

Calendar Year: 2018
Month: Aug

Award Count: 190
Award Total: \$47,542,841

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$3,477,450	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. 2018	4122105
\$3,045,857	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	HATCH CAPACITY FUNDS	COLLETTI, JOE PAUL	AG EXPERIMENT STATION	AES ADMIN CONTROL	013243-00001	Research	10/1/2014	9/30/2019	AUG. 2018	
\$2,907,236	NSF-NATIONAL SCIENCE FOUNDATION	NRT-INFEWS: THE DATAFEWSION TRAINEESHIP PROGRAM FOR INNOVATIONS AT THE NEXUS OF FOOD PRODUCTION, RENEWABLE ENERGY AND WATER QUALITY	RYAN, SARAH M	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	019492-00001	Research	9/1/2018	8/31/2023	AUG. 2018	4207024
\$2,114,225	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019267-00001	Operations & Maintenance	6/1/2018	5/31/2019	AUG. 2018	
\$1,999,999	NSF-NATIONAL SCIENCE FOUNDATION	LEAP HI GOALI: ENGINEERING CROPS FOR GENETIC ADAPTATION TO CHANGING ENVIRONMENTS	WANG, LIZHI	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	019494-00001	Research	9/1/2018	8/31/2023	AUG. 2018	4207026
\$1,616,720	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. 2018	4012501
\$1,512,491	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019265-00001	Scholarships & Fellowships	6/1/2018	5/31/2019	AUG. 2018	
\$1,469,448	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	VALORIZATION OF BIOCHAR: APPLICATIONS IN ANAEROBIC DIGESTION, LIVESTOCK	BROWN, ROBERT C	VP FOR RESEARCH	BIOECONOMY INSTITUTE	019497-00001	Research	9/1/2018	8/31/2020	AUG. 2018	4161719

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		ODOR CONTROL AND PLANT GROWTH									
\$1,386,864	ED-US DEPARTMENT OF EDUCATION	COLLEGE WORK STUDY (CWS) HOURLY	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	019416-00001	Student Financial Aid	7/1/2017	6/30/2019	AUG. 2018	4325785
\$1,386,134	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019264-00001	Institutional Support	6/1/2018	5/31/2019	AUG. 2018	
\$1,384,218	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019269-00001	Institutional Support	6/1/2018	5/31/2019	AUG. 2018	
\$1,363,622	NSF-NATIONAL SCIENCE FOUNDATION	RESEARCH-PGR: SECRETOME PROJECT: SYSTEMATIC EVALUATION OF CELLULAR EXPORT FROM PLANT CELLS	YANG, BING	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	018137-00001	Research	6/30/2017	7/31/2021	AUG. 2018	4200412
\$1,299,519	NSF-NATIONAL SCIENCE FOUNDATION	INFEWS/T2: CYBER-BASED DECISION SUPPORT STRATEGIES TO ACHIEVE CONSENSUS FOR FEW SYSTEM SUSTAINABILITY USING INCENTIVE AND POLICY STRUCTURES	BLOEBAUM, CHRISTINA LYNNE	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	017917-00001	Research	10/1/2017	9/30/2022	AUG. 2018	4206509
\$1,062,993	ED-US DEPARTMENT OF EDUCATION	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS (SEOG) FY2018	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	019419-00001	Student Financial Aid	7/1/2018	6/30/2019	AUG. 2018	4325791
\$900,000	NSF-NATIONAL SCIENCE FOUNDATION	NETWORK-BASED DISCOVERY OF BRASSINOSTEROID REGULATION OF PLANT GROWTH AND STRESS RESPONSES IN ARABIDOPSIS	YIN, YANHAI	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	019389-00001	Research	8/15/2018	7/31/2021	AUG. 2018	4200433

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\$815,610	NSF-NATIONAL SCIENCE FOUNDATION	FUNCTIONAL GENOMICS IN POLISTES WASPS, A MODEL SYSTEM IN INTEGRATIVE ORGANISMAL BIOLOGY	TOTH, AMY LYNN	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	019478-00001	Research	9/1/2018	8/31/2021	AUG. 2018	4204146
\$552,000	NSF-NATIONAL SCIENCE FOUNDATION	GRADUATE RESEARCH FELLOWSHIP PROGRAM	GRAVES, WILLIAM RICHARD	SR VP AND PROVOST	GRADUATE COLLEGE	017570-00001	Scholarships & Fellowships	7/1/2017	6/30/2022	AUG. 2018	4201811
\$500,000	IOWA DEPARTMENT OF TRANSPORTATION	CONNECTED AUTONOMOUS VEHICLE (CAV) RESEARCH SUPPORT	HAWKINS, NEAL R	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	018532-00001	Research	12/1/2017	6/30/2019	AUG. 2018	4748046
\$499,112	UNIVERSITY OF NORTHERN IOWA	REGIONAL STEM SCALE-UP PROGRAMMING SUPPORT FOR FY19	HIGGINS, CHADWICK CHARLES	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	019391-00001	Public Service	7/1/2018	6/30/2019	AUG. 2018	4753034
\$465,000	NSF-NATIONAL SCIENCE FOUNDATION	BRIDGE THE NANOSCALE DEFORMATION MECHANISMS TO THE MICROSCOPIC ADHESIVE-TO-COHESIVE INTERFACE FRACTURE IN ICE-METAL MATERIALS	XIONG, LIMING	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	019410-00001	Research	9/1/2018	8/31/2021	AUG. 2018	4207018
\$452,780	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)	ADVANCING THE DEVELOPMENT AND DEPLOYMENT OF BIM-INFRASTRUCTURE	ALDEMIR-BEKTAS, BASAK	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019486-00001	Research	8/15/2018	7/14/2019	AUG. 2018	4361739
\$450,000	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	PUTTING IT TOGETHER: AN INNOVATIVE APPROACH TO INCREASING IOWA'S CONSERVATION INFRASTRUCTURE	COMITO, JACQUELINE M	UNIVERSITY & COOPERATIVE EXTENSION	AG & BIOSYSTEMS ENGINEERING	019380-00001	Public Service	8/1/2018	11/1/2022	AUG. 2018	4123037
\$431,278	NSF-NATIONAL SCIENCE FOUNDATION	FORCED AND NATURAL TURBULENCE ALLOWING STUDIES OF TURBULENT ANISOTROPIC	VANLOCKE, ANDREW	AG EXPERIMENT STATION	AGRONOMY	017737-00001	Research	9/1/2017	8/31/2020	AUG. 2018	4204066

