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**Month:** Jul

**Award Count:** 143  
**Award Total:** \$26,713,026

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$2,512,900	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019264-00001	Institutional Support	6/1/2018	5/31/2019	JULY 2018	
\$1,725,532	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019269-00001	Institutional Support	6/1/2018	5/31/2019	JULY 2018	
\$1,491,568	NSF-NATIONAL SCIENCE FOUNDATION	ABR-PG: SEQUENCE RESOURCES FOR COTTON, A MODEL SYSTEM FOR ALLOPOLYPLOID CROPS	WENDEL, JONATHAN F	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	019213-00001	Research	12/1/2017	3/31/2019	JULY 2018	4200428
\$1,230,565	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	2018 HATCH MULTISTATE FUNDING	COLLETTI, JOE PAUL	AG EXPERIMENT STATION	AES ADMIN CONTROL	018266-00001	Research	10/1/2017	9/30/2019	JULY 2018	4134800
\$1,180,000	IOWA DEPARTMENT OF TRANSPORTATION	RESEARCH PROJECTS FOR THE IOWA DOT OFFICE OF TRANSPORTATION OPERATIONS AND THE TRANSPORTATION OPERATIONS ENGINEER	HAWKINS, NEAL R	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019312-00001	Research	7/1/2018	6/30/2019	JULY 2018	4748085
\$1,098,718	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019265-00001	Scholarships & Fellowships	6/1/2018	5/31/2019	JULY 2018	
\$1,050,000	IOWA BOARD OF REGENTS	REGENTS INNOVATION FUND APPROPRIATION	JOHANSEN, KRISTINE ANN	PRESIDENT	ECONOMIC DVLPMENT & INDUSTRY RELATIONS	019308-00001	Research	7/1/2018	6/30/2020	JULY 2018	4751907
\$999,919	NSF-NATIONAL SCIENCE FOUNDATION	CC* INTEGRATION: END-TO-END SOFTWARE-DEFINED CYBERINFRASTRUCTURE FOR SMART AGRICULTURE AND	ZHANG, HONGWEI	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	019309-00001	Research	10/1/2018	9/30/2020	JULY 2018	4207014

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		TRANSPORTATION									
\$796,000	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019271-00001	Research	6/1/2018	5/31/2019	JULY 2018	
\$769,470	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	6/30/2019	JULY 2018	4321705
\$750,000	THE ROCKEFELLER FOUNDATION	GLOBAL PARTNERSHIP FOR INNOVATION IN POST-HARVEST LOSS AND FOOD WASTE REDUCTION	MAIER, DIRK EBERHARD	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	019210-00001	Research	6/1/2018	5/31/2021	JULY 2018	4004715
\$677,000	NSF-NATIONAL SCIENCE FOUNDATION	ELUCIDATION OF ROLES THAT PROTEIN ACETYLATION PLAYS IN MEDIATING PLANT-PATHOGEN INTERACTIONS	WALLEY, JUSTIN WILLIAM	AG EXPERIMENT STATION	PLANT PATHOLOGY	019294-00001	Research	8/1/2018	7/31/2022	JULY 2018	4204141
\$501,710	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019277-00001	Operations & Maintenance	6/1/2018	5/31/2019	JULY 2018	
\$499,722	NSF-NATIONAL SCIENCE FOUNDATION	CHS:SMALL: A SPATIAL COGNITIVE FRAMEWORK FOR PERSONALIZING LOCOMOTION IN VIRTUAL ENVIRONMENTS	KELLY, JONATHAN	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	019330-00001	Research	8/1/2018	7/31/2021	JULY 2018	4206524
\$400,000	NSF-NATIONAL SCIENCE FOUNDATION	SATC: CORE: MEDIUM: COLLABORATIVE: TOWARDS BUILDING ROBUST MACHINE	GONG, ZHENQIANG	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	019284-00001	Research	8/1/2018	7/31/2022	JULY 2018	4207011

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		LEARNING SYSTEMS									
\$376,018	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	SIGNAL INTEGRATION FROM MEMBRANES TO THE ACTIN CYTOSKELETON	CHEN, BAOYU	AG EXPERIMENT STATION	BIOCHEMISTRY & BIOPHYSICS	019328-00001	Research	8/1/2018	7/31/2019	JULY 2018	4304022
\$364,940	IOWA DEPARTMENT OF EDUCATION	STATE OF IOWA LIBRARIES ONLINE PROJECT (SILO)	MCNEIL, MARY ELIZABETH	LIBRARY	LIBRARY	015650-00001	Public Service	7/1/2016	6/30/2019	JULY 2018	4720901
\$356,967	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH	VIPER: VIRUSES AND INSECTS AS PLANT ENHANCEMENT RESOURCES	WHITHAM, STEVEN ALAN	AG EXPERIMENT STATION	PLANT PATHOLOGY	017414-00001	Research	7/1/2017	12/31/2018	JULY 2018	4044116
\$349,601	IOWA DEPARTMENT OF TRANSPORTATION	EVALUATION OF OTTA SEAL SURFACING FOR LOW-VOLUME ROADS IN IOWA, PHASE II	CEYLAN, HALIL	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019211-00001	Research	7/1/2018	6/30/2021	JULY 2018	4748082
\$345,361	ED-US DEPARTMENT OF EDUCATION	PELL GRANT, FY18	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	017207-00001	Student Financial Aid	7/1/2017	6/30/2018	JULY 2018	4325783
\$318,600	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	APHIS NBAF SCIENTIST TRAINING PROGRAM (NSTP)	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	019282-00001	Scholarships & Fellowships	8/1/2018	7/31/2022	JULY 2018	4125501
\$293,453	NSF-NATIONAL SCIENCE FOUNDATION	RESEARCH: WORKPLACE SOCIALIZATION IN THE AEROSPACE ENGINEERING PROFESSION	AHN, BENJAMIN	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	019287-00001	Research	9/1/2018	8/31/2021	JULY 2018	4207012
\$287,250	IOWA ECONOMIC DEVELOPMENT AUTHORITY	BATTERIES: STRONG, HIGH LI+ION CONDUCTIVITY, LI-IMPERMEABLE THIN-RIBBON GLASSY SOLID ELECTROLYTES	MARTIN, STEVE WARTHEN	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	019201-00001	Research	10/1/2017	1/31/2020	JULY 2018	4782048

