

**Calendar Year:** 2016  
**Month:** Jul

**Award Count:** 140  
**Award Total:** \$34,980,289

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$6,711,959	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	12/31/2016	JULY 2016	4012501
\$2,298,498	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015911-00001	Operations & Maintenance	6/1/2016	5/31/2017	JULY 2016	
\$2,185,197	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015914-00001	Academic Support	6/1/2016	5/31/2017	JULY 2016	
\$2,118,516	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015915-00001	Institutional Support	6/1/2016	5/31/2017	JULY 2016	
\$1,860,929	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015917-00001	Institutional Support	6/1/2016	5/31/2017	JULY 2016	
\$1,462,689	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015922-00001	Institutional Support	6/1/2016	5/31/2017	JULY 2016	
\$1,394,405	DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST)	IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE	O'DONNELL, MICHAEL ROBERT	COLLEGE OF ENGINEERING	CENTER FOR INDUSTRIAL RESEARCH & SERVICE	014039-00001	Public Service	7/1/2015	3/31/2017	JULY 2016	4263521
\$1,318,903	DOE-US DEPARTMENT OF ENERGY	NOVEL LIGHT EXTRACTION AND UTILIZATION, ORGANIC LED (OLED) CORE TECHNOLOGY RESEARCH: ENHANCED LIGHT EXTRACTION FROM LOW COST WHITE OLEDs (WOLEDs) FABRICATED ON NOVEL PATTERNED SUBSTRATES	SHINAR, RUTH	COLLEGE OF ENGINEERING	MICROELECTRONICS RESEARCH CENTER	015932-00001	Research	8/1/2016	7/31/2017	JULY 2016	4012510
\$1,064,154	ED-US DEPARTMENT OF EDUCATION	COLLEGE WORK STUDY (CWS) HOURLY	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT	STUDENT FINANCIAL AID	015577-00001	Student Financial Aid	7/1/2016	6/30/2017	JULY 2016	4325765

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				AFFAIRS							
\$982,279	ARGO GENESIS CHEMICALS LLC	BIOPOLYMER DEVELOPMENT - PILOT PLANT PHASE III	COCHRAN, ERIC W	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	013994-00001	Research	7/1/2015	6/30/2017	JULY 2016	4006031
\$734,660	ED-US DEPARTMENT OF EDUCATION	TESTING THE EFFICACY OF EMBEDDED SOCIAL SKILLS WITHIN A UNIVERSAL CLASSROOM MANAGEMENT PROGRAM: WELL-MANAGED SCHOOLS	REDMOND, CLEVE R	VP FOR RESEARCH	PARTNERSHIPS IN PREVENTION SCIENCE INST	015873-00001	Research	7/1/2016	6/30/2017	JULY 2016	4321705
\$608,957	IOWA DEPARTMENT OF NATURAL RESOURCES	LEOPOLD CENTER SUPPORT	RASMUSSEN, MARK AXEL	AG EXPERIMENT STATION	LEOPOLD CENTER	008049-00001	Research	5/1/1988	6/30/2021	JULY 2016	4734201
\$467,253	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015913-00001	Scholarships & Fellowships	6/1/2016	5/31/2017	JULY 2016	
\$438,500	NSF-NATIONAL SCIENCE FOUNDATION	SHF:SMALL:ENHANCING MEMORY SYSTEM DEPENDABILITY BY INTEGRITY CHECKING	SOMANI, ARUN K	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	015788-00001	Research	7/1/2016	6/30/2019	JULY 2016	4206044
\$400,000	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	IOWA SPACE GRANT CONSORTIUM PROPOSAL	WLEZIEN, RICHARD	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	015449-00001	Research	6/22/2016	6/21/2018	JULY 2016	4222019
\$377,231	NSF-NATIONAL SCIENCE FOUNDATION	TERAHERTZ QUANTUM ELECTRONICS OF CARBON NANOSTRUCTURES: POPULATION INVERSION, GAIN AND COHERENT BANDGAP ENGINEERING	WANG, JIGANG	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	015896-00001	Research	8/1/2016	7/31/2019	JULY 2016	4207155
\$366,926	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	8/31/2017	JULY 2016	4302123
\$350,367	NIH-NATIONAL INSTITUTE OF	TOXICOLOGY MENTORING AND DIVERSITY	RUMBEIHA, WILSON K	COLLEGE OF VETERINARY	VET DIAGNOSTIC & PRODUCTION ANIMAL	015889-00001	Research	7/8/2016	6/30/2017	JULY 2016	4302345