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		CONDITIONS (FANTASTIC- 1)									
\$430,519	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	AUG. 2018	4325783
\$419,434	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019263-00001	Academic Support	6/1/2018	5/31/2019	AUG. 2018	
\$418,033	WALTON FAMILY FOUNDATION	SPREADING PRAIRIE STRIPS TO IOWA FARMS FOR IMPROVED WATER QUALITY, SOIL CONSERVATION AND BIODIVERSITY (3)	LIEBMAN, MATTHEW Z	AG EXPERIMENT STATION	AGRONOMY	019432-00001	Research	8/1/2018	1/31/2021	AUG. 2018	4004724
\$401,448	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	CENTER FOR ADVANCED BIOENERGY AND BIOPRODUCTS INNOVATION (CABBI)	VANLOCKE, ANDREW	AG EXPERIMENT STATION	AGRONOMY	018986-00001	Research	12/1/2017	11/30/2018	AUG. 2018	4044120
\$399,998	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: RETHINKING THE ROLE OF BUILDING ENVELOPES WITH SMART MORPHING FACADES (SMORPHACADES)	ALIPOUR, AZADEH	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019347-00001	Research	1/1/2019	12/31/2021	AUG. 2018	4207017
\$371,028	NSF-NATIONAL SCIENCE FOUNDATION	STUDY OF THE REGULATIVE ROLE OF INTEGRIN TENSION IN THE FORMATION AND FUNCTION OF PLASMA MEMBRANE PROTRUSIONS IN CANCER CELLS	WANG, XUEFENG	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	019439-00001	Research	9/1/2018	8/31/2021	AUG. 2018	4200437
\$369,111	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES	STUDY THE ROLE OF INTEGRIN TENSION IN CELL MIGRATION, PLATELET CONTRACTION AND	WANG, XUEFENG	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	019409-00001	Research	8/10/2018	7/31/2019	AUG. 2018	4302148

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	(NIGMS)	INVADOPODIUM DYNAMICS									
\$365,944	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	8/31/2019	AUG. 2018	4302123
\$359,497	NSF-NATIONAL SCIENCE FOUNDATION	ENABLING A FLEXIBLE, NON-DISRUPTIVE DEMAND CONTROL TO IMPROVE GRID SECURITY AND PERFORMANCE	AJJARAPU, VENKATARAMANA	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	019456-00001	Research	8/15/2018	7/31/2021	AUG. 2018	4207020
\$351,761	UNIVERSITY OF COLORADO BOULDER	BATTERY-FREE RFID SENSOR NETWORK WITH SPATIOTEMPORAL PATTERN NETWORK BASED DATA FUSION SYSTEM FOR HUMAN PRESENCE SENSING	SARKAR, SOUMIK	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	019407-00001	Research	5/29/2018	5/28/2021	AUG. 2018	4046215
\$315,000	NSF-NATIONAL SCIENCE FOUNDATION	DETAILED STRUCTURE OF GASEOUS DETONATIONS INFORMED BY ULTRAFAST LASER DIAGNOSTICS	MICHAEL, JAMES BENNETT	COLLEGE OF ENGINEERING	CTR FOR MULTIPHASE FLOW RES & EDUC	019480-00001	Research	1/1/2019	12/31/2021	AUG. 2018	4207021
\$309,618	IOWA DEPARTMENT OF TRANSPORTATION	DEVELOPMENT OF PAVEMENT STRUCTURAL ANALYSIS TOOL FOR IOWA LOCAL ROADS	CEYLAN, HALIL	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019472-00001	Research	9/1/2018	9/30/2021	AUG. 2018	4748089
\$308,736	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	FY18 NVAP IAT ISU EEDA	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	019434-00001	Public Service	9/18/2018	9/17/2019	AUG. 2018	4120588
\$306,714	NIH-NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT	TRANSCRIPTIONAL REGULATORY NETWORKS GOVERNING PLACENTAL DEVELOPMENT	TUTEJA, GEETU SINGH	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	019491-00001	Research	8/24/2018	5/31/2019	AUG. 2018	4302149

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	(NICHD)										
\$299,400	NSF-NATIONAL SCIENCE FOUNDATION	INTEGRATING POLAR-APROTIC SOLVOLYSIS INTO WASTE-TO-ENERGY CONVERSION	BAI, XIANGLAN	VP FOR RESEARCH	BIOECONOMY INSTITUTE	019368-00001	Research	8/15/2018	7/31/2021	AUG. 2018	4201795
\$286,826	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	ELUCIDATING THE ELABORATION OF PLANT TERPENOID NATURAL PRODUCTS	PETERS, REUBEN J	COLLEGE OF LIBERAL ARTS & SCIENCES	BIOCHEMISTRY & BIOPHYSICS	014136-00001	Research	8/5/2015	7/31/2019	AUG. 2018	4302126
\$284,361	NSF-NATIONAL SCIENCE FOUNDATION	IRES TRACK-1: INTERNATIONAL RESEARCH EXPERIENCES FOR STUDENTS IN RENEWABLE ENERGY AND ENVIRONMENTAL SUSTAINABILITY	BAI, XIANGLAN	VP FOR RESEARCH	BIOECONOMY INSTITUTE	019390-00001	Research	1/1/2019	12/31/2021	AUG. 2018	4201777
\$283,384	NSF-NATIONAL SCIENCE FOUNDATION	THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF PHOTOHETEROLYSIS REACTIONS	WINTER, ARTHUR	COLLEGE OF LIBERAL ARTS & SCIENCES	CENTER FOR CATALYSIS	018820-00001	Research	6/1/2018	5/31/2021	AUG. 2018	4200418
\$250,000	IOWA DEPARTMENT OF TRANSPORTATION	INVESTIGATION ON PAVEMENT ME DESIGN REFLECTIVE CRACKING, FAULTING, IRI PREDICTION MODELS, CONCRETE OVERLAYS DESIGN TOOL, AND PERFORMANCE THRESHOLD LEVELS FOR IOWA PAVEMENT SYSTEMS	CEYLAN, HALIL	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019465-00001	Research	8/1/2018	1/31/2021	AUG. 2018	4748088
\$249,807	NSF-NATIONAL SCIENCE FOUNDATION	EAGER: PROTECTING DATA ACCESS PATTERN PRIVACY IN HYBRID CLOUD STORAGE SYSTEMS	ZHANG, WENSHENG	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	019473-00001	Research	1/1/2019	6/30/2020	AUG. 2018	4200439
\$249,000	NIH-NATIONAL	ERYTHROCYTE	BECK, JOSHUA RYAN	COLLEGE OF	BIOMEDICAL	017924-00001	Research	9/1/2017	8/31/2019	AUG.	4302361

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	HEART LUNG & BLOOD INSTITUTE (NHLBI)	SUBVERSION BY MALARIA PARASITE EXPORTED EFFECTORS		VETERINARY MEDICINE	SCIENCES					2018	
\$248,744	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: AN INTERSECTIONAL PERSPECTIVE TO STUDYING MICROAGGRESSIONS IN ENGINEERING PROGRAMS	POLEACOVSKI, CRISTINA	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019431-00001	Research	1/1/2019	12/31/2021	AUG. 2018	4207019
\$244,036	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: RESOLVING CONTROLS ON LIGNIN DECOMPOSITION AT THE CONTINENTAL SCALE TO RECONCILE CLASSICAL AND MODERN PARADIGMS OF SOIL ORGANIC MATTER	HALL, STEVEN JAMES	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	019468-00001	Research	9/1/2018	8/31/2020	AUG. 2018	4200438
\$239,703	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: TESTING MODELS OF CALCITE MICROCRYSTAL DIAGENESIS THROUGH EXPERIMENTS, GEOCHEMISTRY, AND ADVANCED IMAGING	HASIUK, FRANCISZEK	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	019382-00001	Research	9/1/2018	8/31/2020	AUG. 2018	4200432
\$230,767	NSF-NATIONAL SCIENCE FOUNDATION	CSR: SMALL: COLLABORATIVE RESEARCH: TUNING EXTREME-SCALE STORAGE SYSTEM THROUGH DEEP REINFORCEMENT LEARNING	BAO, SHENG	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	019400-00001	Research	10/1/2018	9/30/2021	AUG. 2018	4200436
\$230,672	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: PRODUCTIVITY PREDICTION OF	BAO, SHENG	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	018972-00001	Research	10/5/2017	7/31/2019	AUG. 2018	4200423