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\$287,042	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	MECHANISM AND ENGINEERING OF IGG-BASED MONOCLONAL ANTIBODY/RECEPTOR INTERACTIONS	BARB, ADAM	COLLEGE OF LIBERAL ARTS & SCIENCES	BIOCHEMISTRY & BIOPHYSICS	014403-00001	Research	8/1/2015	6/30/2019	JULY 2018	4302129
\$270,665	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM - IOWA 2018	HRADEK, CHRISTINE ANN	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	018008-00001	Public Service	10/1/2017	9/30/2022	JULY 2018	4183019
\$270,367	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019267-00001	Operations & Maintenance	6/1/2018	5/31/2019	JULY 2018	
\$253,373	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019270-00001	Scholarships & Fellowships	6/1/2018	5/31/2019	JULY 2018	
\$251,893	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	BIOMIMETIC RECEPTORS FOR SMALL HYDROPHOBIC DRUGS, CARBOHYDRATES, AND OLIGOPEPTIDES	ZHAO, YAN	COLLEGE OF LIBERAL ARTS & SCIENCES	CENTER FOR CATALYSIS	014190-00001	Research	8/15/2015	7/31/2019	JULY 2018	4302127
\$244,215	DOE-US DEPARTMENT OF ENERGY	DIELECTRICS UNDER EXTREME ELECTRIC FIELDS: IN SITU STUDIES ON NANOSCALE MECHANISMS	TAN, XIAOLI	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	017807-00001	Research	9/15/2017	7/14/2019	JULY 2018	4012023
\$237,870	UNIVERSITY OF WISCONSIN MADISON	MATERNAL AND INFANT MICROBIOME DETERMINANTS OF BRAIN AND BEHAVIORAL DEVELOPMENT	LYTE, MARK	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	015881-00001	Research	7/1/2016	4/30/2019	JULY 2018	4042319
\$210,000	IOWA	DEVELOP STATEWIDE	WIEGAND, PAUL	VP FOR	INST FOR	019185-00001	Research	7/1/2018	6/30/2021	JULY	4748079

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	DEPARTMENT OF TRANSPORTATION	URBAN DESIGN STANDARDS AND SPECIFICATIONS MANUALS FOR PUBLIC IMPROVEMENTS	D	RESEARCH	TRANSPORTATION (INTRANS)					2018	
\$205,302	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	SOUTH SKUNK WATERSHED PROJECT	BENNING, JAMIE L	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	019306-00001	Public Service	7/1/2018	6/30/2021	JULY 2018	
\$200,000	DOI-OFFICE OF SURFACE MINING, RECLAMATION AND ENFORCEMENT (OSMRE)	REMEDICATION OF COAL MINE DRAINAGE WITH INDUSTRIAL BYPRODUCTS	CETIN, BORA	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019192-00001	Research	7/1/2018	6/30/2020	JULY 2018	4212069
\$200,000	NSF-NATIONAL SCIENCE FOUNDATION	PFI-TT: WIND PERFORMANCE-BASED RISK ASSESSMENT AND MITIGATION TOOL (WIND PB-RAM)	ALIPOUR, AZADEH	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019320-00001	Research	8/1/2018	1/31/2020	JULY 2018	4207015
\$191,956	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE BRIDGE CENTER AND BRIDGE ENGINEER PROGRAM FY2019	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019186-00001	Research	7/1/2018	6/30/2019	JULY 2018	4748080
\$191,250	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	DUAL-MASKING OLIGONUCLEOTIDES AS POTENTIAL THERAPY OF SPINAL MUSCULAR ATROPHY	SINGH, RAVINDRA NARAYAN	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	017373-00001	Research	7/1/2017	6/30/2019	JULY 2018	4301737
\$186,839	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019275-00001	Scholarships & Fellowships	6/1/2018	5/31/2019	JULY 2018	
\$160,000	NSF-NATIONAL SCIENCE FOUNDATION	MECHANICAL RESPONSES AT INTERCELLULAR JUNCTIONS	SIVASANKAR, SANJEEVI	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	016132-00001	Research	9/1/2016	8/31/2019	JULY 2018	4207167