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	GENERAL MEDICAL SCIENCES (NIGMS)	INCLUSION TRAINING PROGRAM		MEDICINE	MED						
\$347,938	NSF-NATIONAL SCIENCE FOUNDATION	DATA-DRIVEN MODELING, MONITORING AND MITIGATION OF CASCADING OUTAGES IN TRANSMISSION AND DISTRIBUTION SYSTEMS	WANG, ZHAOYU	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	015902-00001	Research	7/15/2016	6/30/2019	JULY 2016	4206048
\$346,838	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	ENHANCED SHELF-LIFE NANOVACCINE FORMULATION FOR IMMUNITY TO BIODEFENSE PATHOGENS	NARASIMHAN, BALAJI	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	012612-00001	Research	9/1/2014	8/31/2017	JULY 2016	4302006
\$311,846	ENANTA PHARMACEUTICALS INC	ENANTA PK AND EFFICACY STUDY	ACKERMANN, MARK R	COLLEGE OF VETERINARY MEDICINE	VET PATHOLOGY	015926-00001	Research	7/23/2016	3/1/2017	JULY 2016	4006347
\$297,638	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015918-00001	Scholarships & Fellowships	6/1/2016	5/31/2017	JULY 2016	
\$285,000	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	DIFFERENTIAL REGULATION	GUPTA, MOHAN	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	015008-00001	Research	9/3/2015	8/31/2017	JULY 2016	4302131
\$282,055	IOWA DEPARTMENT OF HUMAN SERVICES	ENVIRONMENTAL RATING SYSTEM ASSESSMENT PROJECT	OESTERREICH, LESIA L	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	015767-00001	Public Service	7/1/2016	6/30/2017	JULY 2016	4703062
\$280,000	NSF-NATIONAL SCIENCE FOUNDATION	BONDING ANALYSIS OF AB INITIO ELECTRONIC WAVE FUNCTIONS IN MOLECULES	RUEDENBERG, KLAUS	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	015927-00001	Research	8/1/2016	7/31/2018	JULY 2016	4207156
\$279,999	NSF-NATIONAL SCIENCE FOUNDATION	SUSCHEM: MAGNESIUM-CATALYZED HYDROSILYLATION AND HYDROBORATION FOR EFFICIENT CARBON-SILICON AND CARBON-BORON BOND FORMATION	SADOW, AARON DAVID	COLLEGE OF LIBERAL ARTS & SCIENCES	CENTER FOR CATALYSIS	013945-00001	Research	7/1/2015	6/30/2019	JULY 2016	4206195

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\$276,647	NSF-NATIONAL SCIENCE FOUNDATION	EXP: COLLABORATIVE RESEARCH: PERCEPTION AND PRODUCTION IN SECOND LANGUAGE: THE ROLES OF VOICE VARIABILITY AND FAMILIARITY	LEVIS, JOHN MICHAEL	COLLEGE OF LIBERAL ARTS & SCIENCES	ENGLISH	015928-00001	Research	8/1/2016	7/31/2019	JULY 2016	4207157
\$251,831	IOWA DEPARTMENT OF HUMAN SERVICES	ENVIRONMENT RATING SCALE TRAINING PROGRAM	OESTERREICH, LESIA L	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	015768-00001	Public Service	7/1/2016	6/30/2017	JULY 2016	4703064
\$240,857	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	7/31/2017	JULY 2016	4302127
\$225,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	IIHR WATER QUALITY MONITORING NETWORK - 8 SENSORS	LAWRENCE, JOHN D	AG EXPERIMENT STATION	IOWA NUTRIENT RESEARCH CTR	015899-00001	Research	7/1/2016	6/30/2017	JULY 2016	4734135
\$223,584	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	4/30/2017	JULY 2016	4042319
\$199,999	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	JULY 2016	4206045
\$194,000	IOWA DEPARTMENT OF PUBLIC HEALTH	MATERNAL INFANT AND EARLY CHILDHOOD HOME VISITING (MIECHV)	PETERSON, CARLA ANN	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	015360-00001	Research	6/1/2016	9/30/2017	JULY 2016	4782812
\$190,273	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015924-00001	Research	6/1/2016	5/31/2017	JULY 2016	
\$159,950	VARIOUS ISUF DONORS-	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015919-00001	Research	6/1/2016	5/31/2017	JULY 2016	

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	INDUSTRY/ CORPORATE										
\$150,150	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	9/30/2018	JULY 2016	4047721
\$150,028	MONSANTO COMPANY	EFFECTS OF BEST MANAGEMENT PRACTICES ON WESTERN CORN ROOTWORM	GASSMANN, AARON JOHN	AG EXPERIMENT STATION	ENTOMOLOGY	012278-00001	Research	6/1/2014	5/31/2019	JULY 2016	4004136
\$150,000	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS PROGRAM FY2017	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	015850-00001	Research	7/1/2016	6/30/2019	JULY 2016	4747952
\$150,000	NSF-NATIONAL SCIENCE FOUNDATION	EAGER: COLLABORATIVE RESEARCH: LECTURES FOR FOUNDATIONS IN SYSTEMS ENGINEERING	BLOEBAUM, CHRISTINA LYNNE	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	015853-00001	Research	8/1/2016	7/31/2018	JULY 2016	4202563
\$141,000	IOWA DEPARTMENT OF HUMAN SERVICES	BETTER KID CARE NEW STAFF ORIENTATION	OESTERREICH, LESIA L	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	015766-00001	Public Service	7/1/2016	6/30/2017	JULY 2016	4703060
\$140,000	DOE-US DEPARTMENT OF ENERGY	NUCLEI (NUCLEAR COMPUTATIONAL LOW-ENERGY INITIATIVE)	VARY, JAMES P	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	007150-00001	Research	8/15/2012	8/14/2017	JULY 2016	4012119
\$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	8/31/2017	JULY 2016	4163004
\$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)	015846-00001	Research	7/1/2016	6/30/2017	JULY 2016	4007742
\$135,000	SUSTEREA BIORENEWABLES LLC	STTR PHASE I: AROMATICS FROM PYRONES	KRAUS, GEORGE A	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	015890-00001	Research	7/1/2016	6/30/2017	JULY 2016	4046065