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		MICROBIAL CELL FACTORIES USING MACHINE LEARNING AND KNOWLEDGE ENGINEERING									
\$217,191	NSF-NATIONAL SCIENCE FOUNDATION	THE MOLECULAR MECHANISMS OF THE MRE11/RAD50 DNA REPAIR COMPLEX	NELSON, SCOTT W	AG EXPERIMENT STATION	BIOCHEMISTRY & BIOPHYSICS	017543-00001	Research	8/1/2017	7/31/2020	AUG. 2018	4204128
\$214,086	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019270-00001	Scholarships & Fellowships	6/1/2018	5/31/2019	AUG. 2018	
\$204,522	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES, AGREEMENT NUMBER 58-5030-8-001	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	018087-00001	Public Service	10/1/2017	9/30/2018	AUG. 2018	4194850
\$203,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	A SECURE BEEF SUPPLY (SBS) PLAN FOR BUSINESS CONTINUITY IN A FOOT AND MOUTH DISEASE OUTBREAK (YR 5)	BICKETT-WEDDLE, DANELLE A	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	019523-00001	Public Service	9/30/2018	9/29/2019	AUG. 2018	4120589
\$195,092	IOWA COMMISSION ON VOLUNTEER SERVICE (IOWA ECONOMIC DEVELOPMENT AUTHORITY)	AMERICORPS PARTNERING TO PROTECT CHILDREN 2018-19	MELBY, JANET NIEUWSMA	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	019517-00001	Public Service	9/1/2018	8/31/2019	AUG. 2018	4782823
\$180,000	DOD-ARMY RESEARCH LABORATORY (ARL)	HIGH-FIDELITY PHYSICAL MODELING OF SPRAY-WALL INTERACTIONS FOR OPTIMIZED ENGINE PERFORMANCE USING MILITARY FUELS	KONG, SONG-CHARNG	VP FOR RESEARCH	BIOECONOMY INSTITUTE	016123-00001	Research	9/1/2016	9/28/2019	AUG. 2018	4211706
\$179,864	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS &	TOXIN-SPECIFIC AND SYMPTOMATIC DRUGS IN COMBINATION WITH NEUROPROTECTANTS	THIPPESWAMY, THIMMASSETTAP	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	017957-00001	Research	9/30/2017	8/31/2019	AUG. 2018	4301739

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	STROKE (NINDS)	EFFECTIVELY COUNTERACT DFP-INDUCED LONG TERM NEUROTOXICITY									
\$168,909	DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST)	IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE MEP CENTER	O'DONNELL, MICHAEL ROBERT	COLLEGE OF ENGINEERING	CENTER FOR INDUSTRIAL RESEARCH & SERVICE	016727-00001	Public Service	4/1/2017	3/31/2022	AUG. 2018	4263522
\$157,594	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	7/2/2019	AUG. 2018	4044228
\$151,500	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019272-00001	Operations & Maintenance	6/1/2018	5/31/2019	AUG. 2018	
\$146,408	KANSAS STATE UNIVERSITY	ANALYSES OF BACTERIAL AVIRULENCE AND VIRULENCE LOCI AND HOST RESISTANCE OF MAIZE GOSS'S WILT	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019353-00001	Research	7/15/2018	7/14/2021	AUG. 2018	4103103
\$144,989	UNIVERSITY OF IOWA	NANOVACCINE-MEDIATED IMMUNE PROTECTION AGAINST INFLUENZA VIRUS	NARASIMHAN, BALAJI	VP FOR RESEARCH	NANOVACCINE INSTITUTE	017573-00001	Research	6/1/2017	5/31/2019	AUG. 2018	4047733
\$141,121	NSF-NATIONAL SCIENCE FOUNDATION	ATD: EFFICIENT AND STABLE ALGORITHMS FOR NON-EUCLIDEAN REGRESSION IN DISCRETE GEOMETRIES	WEBER, ERIC	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	019393-00001	Research	8/15/2018	7/31/2021	AUG. 2018	4200435
\$140,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	JUNTOS: TOGETHER FOR A BETTER EDUCATION AND SUCCESS FOR AT-RISK YOUTH IN IOWA COMMUNITIES	GREDER, KIMBERLY ANN	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN DEVELOPMENT & FAMILY STUDIES	012376-00001	Public Service	9/1/2014	8/31/2019	AUG. 2018	4163004
\$136,115	NSF-NATIONAL	EAGER:	WILKINSON, GRACE MARIE	AG	ECOLOGY, EVOLUTION	019429-00001	Research	9/1/2018	8/31/2020	AUG.	4204145

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	SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: SYNCHRONIZATION ACROSS TERRESTRIAL AND AQUATIC ECOSYSTEMS		EXPERIMENT STATION	& ORG BIOLOGY					2018	
\$134,474	RENEWABLE ENERGY GROUP	A "LIQUID COVER CROP" - CAN ADDING GLYCERIN TO IOWA SOILS REDUCE NITROGEN LOSS WHILE INCREASING SUPPLY TO CORN?	MCDANIEL, MARSHALL DOUGLA	AG EXPERIMENT STATION	AGRONOMY	019502-00001	Research	8/1/2018	12/31/2020	AUG. 2018	4004726
\$127,778	UNIVERSITY OF CALIFORNIA DAVIS	THE GENETICS OF HIGHLAND ADAPTATION IN MAIZE	HUFFORD, MATTHEW	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	015549-00001	Research	8/15/2016	8/14/2019	AUG. 2018	4046133
\$114,662	UNIVERSITY OF MINNESOTA TWIN CITIES	REAL-TIME FEEDBACK TO IMPROVE COLONOSCOPY	TAVANAPONG, WALLAPAK	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	018002-00001	Research	6/15/2017	5/31/2019	AUG. 2018	4046153
\$114,651	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	NEXT GENERATION LITHIUM SULFUR BATTERIES FOR MISSION ENABLING ENERGY STORAGE SYSTEMS	MARTIN, STEVE WARTHEN	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	017171-00001	Research	8/9/2018	9/30/2018	AUG. 2018	4222049
\$113,473	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019273-00001	Academic Support	6/1/2018	5/31/2019	AUG. 2018	
\$112,001	SWINE HEALTH INFORMATION CENTER	VALIDATION OF A FMDV 3ABC INDIRECT ELISA (IELISA) FOR SWINE ORAL FLUID SPECIMENS	ZIMMERMAN, JEFFREY J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019435-00001	Research	9/1/2018	9/1/2019	AUG. 2018	4592325
\$104,284	LOUISIANA STATE UNIVERSITY	EVALUATING A SYSTEMS-BASED HEALTH INTERVENTION FOR MIDDLE SCHOOL WELLNESS	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES	KINESIOLOGY	018083-00001	Research	9/18/2017	7/31/2019	AUG. 2018	4042879
\$103,745	USDA-AGRICULTURAL	MAIZE PAN-GENOMIC TOOLS AND RESOURCES	HUFFORD, MATTHEW	COLLEGE OF LIBERAL ARTS	ECOLOGY, EVOLUTION & ORG BIOLOGY	019499-00001	Research	9/1/2018	8/31/2019	AUG. 2018	4192108