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\$152,202	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019272-00001	Operations & Maintenance	6/1/2018	5/31/2019	JULY 2018	
\$146,858	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: A NOVEL CONTROL FOR INVASIVE SPECIES - MODELING, ANALYSIS, AND EXPERIMENTS	PARSHAD, RANA	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	019253-00001	Research	7/1/2018	8/31/2020	JULY 2018	4200430
\$140,000	IOWA CONCRETE PAVING ASSOCIATION	PROGRAM MANAGEMENT FOR THE NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER	TAYLOR, PETER C	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	017511-00001	Research	7/1/2017	6/30/2019	JULY 2018	4007756
\$125,871	MINNESOTA DEPARTMENT OF TRANSPORTATION	USE OF J BAND TO IMPROVE THE PERFORMANCE OF THE HMA LONGITUDINAL JOINT	WILLIAMS, R CHRISTOPHER	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019318-00001	Research	7/23/2018	8/31/2020	JULY 2018	4007771
\$125,529	MINNESOTA DEPARTMENT OF TRANSPORTATION	QUANTIFYING BENEFITS OF IMPROVED COMPACTION	WILLIAMS, R CHRISTOPHER	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019317-00001	Research	7/23/2018	2/28/2020	JULY 2018	4047757
\$125,351	KEMIN INDUSTRIES	SPECIALTY CROP WITH IMPROVED TRAITS	YANG, BING	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	017099-00001	Research	4/1/2017	3/31/2019	JULY 2018	4006132
\$122,401	BAYER HEALTHCARE LLC	PARASITIC NEMATODE ELECTROPHYSIOLOGY II	ROBERTSON, ALAN P	COLLEGE OF VETERINARY MEDICINE	BIOMEDICAL SCIENCES	019244-00001	Research	7/1/2018	12/31/2018	JULY 2018	4007311
\$120,000	IOWA ECONOMIC DEVELOPMENT AUTHORITY	HIGH RATE AMMONIA SYNTHESIS BY INTERMEDIATE TEMPERATURE SOLID-STATE ALKALINE ELECTROLYZER (ITSAE)	LI, WENZHEN	VP FOR RESEARCH	BIOECONOMY INSTITUTE	019190-00001	Research	12/21/2017	12/4/2020	JULY 2018	4781749
\$119,737	NSF-NATIONAL SCIENCE FOUNDATION	RI: SMALL: ROBUST MOTION PLANNING FOR MULTIROBOT TARGET	BHATTACHARYA, SOURABH	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	019329-00001	Research	8/1/2018	7/31/2019	JULY 2018	4207016

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		TRACKING									
\$118,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	OPTIMIZING OUTBREAK SURVEILLANCE SYSTEM DESIGNS FOR USING COMPOSITE AND INDIVIDUAL DIAGNOSTIC TESTS: ASSESSMENTS OF SYSTEM ACCURACY, CHARACTERIZATION OF TESTING FREQUENCIES AND VOLUMES...	ZIMMERMAN, JEFFREY J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019301-00001	Research	9/1/2018	8/31/2019	JULY 2018	4122309
\$114,963	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	JULY 2018	4222023
\$110,240	UNIVERSITY OF TENNESSEE	NUCLEAR COMPUTATIONAL LOW ENERGY INITIATIVE (NUCLEI)	VARY, JAMES P	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	018054-00001	Research	9/1/2017	8/31/2019	JULY 2018	4046154
\$105,051	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE TRANSPORTATION OPERATIONS ENGINEER FY2019	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019187-00001	Research	7/1/2018	6/30/2019	JULY 2018	4748081
\$102,000	HHS-SUBSTANCE ABUSE & MENTAL HEALTH SERVICES ADMIN	PREVENTING SUICIDE, SUBSTANCE ABUSE AND INFUSING MENTAL HEALTH PROMOTION: A 3-YEAR PROJECT TO BUILD INFRASTRUCTURE AND SUSTAIN EFFORTS AT IOWA STATE UNIVERSITY	ROWE-BARTH, MARK BRADLEY	VICE PRESIDENT FOR STUDENT AFFAIRS	VICE PRESIDENT FOR STUDENT AFFAIRS	019325-00001	Student Services	9/30/2018	9/29/2019	JULY 2018	4301401
\$100,796	OASIS DIAGNOSTICS CORPORATION	REAL-TIME SALIVARY TESTOSTERONE AND EXTENSION TO MOBILE APPLICATION AND	SHIRTCLIFF, ELIZABETH	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	019335-00001	Research	7/15/2018	7/14/2019	JULY 2018	4042885