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\$132,891	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015912-00001	Research	6/1/2016	5/31/2017	JULY 2016	
\$130,971	SWINE HEALTH INFORMATION CENTER	ASSESSMENT OF SLAUGHTER SURVEILLANCE BASED ON ORAL FLUID SAMPLES	CORREIA-LIMA-LINHARES, D	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	015807-00001	Research	7/1/2016	7/1/2017	JULY 2016	4592305
\$130,000	NSF-NATIONAL SCIENCE FOUNDATION	LANTHANIDE-BASED IONIC LIQUIDS: NOVEL SOFT MATERIALS WITH LUMINESCENT AND MAGNETIC PROPERTIES	MUDRING, ANJA VERENA	COLLEGE OF LIBERAL ARTS & SCIENCES	CENTER FOR CATALYSIS	013705-00001	Research	9/1/2015	8/31/2018	JULY 2016	4206192
\$126,219	CARNEGIE INSTITUTION FOR SCIENCE	TRANSFORMATIVE STRATEGY FOR CONTROLLING RICE DISEASE IN DEVELOPING COUNTRIES	YANG, BING	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	013411-00001	Research	10/28/2014	4/30/2017	JULY 2016	4002178
\$125,664	WEST LIBERTY ECONOMIC AREA DEVELOPMENT	LEADERSHIP FOR WEST LIBERTY ECONOMIC DEVELOPMENT	TAYLOR, GARY D	UNIVERSITY & COOPERATIVE EXTENSION	COMMUNITIES-EXTENSION	015905-00001	Public Service	7/1/2016	6/30/2018	JULY 2016	4003387
\$125,499	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: I/UCRC: CENTER FOR BIOPLASTICS AND BIOCOMPOSITES	GREWELL, DAVID	AG EXPERIMENT STATION	CENTER FOR CROPS UTILIZATION	012567-00001	Research	9/15/2014	8/31/2019	JULY 2016	4204027
\$125,075	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015920-00001	Operations & Maintenance	6/1/2016	5/31/2017	JULY 2016	
\$121,250	IOWA DEPARTMENT OF PUBLIC HEALTH	IOWA GAMBLING TREATMENT PROGRAM AND IOWA DRUG AND ALCOHOL HELPLINES: SFY 2017	VANGINKEL, MARGARET E	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	015872-00001	Public Service	7/1/2016	6/30/2017	JULY 2016	4783038
\$119,668	NSF-NATIONAL SCIENCE FOUNDATION	GRADUATE RESEARCH FELLOWSHIP PROGRAM	HOLGER, DAVID KERMIT	SR VP AND PROVOST	GRADUATE COLLEGE	008288-00001	Scholarships & Fellowships	7/15/2012	6/30/2017	JULY 2016	4201806
\$115,000	DOE-US	EXOTIC KONDO PHASES:	FLINT,	COLLEGE OF	PHYSICS &	015780-00001	Research	7/15/2016	7/14/2017	JULY	4012134

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	DEPARTMENT OF ENERGY	THE NON-KRAMERS DONIACH PHASE DIAGRAM	REBECCA	LIBERAL ARTS & SCIENCES	ASTRONOMY					2016	
\$114,000	IOWA DEPARTMENT OF HUMAN SERVICES	I-CONSULT	OESTERREICH, LESIA L	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	015770-00001	Public Service	7/1/2016	6/30/2017	JULY 2016	4703066
\$107,860	CURA GLOBAL HEALTH INC	IRON ABSORPTION FROM ASPIRON(TM) IN HUMANS	REDDY, MANJU B	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION	015832-00001	Research	7/10/2016	6/9/2017	JULY 2016	4002891
\$103,929	UNIVERSITY OF NEBRASKA LINCOLN	SYSTEMS ANALYSIS OF THE PHYSIOLOGICAL AND MOLECULAR MECHANISMS OF SORGHUM NUTRIENT USE EFFICIENCY, WATER USE EFFICIENCY AND INTERACTIONS WITH THE SOIL MICROBIOME	LIU, PENG	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	014583-00001	Research	8/15/2015	7/14/2017	JULY 2016	4042197
\$99,998	DOD-OFFICE OF NAVAL RESEARCH (ONR)	SYNTHESIS AND INVESTIGATION OF OXYGEN-FUNCTIONALIZED MXENES WITH ULTRAHIGH THERMAL CONDUCTIVITY	WU, YUE	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	015816-00001	Research	7/1/2016	6/30/2017	JULY 2016	4212013
\$98,309	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: UNDERSTANDING AND PREDICTING EYEWITNESS IDENTIFICATION ERRORS: STUDIES USING A UNIQUE SET OF MATERIALS FROM ACTUAL LINEUPS	WELLS, GARY L	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	012391-00001	Research	8/1/2014	7/31/2017	JULY 2016	4202174
\$95,000	UNIVERSITY OF TEXAS AT 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	JULY 2016	
\$87,986	CHILDRENS HOSPITAL OF ORANGE COUNTY	INTRAARTICULAR GENE THERAPY FOR CANINE MUCOPOLYSACCHARIDOSIS TYPE I JOINT DISEASE	ELLINWOOD, NORMAN MATTHEW	AG EXPERIMENT STATION	ANIMAL SCIENCE	015874-00001	Research	5/1/2016	4/30/2017	JULY 2016	4004449
\$86,822	ED-US	PELL GRANT, FY16	JOHNSON,	VICE	STUDENT FINANCIAL	013745-00001	Student	7/1/2015	6/30/2016	JULY	4325763