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	RESEARCH SERVICES (ARS)	TO EXPLORE THE DIVERSITY OF MAIZE		& SCIENCES							
\$103,482	PENNSYLVANIA STATE UNIVERSITY	AN ADOPTION STUDY OF THE DEVELOPMENT OF EARLY SUBSTANCE USE: THE JOINT ROLES OF GENETIC INFLUENCES, PRENATAL RISK, REARING ENVIRONMENT, AND PUBERTAL MATURATION	SHIRTCLIFF, ELIZABETH	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	019255-00001	Research	4/1/2018	1/31/2019	AUG. 2018	4042884
\$100,469	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019271-00001	Research	6/1/2018	5/31/2019	AUG. 2018	
\$100,000	NSF-NATIONAL SCIENCE FOUNDATION	SPOKES: MEDIUM: MIDWEST: COLLABORATIVE: AN INTEGRATED BIG DATA FRAMEWORK FOR WATER QUALITY ISSUES IN THE UPPER MISSISSIPPI RIVER BASIN	GASSMAN, PHILIP W	AG EXPERIMENT STATION	CENTER FOR AG & RURAL DEVELOPMENT	019359-00001	Research	8/1/2018	7/31/2021	AUG. 2018	4204143
\$100,000	ROLLS ROYCE	THZ EVALUATION OF ENVIRONMENTAL BARRIER COATING PHASE VI	CHIOU, CHIEN-PING	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019425-00001	Research	4/16/2018	2/28/2019	AUG. 2018	4006565
\$100,000	DOI-US FISH & WILDLIFE SERVICE (USFWS)	EVALUATION OF CONTROLS, IMPACTS AND BEHAVIORS OF ASIAN CARP IN THE LOWER UMR	WEBER, MICHAEL JOHN	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	019474-00001	Research	10/1/2018	10/1/2019	AUG. 2018	4244029
\$99,999	NSF-NATIONAL SCIENCE FOUNDATION	PHASE II I/UCRC IOWA STATE U SITE: CENTER FOR ADVANCED NON-FERROUS STRUCTURAL ALLOYS (CANFSA)	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	015900-00001	Research	8/1/2016	7/31/2021	AUG. 2018	4206045
\$99,750	NSF-NATIONAL SCIENCE	TYPE I: IOWA STATE UNIVERSITY I-CORPS	RAO, ARAGULA GURURAJ	VP FOR RESEARCH	VP FOR RESEARCH	017636-00001	Research	9/1/2017	8/31/2019	AUG. 2018	4201790

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	FOUNDATION	SITE: DRIVING INNOVATION THROUGH ENTREPRENEURIAL TALENT									
\$95,395	ED-US DEPARTMENT OF EDUCATION	EDUCATING FOR A GLOBAL CENTURY: PREPARING LEADERS FOR SUCCESS BY CONNECTING GLOBAL COMPETENCE AND CIVIC LEARNING IN INTERNATIONAL EDUCATION	REASON, ROBERT DEAN	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	018182-00001	Research	10/1/2017	9/30/2019	AUG. 2018	4322803
\$94,241	IOWA DEPARTMENT OF EDUCATION	EFFECTIVELY SUPPORTING ALL STUDENTS TO BE SUCCESSFUL IN ALGEBRA ES3A	JACKSON, CHRISTA DEANN	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	017115-00001	Research	4/15/2017	9/15/2018	AUG. 2018	4722816
\$93,914	SENTIENT CORPORATION	RELIABILITY CENTERED ADDITIVE MANUFACTURING DESIGN FRAMEWORK	BOND, LEONARD J	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	017482-00001	Research	6/7/2017	6/6/2019	AUG. 2018	4042570
\$89,509	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE: DMREF: CONTROLLING HIERARCHICAL NANOSTRUCTURES IN CONJUGATED POLYMERS	GANAPATHYSUBRAMANIAN, B	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	012492-00001	Research	10/1/2014	9/30/2019	AUG. 2018	4206273
\$86,083	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. 2018	4046054
\$85,871	NSF-NATIONAL SCIENCE FOUNDATION	CRITICAL REGULARITY, SELECTION DYNAMICS, AND CONDENSATION IN NONLINEAR BALANCE LAWS	LIU, HAILIANG	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	019361-00001	Research	8/1/2018	7/31/2021	AUG. 2018	4200431
\$81,007	IHI CORPORATION	ONSITE COLLABORATION IN NONDESTRUCTIVE EVALUATION (NDE)	BARNARD, DAN J	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019363-00001	Research	6/1/2018	2/28/2019	AUG. 2018	4006563

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		AND PROBABILITY OF DETECTION (POD) STUDIES IN SUPPORT OF JET ENGINE COMPONENT DESIGN AND PHASE II, YEAR 5, TASK 6									
\$80,000	IOWA DEPARTMENT OF TRANSPORTATION	SPEED FEEDBACK SIGN LOAN PROGRAM WORKPLAN	KNAPP, KEITH K	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019379-00001	Research	7/1/2018	12/31/2019	AUG. 2018	4748087
\$75,710	UNIVERSITY OF NORTHERN IOWA	REGIONAL STEM NETWORK MANAGEMENT, FY19	HIGGINS, CHADWICK CHARLES	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	019231-00001	Public Service	7/1/2018	5/31/2019	AUG. 2018	4003404
\$75,000	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	AUG. 2018	4302127
\$75,000	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	FIELD TESTING AND DEMONSTRATION OF A MODIFIED WOODCHIP BIOREACTOR DESIGNED FOR PHOSPHORUS AND BACTERIA REMOVAL	SOUPIR, MICHELLE LYNN	COLLEGE OF ENGINEERING	AG & BIOSYSTEMS ENGINEERING	019376-00001	Research	9/1/2018	8/31/2021	AUG. 2018	4122001
\$75,000	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	EVALUATION AND ENHANCEMENT OF SATURATED BUFFERS AS A CONSERVATION DRAINAGE PRACTICE FOR AGRICULTURAL SUBSURFACE DRAINAGE TREATMENT	RUTHERFORD, CASSANDRA JAN	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019394-00001	Research	9/1/2018	9/29/2021	AUG. 2018	4122002
\$75,000	NATIONAL PORK BOARD	EMPLOYING ENVIRONMENTAL MITIGATION TECHNOLOGY AND/OR PRACTICES: TREATING SWINE ODOR AND IMPROVING AIR	KOZIEL, JACEK ADAM	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	019438-00001	Research	9/1/2018	9/1/2019	AUG. 2018	4534079