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		MULTIPLE BIOMARKER QUANTIFICATION CAPABILITY									
\$100,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	SOLVING THE INADEQUACIES OF CURRENT APPROACHES TO ANALYSIS OF ANTIBIOTIC RESISTANCE DATA	O'CONNOR, ANNETTE M	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019207-00001	Research	7/1/2018	10/31/2019	JULY 2018	4162337
\$100,000	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	TAMING DELAY AND CONVERGENCE SPEED IN TACTICAL AUTONOMOUS SWARMS NETWORK OPTIMIZATION	LIU, JIA	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	019223-00001	Research	7/10/2018	1/9/2021	JULY 2018	4212125
\$99,195	UNIVERSITY OF TEXAS AUSTIN	BIOMECHANICAL INDICATORS OF BICUSPID AORTIC VALVE DYSFUNCTION	HSU, MING-CHEN	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	019304-00001	Research	6/1/2018	5/31/2019	JULY 2018	4046210
\$96,302	BAYER CROPS SCIENCE	ESTIMATING THE EXPOSURE TO NEONICOTINOID RESIDUES IN POLLINATOR-ATTRACTIVE HABITAT ADJACENT TO CORN AND SOYBEAN FIELDS - YEAR 2	O'NEAL, MATTHEW ELLIOTT	AG EXPERIMENT STATION	ENTOMOLOGY	019212-00001	Research	4/1/2018	8/15/2019	JULY 2018	4004716
\$95,344	ROGER WILLIAMS UNIVERSITY	TRAINING ASSESSMENT AND FIELD VALIDATION OF SCIENCE-BASED INTERROGATION TECHNIQUES WITH LAW ENFORCEMENT AGENCIES	MEISSNER, CHRISTIAN AUGUS	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	019310-00001	Research	12/15/2017	12/14/2018	JULY 2018	4046168
\$91,434	NATIONAL PORK BOARD	GILT ACCLIMATION STRATEGIES FOR M. HYOPNEUMONIAE CONTROL: EVALUATION	CLAVIJO-MICHELANGELI, M	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019288-00001	Research	9/1/2018	9/1/2019	JULY 2018	4536304



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		OF EXPOSURE PROTOCOLS AND DEVELOPMENT OF A DUAL MATRIX ANTIBODY ASSAY									
\$90,000	DEERE & COMPANY	SEEDING INNOVATION PROGRAM, PHASE 2	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	019314-00001	Research	1/1/2018	10/31/2018	JULY 2018	4004721
\$88,332	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	8/31/2020	JULY 2018	4200402
\$86,300	UNIVERSITY OF GUELPH	PEW CHARITABLE TRUSTS SYSTEMATIC REVIEWS	O'CONNOR, ANNETTE M	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019323-00001	Research	6/15/2018	2/15/2019	JULY 2018	4007312
\$84,877	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE TRANSPORTATION MATERIALS ENGINEER FY2019	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019183-00001	Research	7/1/2018	6/30/2019	JULY 2018	4748077
\$80,269	VARIOUS ISUF DONORS- NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019273-00001	Academic Support	6/1/2018	5/31/2019	JULY 2018	
\$75,549	VARIOUS ISUF DONORS- NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019274-00001	Institutional Support	6/1/2018	5/31/2019	JULY 2018	
\$75,000	SWINE HEALTH INFORMATION CENTER	WHAT WOULD AN "NPIP LIKE" PROGRAM LOOK LIKE FOR THE US SWINE INDUSTRY?	MAIN, RODGER GARY	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	019249-00001	Research	7/1/2018	1/1/2019	JULY 2018	4592323
\$75,000	SUMATRA BIORENEWABLES LLC	SBIR PHASE I: BIO-ADVANTAGED MONOMERS FOR THE PRODUCTION OF FUNCTION-TAILORABLE POLYAMIDES	TESSONNIER, JEAN-PHILIPPE	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	019336-00001	Research	6/15/2018	5/31/2019	JULY 2018	4046212

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\$73,999	NIH-NATIONAL INSTITUTES OF HEALTH	DEVELOPMENT OF TOOLS FOR SITE-DIRECTED ANALYSIS OF GENE FUNCTION	ESSNER, JEFFREY JEROME	AG EXPERIMENT STATION	GENETICS DEVELOPMENT & CELL BIOLOGY	015557-00001	Research	6/1/2016	2/28/2019	JULY 2018	4304020
\$71,065	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	7/31/2019	JULY 2018	4302359
\$70,000	ARIZONA STATE UNIVERSITY	UNIVERSITY INNOVATION ALLIANCE - CAMPUS FELLOW	VANDERZANDEN, ANN MARIE	SR VP AND PROVOST	SR VP AND PROVOST	019230-00001	Public Service	2/1/2018	1/31/2020	JULY 2018	4001807
\$67,691	EPA-US ENVIRONMENTAL PROTECTION AGENCY	INTEGRATED ENVIRONMENTAL ASSESSMENT OF CROPPED AND RESTORED WETLANDS IN AGRICULTURAL CATCHMENTS WITH VARYING DRAINAGE INTENSITY	HALL, STEVEN JAMES	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	018176-00001	Research	10/1/2017	9/30/2019	JULY 2018	4292104
\$67,082	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019263-00001	Academic Support	6/1/2018	5/31/2019	JULY 2018	
\$60,641	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	1/31/2019	JULY 2018	4304011
\$60,000	DEERE & COMPANY	TECHNICAL EVALUATION OF ON-MACHINE SOYBEAN PROTEIN SENSOR	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	019221-00001	Research	5/1/2018	12/31/2018	JULY 2018	4004717
\$60,000	IOWA DEPARTMENT OF TRANSPORTATION	2018-2019 IOWA LTAP WORK ZONE SAFETY SIGN PACKAGE PROGRAM	KNAPP, KEITH K	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019286-00001	Research	7/1/2018	6/30/2019	JULY 2018	4748084
\$55,178	IOWA ECONOMIC DEVELOPMENT	MEASUREMENT-BASED HIERARCHICAL	WANG, ZHAOYU	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	019289-00001	Research	10/1/2017	6/30/2019	JULY 2018	4782051