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	DEPARTMENT OF EDUCATION		ROBERTA L	PRESIDENT FOR STUDENT AFFAIRS	AID		Financial Aid			2016	
\$84,877	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE TRANSPORTATION MATERIALS ENGINEER FY2017	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	015849-00001	Research	7/1/2016	6/30/2017	JULY 2016	4747899
\$75,000	IOWA DEPARTMENT OF HUMAN RIGHTS	IOWA STATE UNIVERSITY JUVENILE REENTRY SYSTEM EVALUATION SERVICE CONTRACT	SHELLEY, MACK CLAYTON	COLLEGE OF LIBERAL ARTS & SCIENCES	POLITICAL SCIENCE	015870-00001	Research	7/1/2016	9/30/2017	JULY 2016	4782114
\$75,000	IOWA DEPARTMENT OF TRANSPORTATION	MIDWEST CROSS-JURISDICTIONAL IMAGE VERIFICATION	HANS, ZACHARY N	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	015939-00001	Research	7/1/2016	12/31/2019	JULY 2016	
\$74,215	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR LOCAL TECHNICAL ASSISTANCE PROGRAM ADMINISTRATIVE SUPPORT FY2017	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	015852-00001	Research	7/1/2016	6/30/2017	JULY 2016	4747951
\$65,800	ABBVIE INC	FEASIBILITY STUDY OF LAESI MASS SPECTROMETRY FOR SPATIAL ANALYSIS OF PHARMACEUTICAL TABLETS	HOUK, ROBERT S	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	015801-00001	Research	8/1/2016	7/31/2017	JULY 2016	4002161
\$65,000	BATTELLE MEMORIAL INSTITUTE-PACIFIC NORTHWEST NATIONAL LABORATORY	ECOSYSTEM AND HUMAN SYSTEM DYNAMICS: INDICATORS OF PHENOLOGY, CLIMATE AND URBANIZATION	ZHOU, YUYU	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	015785-00001	Research	6/28/2016	3/31/2017	JULY 2016	4046134
\$65,000	JOHN HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY LLC	INTEGRATED THIN-FILM THERMOELECTRIC ELECTROCALORIC COOLER	WU, YUE	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	015931-00001	Research	6/17/2016	1/31/2017	JULY 2016	
\$63,969	NSF-NATIONAL SCIENCE FOUNDATION	SUSCHEM: NANOSCALE INSIGHT INTO ELECTRIC FATIGUE OF LEAD-FREE	TAN, XIAOLI	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	014092-00001	Research	7/1/2015	6/30/2019	JULY 2016	4202045