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		QUALITY WITH BLACK LIGHT									
\$74,438	MASSACHUSETTS INSTITUTE OF TECHNOLOGY-LINCOLN LABORATORY	RESEARCH ON WIDEBAND HARDWARE AND SIGNAL PROCESSING TECHNOLOGY	BOLSTAD, ANDREW K	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	019254-00001	Research	7/15/2018	1/14/2019	AUG. 2018	4046208
\$71,541	UNIVERSITY OF SOUTHERN CALIFORNIA	RESEARCH STUDY ON THE THOMPSON SCHOLARS LEARNING COMMUNITIES AT THE UNIVERSITY OF NEBRASKA	REASON, ROBERT DEAN	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	015616-00001	Research	1/1/2016	6/30/2019	AUG. 2018	4002889
\$71,212	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: BIOSIGNATURES OF COUPLED IRON AND CARBON CYCLING IN FERRUGINOUS LAKES	SMITH, ELIZABETH SWANNER	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	016837-00001	Research	5/1/2017	4/30/2020	AUG. 2018	4207176
\$70,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	LOCAL FOOD AND FARM PROGRAM FY 2019	CHASE, CRAIG ALAN	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	019498-00001	Public Service	7/1/2018	6/30/2020	AUG. 2018	4713094
\$66,827	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. 2018	4207168
\$64,905	UCHICAGO ARGONNE LLC-ARGONNE NATIONAL LABORATORY	RESILIENCE CONSTRAINED OPTIMIZATION FOR ENERGY SYSTEMS	DOBSON, IAN	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	019512-00001	Research	8/28/2018	2/8/2020	AUG. 2018	4046217
\$61,909	DOI-US GEOLOGICAL SURVEY (USGS)	EVALUATING WETLAND USE PATTERNS AMONG SPRING MIGRATING DUCKS IN IOWA'S PRAIRIE POTHOLE REGION TO INFORM	JANKE, ADAM K	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	018200-00001	Research	11/1/2017	5/31/2020	AUG. 2018	4244027

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		STRATEGIC WETLAND RESTORATION AND MANAGEMENT									
\$60,443	TEXAS TECH UNIVERSITY	OPTIMIZATION OF MICRON-SCALE ALUMINUM REACTIVITY FOR DYNAMIC LOADING	LEVITAS, VALERY	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	015076-00001	Research	1/1/2016	12/31/2018	AUG. 2018	4042055
\$59,974	CHEVRON CORPORATION	AN EXPLORATORY INVESTIGATION OF USING X-RAYS TO CHARACTERIZE HYDRATE FORMATION	HEINDEL, THEODORE JOHN	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	018268-00001	Research	12/1/2017	2/1/2019	AUG. 2018	4006263
\$58,856	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019275-00001	Scholarships & Fellowships	6/1/2018	5/31/2019	AUG. 2018	
\$56,233	MEDICAL COLLEGE OF WISCONSIN	(RE)GENERATING NEW DRUG LEADS FOR SCHISTOSOMIASIS	DAY, TIMOTHY A	COLLEGE OF VETERINARY MEDICINE	BIOMEDICAL SCIENCES	019441-00001	Research	4/1/2018	6/30/2019	AUG. 2018	4042329
\$55,077	ROESLEIN ALTERNATIVE ENERGY LLC	LAB INVESTIGATIONS OF THE TWO-STAGE ANAEROBIC DIGESTION OF GRASSY BIOMASS	ANDERSEN, DANIEL S	VP FOR RESEARCH	BIOECONOMY INSTITUTE	019396-00001	Research	6/11/2018	5/31/2019	AUG. 2018	4007773
\$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	CTR FOR BIORENEWABLE CHEMICALS	016209-00001	Scholarships & Fellowships	9/1/2016	8/31/2019	AUG. 2018	4222063
\$55,000	UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY NATIONAL LABORATORY	THE JOINT BIOENERGY INSTITUTE	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	018654-00001	Research	3/9/2018	9/30/2022	AUG. 2018	4046204
\$53,126	DOD-ARMY RESEARCH OFFICE (ARO)	DESIGN, SYNTHESIS, AND CHARACTERIZATION OF	MONTAZAMI, REZA	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	019408-00001	Research	8/1/2018	7/31/2019	AUG. 2018	4212070

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		PHASE CHANGE MATERIALS BASED ON NANOPARTICLE-DOPED BLOCK IONENE POLYMERS									
\$52,905	SEMICONDUCTOR RESEARCH CORPORATION (SRC)	SATC: STARSS: SMALL: ANALOG HARDWARE TROJANS: THREATS, DETECTION, AND MITIGATION	GEIGER, RANDALL L	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	019349-00001	Research	10/1/2018	9/30/2019	AUG. 2018	4007209
\$51,238	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019274-00001	Institutional Support	6/1/2018	5/31/2019	AUG. 2018	
\$50,000	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	9/30/2020	AUG. 2018	4200403
\$49,625	IOWA DEPARTMENT OF TRANSPORTATION	EXPLORATION OF ULTRASOUND FOR THE EVALUATION AND PRESERVATION OF STRUCTURES	FREESEMAN, KATELYN SUE	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019500-00001	Research	9/15/2018	3/15/2020	AUG. 2018	4748091
\$46,624	UNIVERSITY OF NORTH DAKOTA	BD SPOKES: SPOKE: MIDWEST: COLLABORATIVE: DIGITAL AGRICULTURE-UNMANNED AIRCRAFT SYSTEMS, PLANT SCIENCES, AND EDUCATION	COLLETTI, JOE PAUL	AG EXPERIMENT STATION	AES ADMIN CONTROL	016460-00001	Public Service	10/1/2016	9/30/2019	AUG. 2018	4044103
\$46,056	FHI 360	FY17 AE E-TEACHER PROGRAM AY18-19 COURSE DELIVERY (USING EDUCATIONAL TECHNOLOGY)	HEGELHEIMER, VOLKER H	COLLEGE OF LIBERAL ARTS & SCIENCES	ENGLISH	019369-00001	Instruction	8/1/2018	4/29/2019	AUG. 2018	4046169
\$45,434	UNIVERSITY OF NEBRASKA MEDICAL CENTER	PREDICTIONS OF DRIVER SAFETY IN ADVANCING AGE: REAL-	SHARMA, ANUJ	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	017270-00001	Research	5/1/2017	5/31/2019	AUG. 2018	4047730