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	AUTHORITY	FRAMEWORK FOR TIME-VARYING STOCHASTIC LOAD MODELING									
\$54,893	IOWA ECONOMIC DEVELOPMENT AUTHORITY	FLEXIBLE SERVICE CONTRACTING FOR RISK MANAGEMENT WITHIN INTEGRATED TRANSMISSION AND DISTRIBUTION SYSTEMS	WANG, ZHAOYU	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	019292-00001	Research	10/1/2017	12/31/2019	JULY 2018	4782043
\$51,019	IHI CORPORATION	ONSITE COLLABORATION IN NONDESTRUCTIVE EVALUATION (NDE) AND PROBABILITY OF DETECTION (POD) STUDIES IN SUPPORT OF JET ENGINE COMPONENT DESIGN PHASE II, YEAR 5, TASK 4	BARNARD, DAN J	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019257-00001	Research	6/1/2018	2/28/2019	JULY 2018	4006561
\$50,000	IOWA DEPARTMENT OF TRANSPORTATION	TSIP PROCESS IMPROVEMENT - PHASE 2	HANS, ZACHARY N	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019315-00001	Research	7/1/2018	12/31/2019	JULY 2018	4748086
\$49,883	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	STORMWATER QUALITY AND QUANTITY OUTCOMES ASSOCIATED WITH URBAN RESIDENTIAL BEST MANAGEMENT PRACTICES	THOMPSON, JANETTE R	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	019303-00001	Research	7/2/2018	6/30/2021	JULY 2018	4714023
\$49,541	OHIO STATE UNIVERSITY	POULTRY DISEASE WORKSHOPS FOR PRACTICING VETERINARIANS	EL-GAZZAR, MOHAMED MEDHAT	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019331-00001	Research	4/1/2018	3/31/2019	JULY 2018	4102305
\$49,110	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	WEBSITE DEVELOPMENT FOR NCIPMC	ILES, LAURA CHRISTINE J	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019296-00001	Public Service	7/1/2018	2/28/2019	JULY 2018	4103931

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\$48,963	IOWA ECONOMIC DEVELOPMENT AUTHORITY	BUILDING MATERIALS FOR ENERGY EFFICIENCY: ADAPTABLE EDUCATIONAL MODULES	SHAFEI-PAMSARI, BEHROUZ	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019208-00001	Research	10/1/2017	2/28/2019	JULY 2018	4782046
\$47,933	IOWA ECONOMIC DEVELOPMENT AUTHORITY	DEVELOPMENT OF AGRICULTURAL-BASED PHASE CHANGE MATERIALS FOR BUILDING APPLICATIONS	SHAFEI-PAMSARI, BEHROUZ	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019205-00001	Research	10/1/2017	7/31/2018	JULY 2018	4782039
\$45,066	TONGJI UNIVERSITY, CHINA	BENCHMARK STUDY ON TORNADO-INDUCED WIND LOADS ON LOW-RISE BUILDINGS	SARKAR, PARTHA PRATIM	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	019278-00001	Research	1/1/2018	12/31/2020	JULY 2018	4007208
\$45,030	IOWA ECONOMIC DEVELOPMENT AUTHORITY	IN-FIELD BUILDING MATERIAL THERMAL CONDUCTIVITY AND R-VALUE MEASUREMENT	WANG, XINWEI	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	019225-00001	Research	10/1/2017	7/31/2018	JULY 2018	4782047
\$42,400	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE PAVEMENT SYSTEMS RESEARCH ENGINEER FY2019	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019184-00001	Research	7/1/2018	6/30/2019	JULY 2018	4748078
\$38,919	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	ADAPTIVE MANAGEMENT OF INVASIVE SPECIES TO ENHANCE AGROECOSYSTEM SERVICES IN GRASSLANDS	DEBINSKI, DIANE M	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	016866-00001	Research	5/1/2017	4/30/2019	JULY 2018	4104103
\$37,918	NIH-INSTITUTE ON AGING (NIA)	BIOPSYCHOSOCIAL RESERVES AND DEMENTIA: IDENTIFYING PROTECTIVE FACTORS	MARGRETT, JENNIFER	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	018071-00001	Scholarships & Fellowships	9/16/2017	9/15/2019	JULY 2018	4302809
\$37,728	UNIVERSITY OF CALIFORNIA	OPEN FORENSIC SCIENCE IN R	HOFMANN, HEIKE	VP FOR RESEARCH	CTR FOR STAT & APPL IN FORENSIC	019311-00001	Research	4/1/2018	10/31/2018	JULY 2018	4007772