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		PIEZOELECTRIC CERAMICS									
\$63,723	NSF-NATIONAL SCIENCE FOUNDATION	DIAMETRIC EXTREMES IN THE IONIC CONDUCTIVITY OF MIXED GLASS FORMER SOLID ELECTROLYTES	MARTIN, STEVE WARTHEN	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	010737-00001	Research	7/1/2013	6/30/2017	JULY 2016	4206247
\$62,374	NEBRASKA DEPARTMENT OF ROADS	EVALUATION OF OPPORTUNITIES AND CHALLENGES OF USING INRIX DATA FOR REAL-TIME PERFORMANCE MONITORING AND HISTORICAL TREND ASSESSMENT	SHARMA, ANUJ	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	015892-00001	Research	7/1/2016	12/31/2017	JULY 2016	4007741
\$59,513	VARIOUS ISUF DONORS- NONPROFIT	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015923-00001	Scholarships & Fellowships	6/1/2016	5/31/2017	JULY 2016	
\$57,123	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: INVESTIGATING SURFACE LIGAND DOPING, ORGANIZATION AND VALENCY IN SEMICONDUCTOR NANOCRYSTAL QUANTUM DOTS: A BRIDGE BETWEEN NANO CHEMISTRY RESEARCH AND EDUCATION	VELA-BECERRA, JAVIER	COLLEGE OF LIBERAL ARTS & SCIENCES	CENTER FOR CATALYSIS	005625-00001	Research	4/15/2013	3/31/2018	JULY 2016	4202549
\$54,572	UNIVERSITY OF CALIFORNIA RIVERSIDE	STRUCTURE-BASED DESIGN OF CAMEL-LIKE HUMAN SELECTIVE MABS AGAINST MMPS IN DISEASE	SCHNEIDER, IAN C	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	015794-00001	Research	6/1/2016	5/31/2017	JULY 2016	4046013
\$49,977	STATE-BUREAU OF EDUCATIONAL & CULTURAL AFFAIRS	SELF-SUSTAINABLE STUDY ABROAD PROGRAM AT XIAN JIAOTONG UNIVERSITY FOR ENGINEERING STUDENTS	HONG, WEI	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	015885-00001	Public Service	7/1/2016	8/31/2017	JULY 2016	4732023
\$49,817	NIH-INSTITUTE ON AGING (NIA)	ACTIVIN-MEDIATED AUTOPHAGY DURING CARDIAC AGING	BAI, HUA	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	014858-00001	Research	2/15/2016	1/31/2017	JULY 2016	4302130

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\$47,990	POLK COUNTY	NUTRITION EDUCATION SERVICES FOR THE POLK COUNTY COMMODITY AND SUPPLEMENTAL FOOD PROGRAMS	FRANCIS, SARAH LUCILLE	UNIVERSITY & COOPERATIVE EXTENSION	FOOD SCIENCE & HUMAN NUTRITION	015936-00001	Public Service	7/1/2016	6/30/2019	JULY 2016	4003929
\$42,400	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE PAVEMENT SYSTEMS RESEARCH ENGINEER FY2017	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	015848-00001	Research	7/1/2016	6/30/2017	JULY 2016	4747898
\$42,100	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: THE IMPACT OF AN EMPTY FOREST ON TREE RECRUITMENT AND COMMUNITY STRUCTURE	ROGERS, HALDRE STAR	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	015665-00001	Research	4/30/2016	4/30/2017	JULY 2016	4207150
\$41,240	UNIVERSITY OF ALABAMA HUNTSVILLE	EXPLORATION OF MULTIDISCIPLINARY COUPLINGS AND COUPLING STRENGTHS TO MITIGATE UNINTENDED BEHAVIORS: ARES I THRUST OSCILLATION	BLOEBAUM, CHRISTINA LYNNE	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	013647-00001	Research	1/1/2015	12/31/2016	JULY 2016	4046062
\$38,768	VARIOUS ISUF DONORS- INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015916-00001	Academic Support	6/1/2016	5/31/2017	JULY 2016	
\$37,628	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	5/2/2017	JULY 2016	4522301
\$35,734	VITA PLUS CORPORATION	NURSERY TRIALS	PATIENCE, JOHN FRANCIS	AG EXPERIMENT STATION	ANIMAL SCIENCE	011161-00001	Research	11/2/2012	5/31/2016	JULY 2016	4004013
\$35,000	UNIVERSITY OF IOWA	TOWARDS EFFECTIVE AND RELIABLE REMOVAL OF MICROCYSTINS FROM DRINKING WATER	IKUMA, KAORU	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	015779-00001	Research	7/1/2016	11/30/2016	JULY 2016	4752061

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		THROUGH BIOLOGICALLY ACTIVE FILTRATION									
\$35,000	BOEHRINGER INGELHEIM VETMEDICA INC	HERD SENSITIVITY OF PRRSV-MONITORING SCHEMES ON SOW HERDS UNDERGOING VIRUS ELIMINATION	CORREIA-LIMA-LINHARES, D	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	015792-00001	Research	5/1/2016	4/30/2017	JULY 2016	4006346
\$35,000	IOWA DEPARTMENT OF TRANSPORTATION	USE OF SHRP2 NDS DATA TO EVALUATE ROADWAY DEPARTURE CHARACTERISTICS	SMADI, OMAR G	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	015871-00001	Research	3/15/2016	2/28/2018	JULY 2016	4747953
\$32,000	PIGTEK AMERICAS	A COMPARISON STUDY OF BARN CONTROLLERS	HOFF, STEVEN JAMES	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	015880-00001	Research	8/1/2016	10/31/2017	JULY 2016	4004527
\$31,000	UNIVERSITY OF NORTHERN IOWA	USING MATHEMATICALLY-FOCUSED TEXT MESSAGES TO IMPROVE CONNECTIONS BETWEEN LINGUISTICALLY DIVERSE PARENTS AND THEIR CHILD'S CLASSROOM	APPELGATE, MOLLIE HELEN	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	015787-00001	Research	5/1/2016	8/31/2017	JULY 2016	4752821
\$31,000	UNIVERSITY OF NORTHERN IOWA	STUDENT VOICES FOR SCHOOL CHANGE	SEILER, GALE	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	015799-00001	Research	4/1/2016	8/31/2017	JULY 2016	4752822
\$28,664	CITY OF CARROLL	CARROLL RECREATION DISTRICT MASTER PLAN	ROGERS, CARL A	UNIVERSITY & COOPERATIVE EXTENSION	LANDSCAPE ARCHITECTURE	015888-00001	Public Service	6/1/2016	11/1/2016	JULY 2016	4003398
\$28,035	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015921-00001	Academic Support	6/1/2016	5/31/2017	JULY 2016	
\$25,486	IOWA ASSOCIATION OF SCHOOL BOARDS	EVALUATING THE IOWA SECURE AN ADVANCED VISION FOR EDUCATION (SAVE) FUND	SWENSON, DAVID A	AG EXPERIMENT STATION	ECONOMICS	015845-00001	Research	7/1/2016	9/30/2016	JULY 2016	4004610
\$25,000	USDA-ECONOMIC RESEARCH SERVICE (ERS)	HAS THE INDUSTRIALIZATION OF LIVESTOCK MARKETING	CRESPI, JOHN M	AG EXPERIMENT STATION	ECONOMICS	015854-00001	Research	7/7/2016	9/30/2017	JULY 2016	4124649