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		WORLD RECORDERS									
\$45,213	DOC-NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION (NOAA)	REPRESENTING AGRICULTURAL MANAGEMENT PROCESSES IN THE NATIONAL WATER MODEL	FRANZ, KRISTIE JEAN	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	019521-00001	Research	10/1/2018	9/30/2020	AUG. 2018	4262108
\$44,902	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	A NEW APPROACH FOR RETRIEVING SOIL MOISTURE FROM SMAP OVER THE CORN BELT	HORNBUCKLE, BRIAN KIRK	AG EXPERIMENT STATION	AGRONOMY	016001-00001	Research	9/1/2016	8/31/2019	AUG. 2018	4224002
\$43,455	BOEHRINGER INGELHEIM VETMEDICA INC	INTERNSHIP WITH BOEHRINGER INGELHEIM VETMEDICA, INC	MORRIS, MAX D	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	019378-00001	Research	8/16/2018	8/15/2019	AUG. 2018	4006152
\$42,274	ADVANCED TECHNOLOGY INTERNATIONAL (ATI) DBA SCRA APPLIED R&D	DIGITAL STANDARD FOR SURFACE QUALITY INSPECTION	PETERS, FRANK E	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	019411-00001	Research	8/9/2018	1/29/2023	AUG. 2018	4046216
\$40,926	NATIONAL PORK BOARD	INDUSTRY PRODUCTIVITY ANALYSIS - AUGUST 2018	STALDER, KENNETH J	AG EXPERIMENT STATION	ANIMAL SCIENCE	019457-00001	Research	8/1/2018	7/31/2019	AUG. 2018	4534089
\$40,778	HAMYARD ASSOCIATES LLC	CHARACTERIZING THE ABILITY OF PLANT ESSENTIAL OILS TO MODULATE THE EXPRESSION OF DETOXIFICATION GENES AND ENHANCE SPECIFIC SYNTHETIC INSECTICIDES	COATS, JOEL	AG EXPERIMENT STATION	ENTOMOLOGY	019518-00001	Research	9/1/2018	8/31/2019	AUG. 2018	4004729
\$40,410	PURDUE UNIVERSITY	FILLING THE PIPELINE: TRANSFORMING AGRICULTURAL DRAINAGE EDUCATION TO MEET 21ST CENTURY WATER MANAGEMENT NEEDS	KALEITA-FORBES, AMY LEIGH	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	019483-00001	Research	5/1/2018	4/30/2021	AUG. 2018	4104202

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\$40,244	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. 2018	4042323
\$40,121	LINK MANUFACTURING LTD	MAGNETORHEOLOGICAL ELASTOMERS (MRES) FOR ADVANCED MECHANICAL SYSTEMS	BARTLETT, MICHAEL DAVID	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	019405-00001	Research	8/15/2018	4/15/2019	AUG. 2018	4006564
\$40,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 61: NDE INSPECTION METHOD TO CHARACTERIZE MICROTEXTURE WITHIN FINAL COMPONENTS	ROBERTS, RONALD ALLEN	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	018641-00001	Research	3/15/2018	12/31/2018	AUG. 2018	4006280
\$39,965	SSAB ENTERPRISES LLC	DEVELOPMENT OF AN OPTICAL FIBER THERMOMETER FOR MOLTEN STEEL	LU, MENG	COLLEGE OF ENGINEERING	MICROELECTRONICS RESEARCH CENTER	019504-00001	Research	8/15/2018	8/14/2019	AUG. 2018	4006566
\$35,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019350-00001	Research	1/1/2016	12/31/2016	AUG. 2018	
\$35,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019351-00001	Research	1/1/2014	12/31/2014	AUG. 2018	
\$35,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019352-00001	Research	1/1/2015	12/31/2015	AUG. 2018	
\$35,000	HONEYWELL	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019358-00001	Research	7/1/2016	6/30/2017	AUG. 2018	

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\$35,000	BECHTEL MARINE PROPULSION CORPORATION-KNOLLS ATOMIC POWER LABORATORY	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019360-00001	Research	1/1/2015	12/31/2015	AUG. 2018	
\$35,000	ROLLS ROYCE	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019513-00001	Research	10/1/2012	9/30/2013	AUG. 2018	
\$35,000	HONEYWELL	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019514-00001	Research	7/1/2012	6/30/2013	AUG. 2018	
\$35,000	HONEYWELL	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019515-00001	Research	7/1/2011	6/30/2012	AUG. 2018	
\$35,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	CENTER FOR NDE MEMBERSHIP	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	019516-00001	Research	1/1/2012	12/31/2012	AUG. 2018	
\$34,991	UNIVERSITY OF IOWA	DEVELOPING EARLY WARNING TOOLS OF HARMFUL ALGAL BLOOMS IN LAKES	WILKINSON, GRACE MARIE	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	019493-00001	Research	7/1/2018	11/30/2018	AUG. 2018	4754060
\$33,241	UNIVERSITY OF PENNSYLVANIA	ROLE OF MITOCHONDRIA-TARGETED CYP2D6 IN CHEMICAL TOXICITY	KANTHASAMY, ANUMANTHA G	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	013676-00001	Research	2/15/2015	12/31/2018	AUG. 2018	4041774
\$32,050	SCHNEIDER ELECTRIC USA INC	STATISTICAL RESEARCH EXPLORATORY DATA ANALYSIS WITH SCHNEIDER ELECTRIC	HOFMANN, HEIKE	VP FOR RESEARCH	CTR FOR STAT & APPL IN FORENSIC EVIDENCE	019414-00001	Research	8/15/2018	5/15/2019	AUG. 2018	4007774
\$31,983	PRAIRIE LAKES AREA EDUCATION AGENCY (AEA 8)	EXPANDING STEM OUTREACH FOR PRAIRIE LAKES AEA	HIGGINS, CHADWICK CHARLES	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	016299-00001	Public Service	7/1/2016	6/30/2019	AUG. 2018	4003936
\$30,000	NATIONAL SPACE GRANT FOUNDATION	IMPLEMENTATION OF ADVANCED SORBENTS IN A CO2 MANAGEMENT	ALLEMAN, JAMES EDWARD	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019373-00001	Instruction	8/1/2018	6/30/2019	AUG. 2018	4046213

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		UNIT									
\$30,000	LAWRENCE LIVERMORE NATIONAL SECURITY LLC- LAWRENCE LIVERMORE NATIONAL LABORATORY	HIGH-PRECISION CALCULATIONS OF ELECTROMAGNETIC AND WEAK NUCLEAR DECAY	VARY, JAMES P	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	019448-00001	Research	8/15/2018	8/31/2019	AUG. 2018	4046171
\$30,000	IOWA DEPARTMENT OF TRANSPORTATION	BRIDGE ENGINEERING CENTER AND BRIDGE ENGINEER PROGRAM SUPPLIES AND EQUIPMENT	PHARES, BRENT M	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	019475-00001	Research	8/15/2018	6/30/2019	AUG. 2018	4748090
\$29,546	NATIONAL PORK BOARD	EFFICACY OF ULTRAVIOLET C DISINFECTION FOR INACTIVATING SENECAVIRUS A ON CONTAMINATED SURFACES IN SWINE FARMS AND POINTS OF ANIMAL CONCENTRATION.	HOLTKAMP, DERALD J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019437-00001	Research	9/1/2018	9/1/2019	AUG. 2018	4536306
\$27,695	UNIVERSITY OF FLORIDA	MECHANISM DESIGN FOR COMPLEX SYSTEMS: A BLACK-BOX MODEL APPROACH	HONG, MINGYI	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	014720-00001	Research	9/30/2015	9/29/2019	AUG. 2018	4042040
\$27,217	VARIOUS ISUF DONORS- INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019268-00001	Academic Support	6/1/2018	5/31/2019	AUG. 2018	
\$27,000	AMERICAN INSTITUTE OF MATHEMATICS	CONTRACT BETWEEN AMERICAN INSTITUTE OF MATHEMATICS AND IOWA STATE UNIVERSITY	HOGBEN, LESLIE	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	005983-00001	Public Service	10/1/2007	9/30/2019	AUG. 2018	4002119
\$26,537	DEERE & COMPANY	DEERE FINANCIAL: INNOVATION WITH USER-CENTERED TECHNOLOGIES	GILBERT, STEPHEN	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	018432-00001	Research	1/15/2018	12/31/2018	AUG. 2018	4006546