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	BERKELEY				EVIDENCE						
\$37,500	PENNSYLVANIA STATE UNIVERSITY	AGRICULTURAL SAFETY EDUCATION INITIATIVE	SMALLEY, SCOTT W	AG EXPERIMENT STATION	AG EDUCATION & STUDIES	019215-00001	Instruction	9/15/2017	9/14/2018	JULY 2018	4044121
\$35,000	UNIVERSITY OF RHODE ISLAND	ADVANCED OXIDATION FOR WATER RECLAMATION USING FERRATE	IKUMA, KAORU	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019258-00001	Research	5/23/2018	11/30/2019	JULY 2018	4046209
\$35,000	HONEYWELL	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019262-00001	Research	7/1/2018	6/30/2019	JULY 2018	
\$32,745	BIOMIN AMERICA INC	ASSESSMENT OF DIETARY PHYTOGENIC COMBINATIONS ON ALLEVIATING THE NEGATIVE IMPACT OF PRRS IN PIGS	GABLER, NICHOLAS K	AG EXPERIMENT STATION	ANIMAL SCIENCE	019291-00001	Research	10/1/2018	9/30/2019	JULY 2018	4004720
\$32,096	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	IMPROVING THE HEALTH OF HISPANIC CHILDREN AND THEIR FAMILIES WITH A COMMUNITY-BASED CURRICULUM: "ABRIENDO CAMINOS"	GREDER, KIMBERLY ANN	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN DEVELOPMENT & FAMILY STUDIES	016328-00001	Public Service	8/1/2016	3/31/2019	JULY 2018	4103085
\$25,032	BIOMIN AMERICA INC	ANIMAL PRODUCT TRIAL: EFFECTS OF PHYTOGENIC FEED ADDITIVES ON LAWSONIA INFECTED PIGS	GABLER, NICHOLAS K	AG EXPERIMENT STATION	ANIMAL SCIENCE	019195-00001	Research	7/1/2018	6/30/2019	JULY 2018	4004714
\$24,558	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	RENEWABLE RESOURCES EXTENSION ACT PROGRAM - IOWA FY 2018 (FORESTRY)	BLODGETT, SUE	UNIVERSITY & COOPERATIVE EXTENSION	NATURAL RESOURCE ECOLOGY & MGMT	018016-00001	Public Service	10/1/2017	9/30/2019	JULY 2018	4183418
\$24,095	BECHTEL MARINE PROPULSION CORPORATION-	TANGIBLE MIXED REALITY FOR TRAINING - DIESEL GENERATOR	RADKOWSKI, RAFAEL	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	017645-00001	Research	7/28/2017	9/30/2018	JULY 2018	4006558

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	KNOLLS ATOMIC POWER LABORATORY	DEMONSTRATOR									
\$22,883	IOWA ECONOMIC DEVELOPMENT AUTHORITY	FORCED AND NATURAL TURBULENCE ALLOWING STUDIES OF TURBULENT ANISOTROPIC CONDITIONS (FANTASTIC)	TAKLE, GENE S	AG EXPERIMENT STATION	AGRONOMY	019206-00001	Research	10/1/2017	7/31/2018	JULY 2018	4784023
\$21,389	RENEWABLE ENERGY GROUP	EVALUATION OF CREEPING BENTGRASS (AGROSTIS STOLONIFERA L.) AND KENTUCKY BLUEGRASS (POA PRATENSIS L.) SPREADING AND RECOVERY RESPONSES TO VERDESOIL UNDER FIELD CONDITIONS 2018	CHRISTIANS, NICK E	AG EXPERIMENT STATION	HORTICULTURE	019333-00001	Research	7/23/2018	12/31/2018	JULY 2018	
\$20,280	NSF-NATIONAL SCIENCE FOUNDATION	RESEARCH: COLLABORATIVE RESEARCH: CHANGING THE CONVERSATION WITH THE HUMANITARIAN ENGINEERING CONTEXT	POLEACOVSKI, CRISTINA	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019305-00001	Research	9/1/2018	8/31/2020	JULY 2018	4207013
\$20,000	ALLIANCE FOR SUSTAINABLE ENERGY LLC-NATIONAL RENEWABLE ENERGY LABORATORY	THE MIDWEST REGIONAL PARTNERSHIP AND INTERCONNECTION SEAMS STUDY	MCCALLEY, JAMES D	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	015502-00001	Research	5/6/2016	9/30/2018	JULY 2018	4042087
\$20,000	AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING INC	SURFACE SENSING-BASED HYBRID TECHNIQUE FOR NDE AND PREDICTION OF	CHEN, AN	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019307-00001	Scholarships & Fellowships	7/1/2018	6/30/2019	JULY 2018	4006562