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		SHIELDED U.S. LIVESTOCK PRICES FROM GLOBAL SHOCKS?									
\$24,400	BAYER CROPSCIENCE	PYTHIUM/CORN EFFICACY, FLU/PTZ/CORN/STRATEGO YLD EFFICACY & YIELD PROTOCOL NO. SA16USARIJ, SP16USARIZ FIELD TRIAL	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	015819-00001	Public Service	5/1/2016	8/30/2016	JULY 2016	
\$24,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4-H FOUNDATION PROGRAMMING FOR STEM AND HEALTHY LIVING, FY2016	CHAISSON-CARDENAS, JOHN-P	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO YOUTH & 4H	015887-00001	Public Service	7/1/2016	6/30/2017	JULY 2016	4713033
\$23,500	AMERICAVIEW	STATEVIEW PROGRAM DEVELOPMENT AND OPERATIONS FOR THE STATE OF IOWA: GRANT YEAR 16	KANE, KEVIN L	COLLEGE OF DESIGN	INSTITUTE FOR DESIGN RESEARCH & OUTREACH	015786-00001	Research	7/1/2016	6/30/2017	JULY 2016	4042906
\$20,928	NSF-NATIONAL SCIENCE FOUNDATION	REU SITE: SUMMER PROGRAM FOR INTERDISCIPLINARY RESEARCH AND EDUCATION-EMERGING INTERFACE TECHNOLOGIES	GILBERT, STEPHEN	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	013509-00001	Research	5/1/2015	4/30/2018	JULY 2016	4206517
\$20,824	METROLASER INCORPORATED	DIRECT NUMERICAL SIMULATION (DNS) OF STEP CHANGES DUE TO RIB ROUGHNESS IN TURBULENT BOUNDARY LAYERS	DURBIN, PAUL	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	014360-00001	Research	4/1/2015	9/30/2016	JULY 2016	4042024
\$20,000	BAYER CROPSCIENCE	PHENOTYPING SOYBEAN SAMPLES FOR RESPONSE TO SUDDEN DEATH SYNDROME	CIANZIO, SILVIA R	AG EXPERIMENT STATION	AGRONOMY	015863-00001	Research	4/19/2016	3/30/2017	JULY 2016	4004446
\$20,000	AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING INC	STUDY OF A SMART CONCRETE FOR ENHANCED NDT OF LARGE-SCALE STRUCTURES	LAFLAMME, SIMON	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	015903-00001	Scholarships & Fellowships	7/1/2016	6/30/2017	JULY 2016	4006047

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\$20,000	AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING INC	WAVEFIELD MODELING AND PROPAGATION OF ULTRASOUND FOR ADDITIVE MANUFACTURING MATERIALS	BIGELOW, TIMOTHY	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	015904-00001	Scholarships & Fellowships	7/1/2016	6/30/2017	JULY 2016	4002579
\$19,593	KEMIN INDUSTRIES	EFFECT OF CHROMIUM PROPIONATE ON GENE AND PROTEIN EXPRESSION IN LIVER AND MUSCLE TISSUE OF MICE	SELSBY, JOSHUA TAYLOR	AG EXPERIMENT STATION	ANIMAL SCIENCE	015838-00001	Research	4/1/2016	10/1/2016	JULY 2016	4004445
\$17,500	PENINSULA PACKAGING	POLYMER AND FOOD PROTECTION CONSORTIUM 2016 MEMBERSHIP PENINSULA PACKAGING 2016 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	015793-00001	Research	5/1/2016	4/30/2017	JULY 2016	
\$17,500	PURFOODS	POLYMER AND FOOD PROTECTION CONSORTIUM 2016 MEMBERSHIP PURFOODS 2016 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	015795-00001	Research	5/1/2016	4/30/2017	JULY 2016	
\$17,500	AMERICAN PACKAGING CORPORATION	POLYMER AND FOOD PROTECTION CONSORTIUM 2016 MEMBERSHIP AMERICAN PACKAGING CORPORATION 2016 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	015796-00001	Research	5/1/2016	4/30/2017	JULY 2016	
\$17,500	ACQUISTAPACE FARMS INC	POLYMER AND FOOD PROTECTION CONSORTIUM 2016 MEMBERSHIP ACQUISTAPACE FARMS 2016 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	015800-00001	Research	5/1/2016	4/30/2017	JULY 2016	
\$17,500	COUNTRY MAID INC	POLYMER AND FOOD PROTECTION CONSORTIUM 2016 MEMBERSHIP COUNTRY MAID 2016 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	015855-00001	Research	5/1/2016	4/30/2017	JULY 2016	
\$17,260	ELECTRIC POWER RESEARCH	VIBROTHERMOGRAPHY AND POD OF STEEL	HOLLAND, STEPHEN D	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT	015797-00001	Research	6/21/2016	12/31/2016	JULY 2016	4002578

