METHODS AND TOOLS FOR HANDLING UNCERTAINTY	MCCALLEY, JAMES D	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	017682-00001	Research	8/1/2017	8/31/2018	AUG. 2017	4006241
\$16,500	SWINE HEALTH INFORMATION CENTER	MAINTENANCE AND ENHANCEMENT OF THE TRANSBOUNDARY SWINE DISEASE INFORMATION RESOURCE	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	015576-00001	Public Service	8/15/2016	8/15/2018	AUG. 2017	4592304
\$15,000	IOWA BEEF INDUSTRY COUNCIL	IOWA BEEF ECONOMIC IMPACT STUDY	SCHULZ, LEE L	UNIVERSITY & COOPERATIVE EXTENSION	ECONOMICS	017630-00001	Research	7/1/2017	12/31/2017	AUG. 2017	4543001
\$14,569	IOWA DEPARTMENT OF	SAMPLING TO ASSESS POST-STOCKING	WEBER, MICHAEL JOHN	AG EXPERIMENT	NATURAL RESOURCE ECOLOGY & MGMT	017635-00001	Research	8/1/2017	12/31/2017	AUG. 2017	4734131

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Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
	NATURAL RESOURCES	SURVIVAL OF AGE-0 WALLEYE		STATION							
\$12,087	CITY OF INDEPENDENCE	CITY OF INDEPENDENCE COMMUNITY SURVEY, 2017	LADJAHASAN, NORA MARTINEZ	UNIVERSITY & COOPERATIVE EXTENSION	COMMUNITIES-EXTENSION	017634-00001	Public Service	7/1/2017	1/31/2018	AUG. 2017	4003972
\$12,000	DECATUR COUNTY COMMUNITY SERVICES	MENTAL HEALTH SERVICES CROSS REGION STRATEGIC PLAN	ADAMS, STEVEN L	UNIVERSITY & COOPERATIVE EXTENSION	COMMUNITIES-EXTENSION	017670-00001	Public Service	4/9/2017	9/30/2017	AUG. 2017	4003973
\$11,113	VARIOUS ISUF DONORS- NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017610-00001	Institutional Support	6/1/2017	5/31/2018	AUG. 2017	
\$10,800	MORRIS ANIMAL FOUNDATION	CIRCULATING THROMBOPOIETIN LEVELS IN DOGS WITH IMMUNE THROMBOCYTOPENIA: GATEWAY TO A NOVEL THERAPY	LEVINE, DANA NICOLE	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	017687-00001	Research	9/1/2017	8/31/2018	AUG. 2017	4006383
\$10,000	CITY OF CLIVE IOWA	CITY OF CLIVE TESTING PROTOCOL	TAYLOR, PETER C	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	017644-00001	Research	8/1/2017	10/1/2017	AUG. 2017	4007759
\$10,000	HONEYWELL	PRELIMINARY STUDY OF NONDESTRUCTIVE INSPECTION OF RAIL TIMBER CROSSTIES	EISENMANN, DAVID J	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	017685-00001	Research	7/1/2017	8/31/2017	AUG. 2017	4002592
\$10,000	IOWA DEPARTMENT OF CULTURAL AFFAIRS DBA IOWA ARTS COUNCIL	AMY WORTHEN EXHIBITION FUNDING	POHLMAN, LYNETTE L	SR VP FOR UNIV SERVICES	UNIVERSITY MUSEUMS	017698-00001	Public Service	7/1/2017	6/30/2018	AUG. 2017	4781601
\$9,125	IOWA DEPARTMENT OF NATURAL	GENETIC IDENTIFICATION OF HYBRID STRIPED	ROE, KEVIN J	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	017696-00001	Research	8/1/2017	1/31/2018	AUG. 2017	4734122

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Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
	RESOURCES	BASS									
\$8,000	SOIL HEALTH INSTITUTE	B-GLUCOSIDASE TO PHENOL OXIDASE RATIO - A SOIL HEALTH INDEX THAT ISOLATES MANAGEMENT EFFECT FROM THE NOISE	MCDANIEL, MARSHALL DOUGLA	AG EXPERIMENT STATION	AGRONOMY	017766-00001	Research	9/1/2017	1/1/2018	AUG. 2017	4004608
\$6,329	IOWA DEPARTMENT OF PUBLIC HEALTH	EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC) PROGRAM COMPONENTS	SMITH, RYAN CHAD	AG EXPERIMENT STATION	ENTOMOLOGY	016438-00001	Research	8/1/2016	7/31/2017	AUG. 2017	4784044
\$6,290	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	PLANT EXPLORATION IN FLORIDA FOR WILD RELATIVES OF AMARANTH, MILLETS, BEDDING PLANTS, CORN AND QUINOA	MAREK, LAURA FREDRICK	AG EXPERIMENT STATION	AGRONOMY	017661-00001	Research	7/1/2017	9/30/2018	AUG. 2017	4194038
\$5,500	BAYER CROPSCIENCE	NON-CONFIDENTIAL FIELD TRIALS	LEANDRO, LEONOR F S	AG EXPERIMENT STATION	PLANT PATHOLOGY	017704-00001	Research	10/1/2013	9/30/2014	AUG. 2017	
\$5,000	AMERICAN EGG BOARD	EFFECT OF EGG CONSUMPTION ON INFLAMMATORY MARKERS AND BODY COMPOSITION IN DIVISION I COLLEGIATE FEMALE GYMNASTS	LITCHFIELD, RUTH E	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION	017751-00001	Research	8/15/2017	8/14/2018	AUG. 2017	4592802
\$4,000	VALENT USA CORPORATION	NON-CONFIDENTIAL FIELD TRIAL	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	017686-00001	Research	6/1/2017	12/31/2017	AUG. 2017	
\$3,883	IOWA	MOU-2018-ISU25	SHELLEY, MACK	COLLEGE OF	POLITICAL SCIENCE	017643-00001	Research	7/1/2017	6/30/2018	AUG.	4782125



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	DEPARTMENT OF PUBLIC HEALTH		CLAYTON	LIBERAL ARTS & SCIENCES						2017	
\$3,724	ED-US DEPARTMENT OF EDUCATION	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY17	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	015589-00001	Scholarships & Fellowships	7/1/2016	6/30/2017	AUG. 2017	4325772
\$3,497	ADISSEO FRANCE SAS	EFFECT OF A PROBIOTIC ON LAWSONIA INTRACELLULARIS CHALLENGE IN THE CONVENTIONAL PIG MODEL	OPRIESSNIG, TANJA I	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	017025-00001	Research	2/15/2017	2/14/2018	AUG. 2017	4006367
\$1,440	IOWA DEPARTMENT OF NATURAL RESOURCES	SHALLOW LAKES MONITORING ANALYTICAL SUPPORT	WILKINSON, GRACE MARIE	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	017307-00001	Research	4/15/2017	4/15/2018	AUG. 2017	4734495
\$650	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017602-00001	Research	6/1/2017	5/31/2018	AUG. 2017	
\$522	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	012954-00001	Public Service	10/1/2014	9/30/2015	AUG. 2017	4192345
\$275	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017609-00001	Academic Support	6/1/2017	5/31/2018	AUG. 2017	
\$125	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	ALLEN, BENJAMIN J	PRESIDENT	PRESIDENT	017613-00001	Operations & Maintenance	6/1/2017	5/31/2018	AUG. 2017	