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		ADDITIVE STRUCTURES									
\$18,800	METABOLIC TECHNOLOGIES INC	PHOSPHONIUM SALTS TETHERED TO AMINOMETHYLPHENOLS	KRAUS, GEORGE A	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	018323-00001	Research	1/18/2018	12/31/2018	JULY 2018	4006265
\$18,068	IOWA ECONOMIC DEVELOPMENT AUTHORITY	A CLOSED-LOOP DISTRIBUTION SYSTEM RESTORATION TOOL FOR NATURAL DISASTER RECOVERY	WANG, ZHAOYU	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	019290-00001	Research	10/1/2017	6/30/2019	JULY 2018	4782052
\$17,725	UNIVERSITY OF NOTRE DAME	PHYSICAL LAYER SIGNATURE DISCRIMINATION OF TRANSMITTERS	BOLSTAD, ANDREW K	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	019106-00001	Research	3/30/2018	10/29/2019	JULY 2018	4046207
\$16,578	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	10/31/2019	JULY 2018	4204131
\$16,079	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	018059-00001	Public Service	10/1/2017	9/30/2018	JULY 2018	4192370
\$15,600	FMC CORPORATION	FIELD TRIAL	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION	PLANT PATHOLOGY	019246-00001	Research	3/1/2018	12/31/2018	JULY 2018	
\$15,000	CITY OF AMES IOWA	CITY OF AMES, EPRC	KIMBER, ANNE	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	008089-00001	Research	1/1/2002	6/30/2019	JULY 2018	4006053
\$14,190	IOWA ECONOMIC DEVELOPMENT AUTHORITY	DEVELOPING A LANDSCAPE OF BUILDING ENERGY USE FOR THE CITY OF DES MOINES, IOWA	ZHOU, YUYU	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	019202-00001	Research	10/1/2017	7/31/2018	JULY 2018	4782110
\$13,298	OHIO STATE UNIVERSITY	ACHIEVING LOW DELAY AND HIGHLY ADAPTIVE TACTICAL NETWORKING WITH MULTI-PATH TCP	LIU, JIA	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	018101-00001	Research	9/1/2017	5/30/2020	JULY 2018	4046156

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\$12,000	NSF-NATIONAL SCIENCE FOUNDATION	III: LARGE: COLLABORATIVE RESEARCH: MOVING OBJECTS DATABASES FOR EXPLORATION OF VIRTUAL AND REAL ENVIRONMENTS	TRAJCEVSKI, GOCE	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	018522-00001	Research	8/16/2017	9/30/2018	JULY 2018	4207296
\$11,900	BASF CORPORATION	FIELD TRIAL	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION	PLANT PATHOLOGY	019251-00001	Research	3/1/2018	2/27/2019	JULY 2018	
\$10,896	IOWA ECONOMIC DEVELOPMENT AUTHORITY	ALKALINE MEMBRANE-BASED AMMONIA ELECTROSYNTHESIS WITH HIGH EFFICIENCY FOR RENEWABLE AND SCALABLE LIQUID-FUEL PRODUCTION	LI, WENZHEN	VP FOR RESEARCH	BIOECONOMY INSTITUTE	019199-00001	Research	10/1/2017	6/18/2019	JULY 2018	4781745
\$10,000	KIMLEY-HORN AND ASSOCIATES	IOWA LOCAL ROAD SAFETY PLANS/PROJECT 3/PHASE 2	HANS, ZACHARY N	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	015866-00001	Research	5/12/2016	9/30/2019	JULY 2018	4047721
\$10,000	IOWA DEPARTMENT OF TRANSPORTATION	ROAD SAFETY ASSESSMENT SUPPLEMENT WORK PLAN	VENEZIANO, DAVID A	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019285-00001	Research	7/1/2018	6/30/2020	JULY 2018	4748083
\$9,801	IOWA ECONOMIC DEVELOPMENT AUTHORITY	ORGANIZING THE 2017 NORTH AMERICAN WIND ENERGY ACADEMY SYMPOSIUM AT IOWA STATE UNIVERSITY	SHARMA, ANUPAM	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	019226-00001	Public Service	10/1/2017	7/31/2018	JULY 2018	4782045
\$9,313	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	NATL LAB FOR AG & ENVIRONMENT	016432-00001	Public Service	10/1/2016	9/30/2017	JULY 2018	4194723
\$8,600	ALBAUGH LLC	NON-CONFIDENTIAL FIELD TRIAL	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION	PLANT PATHOLOGY	019247-00001	Research	5/1/2018	12/15/2018	JULY 2018	
\$7,800	VARIOUS ISUF	IOWA STATE	WINTERSTEEN,	PRESIDENT	PRESIDENT	019268-00001	Academic	6/1/2018	5/31/2019	JULY	



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	DONORS-INDUSTRY/CORPORATE	UNIVERSITY FOUNDATION DONATIONS	WENDY				Support			2018	
\$7,800	THE INTERNATIONAL MAIZE AND WHEAT IMPROVEMENT CENTER (CIMMYT)	FELLOWSHIP (MASAGRO) PROGRAM GRANT FOR ALEJANDRO LEDESMA MIRAMONTES	LUBBERSTEDT, THOMAS	AG EXPERIMENT STATION	AGRONOMY	019283-00001	Scholarships & Fellowships	1/1/2018	12/31/2018	JULY 2018	4004718
\$7,500	IOWA DEPARTMENT OF HUMAN SERVICES	SERVSAFE TRAINING FOR CHILD CARE PROVIDERS	SELLERS, DEBRA M	UNIVERSITY & COOPERATIVE EXTENSION	APPAREL, EVENTS & HOSPITALITY MGMT	019191-00001	Public Service	7/1/2018	6/30/2019	JULY 2018	4703094
\$7,500	UNIVERSITY OF ALABAMA	US ARMY ANALYTICS GROUP RESEARCH FACILITATION LABORATORY (RFL)	CREDE, MARCUS	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	019197-00001	Research	1/1/2018	9/30/2018	JULY 2018	4046167
\$6,960	WEST POTTAWATTAMIE COUNTY AGRICULTURAL EXTENSION DISTRICT	U-TURN MINI GRANT	LEE, JEONGEUN	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN DEVELOPMENT & FAMILY STUDIES	019227-00001	Public Service	7/1/2018	6/30/2019	JULY 2018	4783061
\$6,244	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES, AGREEMENT NUMBER 58-5030-7-015	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	016423-00001	Public Service	10/1/2016	9/30/2017	JULY 2018	4194715
\$6,089	NANOMETALLIX LLC	FORMULATION, CHARACTERIZATION, AND COMBUSTION OF ENERGETIC MATERIALS CONTAINING NANOSCALE FUELS	SIPPEL, TRAVIS	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	017422-00001	Research	5/20/2017	7/31/2018	JULY 2018	4006078
\$6,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	EMPOWERING SMALL AND MEDIUM-SIZED LIMITED RESOURCE FARMERS: INCLUSIVE RURAL DEVELOPMENT	COLLETTI, JOE PAUL	AG EXPERIMENT STATION	AES ADMIN CONTROL	018533-00001	Research	2/1/2018	1/31/2019	JULY 2018	4164427