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	INSTITUTE	SPECIMENS			EVALUATION						
\$15,946	UCHICAGO ARGONNE LLC- ARGONNE NATIONAL LABORATORY	PROTECTION AND DYNAMIC MODELING, SIMULATION, AND ANALYSIS OF CASCADING FAILURES	DOBSON, IAN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	015818-00001	Research	6/24/2016	6/22/2017	JULY 2016	4046023
\$15,720	IOWA DEPARTMENT OF TRANSPORTATION	STUDIES OF PRAIRIE RECONSTRUCTION SUCCESS: IMPORTANCE OF SEED MIXES, MANAGEMENT AND COVER CROPS	WILSEY, BRIAN J	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	015730-00001	Research	6/5/2016	12/31/2017	JULY 2016	4742107
\$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	6/30/2017	JULY 2016	4006053
\$15,000	NATIONAL 4H COUNCIL	2016 4-H NATIONAL YOUTH SCIENCE DAY	CHAISSON-CARDENAS, JOHN-P	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO YOUTH & 4H	015757-00001	Public Service	7/11/2016	11/15/2016	JULY 2016	4003384
\$14,000	BAYER CROPSCIENCE	BCS-CN88460 CORN/LEAF DISEASES/COMBINATIONS TASSEL TIMING AND BCS-CN88460 CORN/LEAF DISEASES/EARLY SEASON APPLICATIONS FIELD TRIAL	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	015820-00001	Public Service	1/1/2016	12/31/2016	JULY 2016	
\$13,800	MONSANTO COMPANY	PROTOCOL # 2016-01-24-09; 2016-01-24-17 FIELD TRIAL	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	015804-00001	Public Service	5/1/2016	4/30/2017	JULY 2016	
\$13,300	DOI-US GEOLOGICAL SURVEY (USGS)	AMPHIBIAN POPULATIONS IN WETLANDS OF THE DES MOINES LOBE IN CENTRAL IOWA	PIERCE, CLAY L	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	011504-00001	Research	11/25/2013	12/31/2018	JULY 2016	4244005
\$12,000	SYNGENTA SEEDS INC	PROTOCOL HDC050A4-2016US - S-METOLACHLOR +DICAMBA PREMIX (A21472C) UNIVERSITY TESTING	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	015808-00001	Public Service	6/9/2016	6/9/2017	JULY 2016	4004535

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		PROGRAM IN RR2 XTEND SOYBEANS									
\$10,800	BAYER CROPSCIENCE	STRATEGO YLD/FIELD CORN/EFFICACY, EARLY SEASON/ UNIV. COI PROTOCOL NO. FP16USAYD1 FIELD TRIAL	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	015812-00001	Public Service	4/1/2016	12/31/2016	JULY 2016	
\$10,800	BAYER CROPSCIENCE	STRATEGO YLD/FIELD CORN/EFFICACY, TASSEL TIMING/ UNIV. COI PROTOCOL NO. FP16USAYD2 FIELD TRIAL	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	015813-00001	Public Service	4/1/2016	12/31/2016	JULY 2016	
\$10,000	BAYER CROPSCIENCE	EE JAGUAR/EXTERNAL/CORN/YIELD/IN FURROW/CROP DESTRUCT PROTOCOL NO. FA16USAZP7 FIELD TRIAL	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	015802-00001	Public Service	4/1/2016	12/31/2016	JULY 2016	
\$10,000	JASPER COUNTY AGRICULTURAL EXTENSION DISTRICT	COMMUNITY DEVELOPMENT FOR JASPER COUNTY	TAYLOR, GARY D	UNIVERSITY & COOPERATIVE EXTENSION	COMMUNITIES-EXTENSION	015841-00001	Public Service	7/1/2016	6/30/2017	JULY 2016	4003386
\$9,322	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY DONATIONS	LEATH, STEVEN	PRESIDENT	PRESIDENT	015925-00001	Operations & Maintenance	6/1/2016	5/31/2017	JULY 2016	
\$8,000	BAYER CROPSCIENCE	BCS-CN88460 SOYBEAN/ PHYTOTOXICITY AND FOLIAR DISEASES PROTOCOL NO. FA16USAYDB FIELD TRIAL	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	015821-00001	Public Service	1/1/2016	12/31/2016	JULY 2016	
\$7,800	HELM AGRO US INC	NON-CONFIDENTIAL FIELD TRIALS	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	015827-00001	Research	1/1/2015	12/31/2015	JULY 2016	
\$6,743	SOUTH DAKOTA STATE UNIVERSITY	MANAGING PERENNIAL COVER CROPS FOR SUSTAINABLE CORN STOVER BIOMASS PRODUCTION	MOORE, KENNETH J	VP FOR RESEARCH	BIOECONOMY INSTITUTE	011821-00001	Research	2/1/2014	7/31/2017	JULY 2016	4101702