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\$26,500	USDA-ECONOMIC RESEARCH SERVICE (ERS)	R&D AND AGRICULTURAL PRODUCTIVITY GROWTH IN THE UNITED STATES: PATENT DATA AND KNOWLEDGE STOCKS	MOSCHINI, GIANCARLO	AG EXPERIMENT STATION	CENTER FOR AG & RURAL DEVELOPMENT	019372-00001	Research	8/1/2018	7/30/2021	AUG. 2018	4124652
\$25,000	EAST PENN MANUFACTURING COMPANY	DEVELOPMENT OF A VIRTUAL REALITY TRAINING PLATFORM FOR BATTERY MANUFACTURING ACTIVITIES	WINER, ELIOT H	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	017841-00001	Research	8/15/2017	12/31/2018	AUG. 2018	4006560
\$25,000	NATIONAL PORK BOARD	FAMILY ORAL FLUIDS-BASED PRRSV MONITORING IN DUE-TO-WEAN PIGLETS	CORREIA-LIMA-LINHARES, D	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019440-00001	Research	9/1/2018	9/1/2019	AUG. 2018	4536307
\$25,000	NATIONAL PORK BOARD	MONITORING ISU VDL DATA FOR SIGNS OF EMERGING DISEASES	MAIN, RODGER GARY	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019505-00001	Research	9/1/2018	9/1/2019	AUG. 2018	4536308
\$24,284	SHEEPDOG KNIFE & GUN LLC	WEAPON AND SAFETY PROTOCOL	STONE, RICHARD T	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	019362-00001	Research	7/15/2018	7/14/2019	AUG. 2018	4007210
\$24,050	PLANT HEALTH CARE INC	CONFIDENTIAL FIELD TRIALS	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019354-00001	Research	5/1/2017	11/30/2017	AUG. 2018	
\$20,000	RENEWABLE ENERGY GROUP	EVALUATION OF GLYCERINE BASED PRODUCES ON TURFGRASS GROWN AND DEVELOPMENT	CHRISTIANS, NICK E	AG EXPERIMENT STATION	HORTICULTURE	017919-00001	Research	4/28/2017	12/31/2018	AUG. 2018	4004626
\$20,000	UNIVERSITY OF WISCONSIN MADISON	IMPROVING INTEGRATED MANAGEMENT STRATEGIES FOR WHITE MOLD OF SOYBEAN	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019371-00001	Research	5/1/2018	4/30/2019	AUG. 2018	4003105
\$19,942	BATTELLE MEMORIAL	ECOSYSTEM AND HUMAN SYSTEM	ZHOU, YUYU	COLLEGE OF LIBERAL ARTS	GEOLOGICAL & ATMOSPHERIC	015785-00001	Research	6/28/2016	3/30/2019	AUG. 2018	4046134

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	INSTITUTE-PACIFIC NORTHWEST NATIONAL LABORATORY	DYNAMICS: INDICATORS OF PHENOLOGY, CLIMATE AND URBANIZATION		& SCIENCES	SCIENCES						
\$18,589	IOWA DEPARTMENT OF NATURAL RESOURCES	EXPANDING ISU MONARCH EGGS PROJECT: PHASE 2	HIGGINS, CHADWICK CHARLES	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	019402-00001	Public Service	8/6/2018	8/15/2019	AUG. 2018	4733301
\$18,457	GERMAINS SEED TECHNOLOGY	CONFIDENTIAL FIELD TRIAL	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION	PLANT PATHOLOGY	019445-00001	Research	2/28/2018	2/27/2019	AUG. 2018	
\$17,500	PACKAGING CONCEPTS INC	POLYMER AND FOOD PROTECTION CONSORTIUM 2018 MEMBERSHIP PACKAGING CONCEPTS INC 2018 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	019386-00001	Research	5/1/2018	4/30/2019	AUG. 2018	
\$17,500	SONOCO	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2018 MEMBERSHIP; SONOCO (FORMALLY PEN PACK) 2018 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	019387-00001	Research	5/1/2018	4/30/2019	AUG. 2018	
\$17,500	CONAGRA FOODS INC	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2018 MEMBERSHIP; CONAGRA BRANDS 2018 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	019388-00001	Research	5/1/2018	4/30/2019	AUG. 2018	
\$16,444	AFTER INC	STATISTICAL RESEARCH SERVICES WITH AFTER, INC.	MORRIS, MAX D	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	019404-00001	Research	8/16/2018	12/31/2018	AUG. 2018	4006153
\$15,000	SOCIETY FOR HOSPITALITY AND FOODSERVICE MANAGEMENT	USING ADVERTISING MESSAGE FRAMING TO REDUCE FOOD WASTE AT CONVENTIONS AND EVENTS	OLSON, ERIC	COLLEGE OF HUMAN SCIENCES	APPAREL, EVENTS & HOSPITALITY MGMT	019342-00001	Research	4/1/2018	9/30/2019	AUG. 2018	4006446
\$15,000	VARIOUS ISUF	IOWA STATE	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019426-00001	Research	6/1/2018	5/31/2019	AUG.	

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	DONORS-NONPROFIT	UNIVERSITY FOUNDATION DONATIONS								2018	
\$13,085	VETERAN'S ADMINISTRATION OF NEW JERSEY HEALTH CARE SYSTEM	WRIISC AS A MODEL OF CARE FOR CHRONIC MULTI-SYMPTOM ILLNESS	PHILLIPS, LEIGH ALISON	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	017892-00001	Research	9/1/2017	9/30/2018	AUG. 2018	4282119
\$12,000	NATIONAL PORK BOARD	DEVELOPMENT AND FIELD VALIDATION OF A TRACHEAL-BRONCHIAL SAMPLING DEVICE FOR DETECTION OF M. HYOPNEUMONIAE IN NATURALLY INFECTED PIGS	CLAVIJO-MICHELANGELI, M	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019375-00001	Research	9/1/2018	9/1/2019	AUG. 2018	4536305
\$12,000	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	IMPACT OF UTILIZING ELECTRIC GROUND POWER SYSTEMS ON AIRPORT ELECTRICITY DEMAND PROFILE	CETIN, KRISTEN SARA	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019403-00001	Scholarships & Fellowships	9/1/2018	8/31/2019	AUG. 2018	4046214
\$12,000	CARGILL INC	GLOBAL RESOURCE SYSTEMS AND CARGILL PARTNERSHIPS ON INTERNATIONAL INTERNSHIPS	TAYLOR, SHELLEY ZIMMERMAN	AG EXPERIMENT STATION	GLOBAL AG PROGRAMS	019406-00001	Instruction	7/15/2018	12/31/2020	AUG. 2018	4004722
\$12,000	FMC CORPORATION	NON-CONFIDENTIAL FIELD TRIAL	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019463-00001	Research	7/1/2018	6/1/2019	AUG. 2018	
\$11,300	FMC CORPORATION	NON-CONFIDENTIAL FIELD TRIAL	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019455-00001	Research	4/1/2018	12/31/2018	AUG. 2018	
\$10,850	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019266-00001	Research	6/1/2018	5/31/2019	AUG. 2018	
\$10,000	CEMENT	MANAGEMENT OF THE	TAYLOR, PETER C	VP FOR	INST FOR	013049-00001	Research	1/1/2014	12/31/2018	AUG.	4001777