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		STEMMING FROM DIGITAL AGRICULTURE									
\$6,000	GOWAN COMPANY LLC	NON-CONFIDENTIAL FIELD TRIAL	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019321-00001	Research	8/1/2018	7/31/2019	JULY 2018	
\$5,000	ANSYS	FAST TOPOLOGY OPTIMIZATION AND SHAPE STYLE TRANSFER USING MACHINE LEARNING	SARKAR, SOUMIK	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	019214-00001	Research	7/2/2018	12/31/2018	JULY 2018	4007206
\$4,800	SHELL	TESTING THE ORIGIN OF DOLGEVILLE NODULAR LIMESTONES SO THEY CAN BE INTERPRETED FROM LOGS AND INTEGRATED INTO THE STRATIGRAPHIC FRAMEWORK	HASIUK, FRANCISZEK	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	016345-00001	Research	9/27/2016	12/31/2018	JULY 2018	4006108
\$3,850	IOWA DEPARTMENT OF TRANSPORTATION	EVALUATION OF FUELING OUR FUTURE	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	013797-00001	Research	5/1/2015	6/30/2018	JULY 2018	4747739
\$3,300	IOWA ACADEMY OF SCIENCE	SUBFOSSIL MUSKOXEN OF IOWA	HILL, MATTHEW G	COLLEGE OF LIBERAL ARTS & SCIENCES	WORLD LANGUAGES & CULTURES	019203-00001	Research	7/1/2018	6/30/2019	JULY 2018	4752126
\$3,175	BAYER CROPSCIENCE	FIELD TRIAL	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019322-00001	Research	6/1/2018	5/31/2019	JULY 2018	
\$2,729	IOWA COLLEGE STUDENT AID COMMISSION	GEAR UP FOR AN ADVENTURE!	SUSKI, KATHARINE JOHNSON	VICE PRESIDENT FOR STUDENT AFFAIRS	VICE PRESIDENT FOR STUDENT AFFAIRS	019127-00001	Public Service	5/1/2018	8/30/2018	JULY 2018	4321416
\$2,654	IOWA ECONOMIC DEVELOPMENT AUTHORITY	RESILIENCE ENHANCEMENT OF ELECTRIC POWER SYSTEMS AND	ALIPOUR, AZADEH	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019224-00001	Research	10/1/2017	7/31/2018	JULY 2018	4782041

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		ASSOCIATED INFRASTRUCTURES									
\$2,300	MONSANTO COMPANY	MONSANTO FIELD TRIAL - PROTOCOL SO#51	MUNKVOLD, GARY PHILLIP	AG EXPERIMENT STATION	PLANT PATHOLOGY	019261-00001	Research	4/1/2018	3/31/2019	JULY 2018	
\$2,200	PROFESSIONAL DAIRY PRODUCERS ASSOCIATION	BOOTS IN THE BARN	BENTLEY, JENNIFER ANGELA	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	019189-00001	Public Service	6/21/2018	4/30/2019	JULY 2018	4003403
\$1,953	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	BAUM, THOMAS J	AG EXPERIMENT STATION	PLANT PATHOLOGY	016672-00001	Public Service	10/1/2016	9/30/2017	JULY 2018	4194714
\$1,868	ED-US DEPARTMENT OF EDUCATION	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY18	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	017206-00001	Scholarships & Fellowships	7/1/2017	6/30/2018	JULY 2018	4325782
\$1,476	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES, AGREEMENT NUMBER 58-5030-7-025	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	NATL LAB FOR AG & ENVIRONMENT	016434-00001	Public Service	10/1/2016	9/30/2017	JULY 2018	4194725
\$560	VARIOUS ISUF DONORS- INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019266-00001	Research	6/1/2018	5/31/2019	JULY 2018	
\$117	IOWA DEPARTMENT OF PUBLIC HEALTH	MOU-2018-ISU25	SHELLEY, MACK CLAYTON	COLLEGE OF LIBERAL ARTS & SCIENCES	POLITICAL SCIENCE	017643-00001	Research	7/1/2017	6/30/2018	JULY 2018	4782125