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\$6,215	IOWA DEPARTMENT OF PUBLIC HEALTH	FRESH CONVERSATIONS	FRANCIS, SARAH LUCILLE	UNIVERSITY & COOPERATIVE EXTENSION	FOOD SCIENCE & HUMAN NUTRITION	014520-00001	Public Service	10/1/2015	9/30/2016	JULY 2016	4783035
\$5,865	MONSANTO COMPANY	PROTOCOL # 2016-01-B7-09 FIELD TRIAL	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	015803-00001	Public Service	5/1/2016	4/30/2017	JULY 2016	
\$5,175	MONSANTO COMPANY	FIELD TRIAL PROTOCOL # 2016-01-24-15	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	015837-00001	Public Service	5/1/2016	8/1/2017	JULY 2016	
\$5,076	KEMIN INDUSTRIES	EVALUATING HOW CHROMIUM PROPIONATE AFFECTS ENERGETIC HOMEOSTASIS FOLLOWING LPS INFUSION IN LACTATING DAIRY COWS	BAUMGARD, LANCE HALL	AG EXPERIMENT STATION	ANIMAL SCIENCE	015189-00001	Research	2/1/2016	1/31/2017	JULY 2016	4004433
\$5,000	IOWA DEPARTMENT OF PUBLIC HEALTH	MCH 1-800 HEALTHY FAMILIES/TEENLINE	VANGINKEL, MARGARET E	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	014517-00001	Public Service	10/1/2015	9/30/2016	JULY 2016	4783340
\$4,956	IOWA ACADEMY OF SCIENCE	EPIGENETIC RESPONSES TO ENVIRONMENTAL VARIATION UNDER ENVIRONMENTAL SEX DETERMINATION: EPIGENETIC INHERITANCE	JANZEN, FREDRIC J II	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	015864-00001	Research	7/1/2016	6/30/2017	JULY 2016	4754030
\$4,750	IOWA ACADEMY OF SCIENCE	UNDERSTANDING SELF-THINNING IN ASPEN TREES TO IMPROVE BIOENERGY YIELDS	HALL, RICHARD BRIAN	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	015782-00001	Research	7/1/2016	6/30/2017	JULY 2016	4754056
\$4,200	WILBUR-ELLIS	NON-CONFIDENTIAL FIELD TRIAL	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	015826-00001	Research	2/1/2016	11/30/2016	JULY 2016	
\$4,000	BURNING MAN PROJECT	"INTERTWINE"	DRINKWATER, JENNIFER D	COLLEGE OF DESIGN	ART & VISUAL CULTURE	014833-00001	Public Service	5/1/2015	8/15/2016	JULY 2016	4002914
\$3,250	IOWA ACADEMY OF SCIENCE	STOPOVER ECOLOGY OF THE LEAST SANDPIPER IN	DINSMORE, STEPHEN J	AG EXPERIMENT	NATURAL RESOURCE ECOLOGY & MGMT	015783-00001	Research	7/1/2016	6/30/2017	JULY 2016	4754057



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		IOWA		STATION							
\$3,000	THOR ORE	CMI AFFILIATE PROGRAM MEMBERSHIP	KING, ALEXANDER	AMES LABORATORY	AMES LABORATORY	015884-00001	Public Service	7/1/2016	6/30/2017	JULY 2016	
\$2,500	SHILOH INDUSTRIES INC	CMI AFFILIATE PROGRAM MEMBERSHIP	KING, ALEXANDER	AMES LABORATORY	AMES LABORATORY	015886-00001	Public Service	6/17/2016	6/16/2017	JULY 2016	
\$2,000	CITY OF URBANDALE IOWA	DUNLAP PARK SHELTER	WHITEHEAD, ROBERT	COLLEGE OF DESIGN	ARCHITECTURE	015084-00001	Instruction	2/1/2016	8/7/2016	JULY 2016	4002915
\$1,864	ED-US DEPARTMENT OF EDUCATION	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY16	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	013744-00001	Scholarships & Fellowships	7/1/2015	6/30/2016	JULY 2016	4325762
\$1,000	TECHACCEL LLC	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	015830-00001	Research	6/17/2016	6/16/2017	JULY 2016	