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	ASSOCIATION OF CANADA	NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER		RESEARCH	TRANSPORTATION (INTRANS)					2018	
\$9,507	SWINE HEALTH INFORMATION CENTER	SENECAVIRUS A OUTBREAK DATA ANALYSIS	HOLTKAMP, DERALD J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019398-00001	Research	8/3/2018	3/3/2019	AUG. 2018	4592324
\$7,444	WORLD BANK	SCC-PLANNING: A DATA-DRIVEN FRAMEWORK FOR SMART DECISION-MAKING IN SMALL AND SHRINKING COMMUNITIES	DAVIS-ROZIER, ERIC WILLIA	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	019466-00001	Research	2/20/2018	10/31/2018	AUG. 2018	4006154
\$6,960	AMERICAN DAIRY GOAT ASSOCIATION	INVESTIGATING COLOSTRUM QUALITY ON DAIRY GOAT FARMS	KREUDER-KRULL, AMANDA JO	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019383-00001	Research	7/15/2018	7/15/2019	AUG. 2018	4007314
\$6,083	BOEHRINGER INGELHEIM VETMEDICA INC	DAIRY VETERINARY INTERNSHIP PROGRAM - BIVI	GORDEN, PATRICK J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	019365-00001	Instruction	8/1/2018	7/31/2019	AUG. 2018	4007313
\$6,000	GOWAN COMPANY LLC	NON-CONFIDENTIAL FIELD TRIAL	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019462-00001	Research	9/1/2018	8/31/2019	AUG. 2018	
\$5,776	BOWDOIN COLLEGE	APPLYING PALEOCEANOGRAPHY TO POLICY: UNLOCKING HISTORICAL COASTAL PH BASELINES FROM LONG-LIVE SHELLS AND SKELETONS	WANAMAKER, ALAN DAVID JR	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	019115-00001	Research	2/1/2018	1/31/2019	AUG. 2018	4046166
\$5,553	THE ANDERSONS INC	EVALUATION OF EXPERIMENTAL COATED FERTILIZERS	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION	HORTICULTURE	019422-00001	Research	8/15/2018	8/15/2019	AUG. 2018	
\$5,000	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	PARTNERSHIP TO ENHANCE GENERAL AVIATION SAFETY, ACCESSIBILITY AND SUSTAINABILITY (PEGASAS)	CEYLAN, HALIL	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019418-00001	Research	7/17/2018	7/30/2023	AUG. 2018	4362018
\$5,000	IOWA	UNPACKED: REFUGEE	POHLMAN, LYNETTE L	SR VP FOR	UNIVERSITY	019430-00001	Public	7/1/2018	6/30/2019	AUG.	4781602

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	DEPARTMENT OF CULTURAL AFFAIRS DBA IOWA ARTS COUNCIL	BAGGAGE EXHIBITION FEES AND SHIPPING		UNIV SERVICES	MUSEUMS		Service			2018	
\$4,553	KEMIN INDUSTRIES	DETERMINING THE EFFECT OF VALENA APPLICATION METHOD ON GROWTH AND DEVELOPMENT OF CALIBRACHOA	CURREY, CHRISTOPHER JON	AG EXPERIMENT STATION	HORTICULTURE	019501-00001	Research	8/21/2018	12/31/2018	AUG. 2018	
\$4,250	IOWA SHEEP & WOOL PROMOTION BOARD	CAN VAGINAL MICROBIOTA PREDICT FERTILITY OF EWES?	YOUNGS, CURTIS R	AG EXPERIMENT STATION	ANIMAL SCIENCE	019399-00001	Research	8/15/2018	5/15/2019	AUG. 2018	4594066
\$4,100	POLK SOIL AND WATER CONSERVATION DISTRICT	FACTORS INFLUENCING HOMEOWNER PARTICIPATION IN STORMWATER MANAGEMENT IN URBAN RESIDENTIAL LANDSCAPES OF THE EASTER LAKE WATERSHED	THOMPSON, JANETTE R	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	019503-00001	Research	8/1/2018	6/30/2019	AUG. 2018	4004727
\$4,000	MONSANTO FUND	STATE SCIENCE AND TECHNOLOGY FAIR OF IOWA	STAKER, JAY WILLIAM	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO YOUTH & 4H	019482-00001	Public Service	6/1/2018	5/31/2019	AUG. 2018	4003405
\$3,696	DIRECT SELLING EDUCATION FOUNDATION	HOW DOES A DIRECT SELLING COMPANY'S DIGITAL PRESENCE INFLUENCE REPRESENTATIVES' SALES PERFORMANCE IN DIGITAL AND NON-DIGITAL CHANNELS?	CHUNG, TELIN	COLLEGE OF HUMAN SCIENCES	APPAREL, EVENTS & HOSPITALITY MGMT	019412-00001	Research	7/1/2018	6/30/2019	AUG. 2018	4006448
\$3,000	ART FORCE IOWA	APPC AMERICORPS MEMBER ACCOUNT	MELBY, JANET NIEUWSMA	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	019446-00001	Public Service	9/1/2017	8/31/2018	AUG. 2018	
\$2,500	UCORE RARE METALS	CMI AFFILIATE PROGRAM MEMBERSHIP	HAASE, MARK CHRISTOPHER	AMES LABORATORY	AMES LABORATORY	019511-00001	Research	8/17/2018	8/31/2019	AUG. 2018	

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\$2,150	IOWA DEPARTMENT OF HUMAN SERVICES	SERVICE TRAINING FOSU-19-001	WEEMS, CARL	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	019129-00001	Public Service	7/1/2018	6/30/2019	AUG. 2018	4702838
\$1,000	ACADEMY OF APPLIED SCIENCE	STEM SUMMER APPRENTICESHIP PROGRAM	CERVATO, CINZIA	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	019392-00001	Scholarships & Fellowships	10/1/2017	9/30/2018	AUG. 2018	4046170
\$310	VARIOUS ISUF DONORS- NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	019277-00001	Operations & Maintenance	6/1/2018	5/31/2019	AUG. 2018	